BECCLES TOWN COUNCIL

Town Hall,
The Walk,
Beccles,
NR34 9AJ
Tel: 01502 712109
info@becclestowncouncil.gov.uk
https://becclestowncouncil.gov.uk

Councillors who are members of this committee are summoned, to a meeting of **Planning and Highways Committee on Tuesday 27th October 2026 at 6.15pm in the Committee Room at Town Hall.** Members of the public may also attend this meeting and make representations on agenda items, provided representations are made to the Town Clerk not less than 24 hours before the meeting. The meeting will be available on 'Zoom' at

https://us02web.zoom.us/j/86957914734?pwd=PaFIF9nsXID5bbr7AVbFO6C8bTb2Ho.1

Meeting ID: 869 5791 4734 Passcode: 786770

Committee Members: Joseph Athorn, Philippa Drew, Jeff Harris, Alan Hopley, Samuel Hunt (Chair), Richard Stubbings, Christine Wheeler

AGENDA

1 **To receive apologies for absence**

2 **To receive Declarations of Interest or any requests for the granting of dispensations in relation to any Disclosable Pecuniary Interests in items on the agenda.**

3 **To accept the minutes of the Planning and Highways Committee meeting held on Tuesday 22nd September 2026**

4 **To receive an update on Planning decisions**
(attached)

5 **DC/26/2927/FUL Proposal: To the front elevation, replacement of vehicle impact damaged shop frontage with new aluminium framed and double glazed fixed panes. Rebuild brick column. All to match existing Site address: 29 Smallgate, Beccles, Suffolk, NR34 9AD,**

6 **DC/26/3155/FUL Proposal: Replacement timber sashes in two rooms Site address: Fernbank , 7 St Georges Road, Beccles, Suffolk, NR34 9YQ**

7 **DC/26/3168/FUL Proposal: Demolition of Existing Porch and Erection of Replacement Front Porch / Boot Room Site address: Ashtree Cottage , Darby Road, Beccles, Suffolk, NR34 9XP Consultation letter**

8 **DC/26/3196/FUL Proposal: New Dwelling, parking and materials Site address: 33 Ballygate, Beccles, Suffolk, NR34 9ND,**

Paul Cunningham - Town Clerk
Candi Turner - Deputy Town Clerk

LOCAL COUNCIL AWARD SCHEME BRONZE
We are a Living Wage Employer

9 **DC/26/3218/LBC and DC/26/3224/ADI Proposal: Listed Building Consent - Installation of new internally-illuminated fascia sign, an externally-illuminated projecting sign, and an internally illuminated menu board Site address: Bank And Premises , Exchange Square, Beccles, Suffolk, NR34 9HH**

10 **DC/26/3546/TCA | 1no. Copper Beech (marked T1 on submitted plan) - Reduce whole crown by 2m 1no. Yew (marked T2 on submitted plan) - Reduce whole crown by 1m | Underhill 27A Puddingmoor Beccles Suffolk NR34 9PJ**

11 **DC/26/3564/TPO Proposal: TPO/018/2021 - A1 - Carry out all works as recommended within the submitted Tree Report from ESSL (all trees marked on submitted site plan) Site address: 4 The Spinney , Beccles, Suffolk, NR34 7DF,**

12 **DC/26/3571/FUL Proposal: Installation of X2 new AC condenser units to rear flat roof area. New shopfront signage. Repairs & redecoration of shopfront. Site address: 2A The Walk, Beccles, Suffolk, NR34 9AJ,**

13 **DC/26/3572/LBC Proposal: Listed Building Consent - Installation of X2 new AC condenser units to rear flat roof area. New shopfront signage. Repairs & redecoration of shopfront. Site address: 2A The Walk, Beccles, Suffolk, NR34 9AJ,**

14 **DC/26/3573/ADN Proposal: Non-Illuminated Advertisement Consent - Replacement fascia sign and hanging sign to shopfront. Site address: 2A The Walk, Beccles, Suffolk, NR34 9AJ,**

15 **To agree the date of the next meeting as Tuesday 10th November 2026 at 6pm**

BECCLES TOWN COUNCIL

Town Hall,
The Walk,
Beccles,
NR34 9AJ
Tel: 01502 712109
info@becclestowncouncil.gov.uk
https://becclestowncouncil.gov.uk

Minutes of the meeting of Planning and Highways Committee Tuesday 22nd September at 6.30pm in Committee Room at Town Hall

Present: Joseph Athorn, Philippa Drew, Jeff Harris, Alan Hopley, Samuel Hunt (Chair), Richard Stubbings, Christine Wheeler

In Attendance: Candi Turner
Apologies: None
Absent: None
Members of public: Caroline Topping, Leader, East Suffolk District Council

1 - To receive apologies for absence

None Received

What?	By Whom?	By When?

2 - To receive Declarations of Interest or any requests for the granting of dispensations in relation to any Disclosable Pecuniary Interests in items on the agenda.

None Received

What?	By Whom?	By When?

3 - To accept the minutes of the Planning and Highways Committee meeting held on Tuesday 8th September 2026

The minutes of the Planning and Highways Committee meeting held on Tuesday 8th September were received.

Chair proposed that the minutes be accepted. This was seconded by Cllr Wheeler. The Committee voted unanimously in favour and it was therefore,

RESOLVED: That the minutes of the Planning and Highways Committee meeting held on Tuesday 8th September be accepted.

What?	By Whom?	By When?

LOCAL COUNCIL AWARD SCHEME BRONZE
We are a Living Wage Employer

4 - To receive an update on Planning decisions

The update was received.

Cllr Drew joined the meeting.

What?	By Whom?	By When?

5 - BA/2026/0245/TCAA Site Location: Riverside House , 65 Northgate, Beccles, Suffolk Proposal: T1: Willow - Crown lift to 5 meters

The Chair proposed that the application be deferred to the Tree Officer. This was seconded by Cllr Stubbings. The Committee voted unanimously in favour and it was therefore:

RESOLVED: To defer consideration of the application to the BA Tree Officer.

What?	By Whom?	By When?

6 - DC/26/2759/FUL Proposal: Retrospective planning permission for moss statues and signs Site address: 1A Common Lane North , Beccles, Suffolk, NR34 9BN,

The application was considered.

Cllr Stubbings proposed that the Committee raise no objection to the application. This was seconded by the Chair. The Committee voted unanimously in favour of the proposal and it was therefore:

RESOLVED: To raise no objection to the application.

What?	By Whom?	By When?

7 - DC/26/2760/ADN Proposal: Non-Illuminated Advertisement Consent - Descriptive Signs Free Standing x1 Site address: 1A Common Lane North , Beccles, Suffolk, NR34 9BN,

The application was considered.

Chair proposed that the Committee raise no objection to the application. This was seconded by the Cllr Stubbings. The Committee voted unanimously in favour of the proposal and it was therefore:

RESOLVED: To raise no objection to the application.

What?	By Whom?	By When?

8 - DC/26/3042/TCA Proposal: 1no. Ash (marked T1 on submitted plan) - Reduce whole crown by 3m 1no. Dead Tree (marked T2 on

submitted plan) - Fell Site address: The Garages , 54 Northgate, Beccles, Suffolk, NR34 9AU

The application was considered.

Cllr Stubbings proposed that consideration of the application be deferred to the Tree Officer. This was seconded by Cllr Athorn. The Committee voted unanimously in favour of the proposal and it was therefore:

RESOLVED: To defer consideration of the application to the Tree Officer.

What?	By Whom?	By When?

9 - DC/26/3043/TCA Proposal: 1no. Sycamore (marked T1 on submitted plan) - Coppice to 1m from ground level 1no. Yew (marked T2 on submitted plan) - Coppice to 1m from ground level Site address: 18 South Road, Beccles, Suffolk, NR34 9NN,

The application was considered. The Committee felt that the proposed reduction was too drastic and therefore did not wish to support the application. However, the Committee would support a more proportionate reduction.

Cllr Stubbings proposed that the Committee object to the application. This was seconded by the Chair. The Committee voted unanimously in favour of the proposal and it was therefore:

RESOLVED: To object to the application on the grounds that the proposed reduction was considered too drastic, while supporting a more proportionate reduction.

What?	By Whom?	By When?

10 - DC/26/3106/TCA Proposal: 1no. Honey Locust (marked on submitted plan) - Fell Site address: Ben Aigen , London Road, Beccles, Suffolk, NR34 9YR

The application was considered.

The Committee did not support the felling of the tree and raised concerns regarding the impact this would have on the streetscape. Instead, the Committee wished to request that a Tree Preservation Order (TPO) be placed on the tree.

The Chair proposed that the Committee object to the application and request that a TPO be placed on the tree. This was seconded by Cllr Stubbings. Cllr Hopley abstained from the vote and it was therefore,

RESOLVED: To object to the application and request that a Tree Preservation Order (TPO) be placed on the tree.

What?	By Whom?	By When?

DRAFT

11 - Pavement Licence – New Application Name of Applicant: Winckworth Sherwood (Licensing Agents) Name of Premises: Pascolo Lounge Postal Address of Premises: Bank & Premises, Exchange Square, Beccles, Suffolk NR34 9HH

The application was considered and a discussion took place.

Cllr Athorn raised concerns that the proposed seating area on the footway could interfere with the set-up of the Sunday Market.

Further concerns were raised regarding the proposed seating to the left-hand side of the premises due to the limited space available on the footway. The Committee considered that, if approved, the seating in this location would reduce accessibility for pushchairs, wheelchairs and mobility aids. The Committee was content with the proposed seating on the raised area and to the right-hand side of the premises.

Cllr Stubbings also noted that the proposed hours of the pavement licence were not consistent with those of a neighbouring establishment and recommended that the hours be reduced to 10.00pm to provide consistency. Cllr Topping agreed with the Committee's comments and confirmed that she would support the objection with the recommended adjustments discussed.

The Deputy Town Clerk was asked to email Cllr Topping a summary of the Committee's comments for submission to East Suffolk Licensing.

Cllr Stubbings proposed that the Committee object to the proposed seating on the left-hand side of the premises and to the proposed hours of the pavement licence, recommending that the hours be reduced to 10.00pm to provide consistency with the neighbouring establishment. This was seconded by the Chair. The Committee voted unanimously in favour of the proposal and it was therefore:

RESOLVED: To object to the proposed seating on the left-hand side of the premises and to the proposed hours of the pavement licence, recommending that the hours be reduced to 10.00pm.

What?	By Whom?	By When?

12 - Scoping consultation and notification WA0210003 Proposed application by Essex and Suffolk Water (the applicant) for an Order granting Development Consent for the Suffolk Water Recycling Transfer and Storage (the proposed development)

The application was considered and a discussion took place.

The Committee agreed that any comments made would be unlikely to have an impact on the final planning decision. The Deputy Town Clerk was asked to respond to the consultation accordingly.

What?	By Whom?	By When?

13 - To consider options for improving shopfronts and signage within the Beccles Conservation Area, having regard to the historic character of the town.

The Chair raised concerns regarding some of the town's shop frontages and signage, particularly where shop frontages do not reflect appropriate heritage colours. The Chair expressed a desire to establish clearer guidelines for new businesses opening in the town, with the aim of improving the quality and aesthetics of shop signage within the town centre in the future.

Cllr Stubbings raised concerns regarding this proposal, noting that planning applications can cost hundreds of pounds and that the financial implications for local independent businesses could be significant.

The Chair referred to a number of existing documents which provide guidance on heritage colours and appropriate design within a conservation area, including the Conservation Area Character Appraisal, East Suffolk Environment Supplementary Planning Document (SPD) and East Suffolk Shop Front Best Practice guidance.

A discussion also took place regarding vinyl coverings and signage in shop windows, which are not permitted in certain circumstances. Cllr Topping advised that these matters should be reported to East Suffolk Council's Enforcement Team, who would then consider whether enforcement action was appropriate.

The Chair displayed photographs of several high street chains within the town centre whose branding does not appear to adhere to the conservation area standards. The Chair expressed a desire to establish whether these matters had been considered as part of the planning process and whether there was any scope to retrospectively challenge shop frontages and signage that do not comply with the relevant conservation guidance.

Cllr Stubbings again expressed concerns regarding this approach, particularly in relation to the potential financial impact on independent businesses.

The Chair proposed that the Deputy Town Clerk contact East Suffolk Council to seek clarification on the guidance and planning procedures applicable to shop frontages and signage within the conservation area.

Cllr Stubbings further proposed that the legal requirements relating to permitted development within a conservation area be clarified, including clear criteria setting out when planning permission is and is not required.

Cllr Wheeler added to the proposal that instances of inappropriate vinyl signage in shop windows be reported to East Suffolk Council's Enforcement Team. This was seconded by Cllr Harris.

Cllr Harris requested that the Deputy Town Clerk circulate a map showing the extent of the conservation area.

The committee voted unanimously in favour of the proposals and it was therefore,

RESOLVED:

That the Deputy Town Clerk contact East Suffolk Council to seek clarification on the guidance and planning procedures relating to shop frontages and signage within the conservation area. That clarification be sought regarding permitted development rights within the conservation area, including the circumstances in which planning permission is and is not required. That instances of inappropriate vinyl signage in shop windows be reported to East Suffolk Council's Enforcement Team for consideration. That the Deputy Town Clerk circulate a map showing the extent of the conservation area.

What?	By Whom?	By When?

14 - To consider items for inclusion in the preparation of the new Beccles Town Council Strategic Plan which fall within the remit of the Planning & Highways Committee, including matters discussed by the Assets & Estates Committee on 16th September 2026.

The items recommended by the Assets and Estates Committee were considered, and the committee agreed that these should be included within the Planning and Highways section of the new Strategic Plan. The committee also considered a number of additional aims.

Cllr Athorn raised concerns regarding pedestrian safety along the route between the town centre and Beccles Quay, and vice versa. He suggested that relocating the bus service route and introducing a park and ride scheme could provide a potential solution. It was noted that this had previously been considered and that the proposal was not considered viable.

Cllr Athorn suggested that a pedestrian crossing be introduced on Bridge Street to provide a safer crossing point for pedestrians accessing and leaving the Quay.

Cllr Wheeler also highlighted concerns regarding pedestrian access to Ravensmere, noting that there is no pavement between the bus stop on Bridge Street and Ravensmere, creating a potential safety issue for pedestrians.

Cllr Athorn further noted that the route from the Quay towards the local supermarket via Fen Lane is also unsafe for pedestrians due to the lack of a pavement.

The committee discussed the need for improved signage to direct visitors to local shops, particularly those on Blyburgate which are not located within the main town centre. The importance of improved signage directing visitors to town centre car parks was also discussed.

The committee further considered the condition and standard of the car parking bays at Hungate and Newgate car parks and agreed that the Council should engage with East Suffolk Council to seek improvements, with the aim of bringing these car parks up to an equivalent standard to Blyburgate car park.

What?	By Whom?	By When?

15 - To discuss the implications of Suffolk County Council requesting a contribution from Hopkins Homes towards local

education provision in relation to the Barsham Vale development, and the potential impact this may have on the Community Infrastructure Levy (CIL) contribution.

The Chair raised concerns that Suffolk County Council's request for the developers of the proposed Barsham Vale development to include an education provision within the development could affect the Town Council's eligibility to receive a Community Infrastructure Levy (CIL) contribution.

Cllr Stubbings suggested that the committee investigate how the Town Council could protect and defend its entitlement to a CIL contribution.

Cllr Topping questioned whether Suffolk County Council was able to make such a request and suggested that the Deputy Town Clerk contact Ben Woolnough at East Suffolk Council's Planning Department for further advice and clarification.

What?	By Whom?	By When?

16 - To receive a request from Cllr Cox for Beccles Town Council to consider making an annual contribution towards the replacement of areas where traditional flagstones have been replaced with tarmac.

The request from Cllr Cox was received and a discussion took place.

The Committee agreed that, rather than the Town Council subsidising works that fall within the responsibility of Suffolk Highways, Cllr Cox should lobby Suffolk County Council and Suffolk County Council Highways to ensure that areas within the town centre that had originally been laid with flagstones, but had subsequently been repaired with tarmac, were reinstated with flagstones.

The Chair proposed that the Council ask Cllr Cox to lobby Suffolk County Council and Suffolk County Council Highways to reinstate flagstones where these had been replaced with tarmac following repairs. This was seconded by Cllr Stubbings. The Committee voted unanimously in favour of the proposal and it was therefore:

RESOLVED: To ask Cllr Cox to lobby Suffolk County Council and Suffolk County Council Highways to reinstate flagstones where these have been replaced with tarmac following repairs.

What?	By Whom?	By When?

17 - To consider a request from Cllr Cox (SCC) for Beccles Town Council to write a joint letter to Tesco asking them to reconsider its changes to evening parking arrangements in their car park.

Cllr Athorn informed the committee that Cllr Cox had previously discussed this matter with him. Cllr Athorn had spoken with a representative of Tesco regarding the changes to the parking arrangements. The representative explained that the changes had been introduced as part of a national change to Tesco's parking arrangements and were not

specific to individual stores. It was therefore considered unlikely that the arrangements could be changed.

The committee also noted that East Suffolk Council car parks within walking distance of the Tesco car park are free of charge after 6.00pm.

Cllr Stubbings proposed that the committee decline the request to write a joint letter with Cllr Cox asking Tesco to reconsider its changes to the evening parking arrangements. This was seconded by the Chair.

The committee voted unanimously in favour and it was therefore,

RESOLVED:
That the committee decline the request to write a joint letter with Cllr Cox to Tesco regarding its evening parking arrangements.

What?	By Whom?	By When?

18 - To agree the date of the next meeting as Tuesday 13th October 2026 at 6.30 pm in the Committee Room at the Town Hall

The date of the next next meeting was confirmed as Tuesday 13th October at the new time of 6pm in the Committee Room at the Town Hall.

Cllr Athorn gave his apologies in advance of the next meeting.

What?	By Whom?	By When?

DRAFT

DRAFT

PLANNING DECISIONS

APPLICATION REF	SITE ADDRESS	PROJECT	BTC DECISION	BA/ESC DECISION
DC/25/4188 /TCA	The Pines , 2 Upper Grange Road, Beccles, Suffolk, NR34 9NU	1no. Ash (marked on plan) Fell	Defer to Tree Officer	Awaiting Decision
DC/25/4214/OU T	Land Located To West Of Ellough Road And To East Of , Oak Lane , Beccles, Suffolk	Outline planning application (with all matters reserved except for access) for a mixed-use sustainable extension allowing for the provision of up to 721 dwellings (Use Class C3) including 30% affordable housing and 5% custom build properties, 5 hectares of employment land, land for a primary school, a Continuing Care Retirement Community (CCRC), a community hub (incorporating retail floorspace, preschool and sports pavilion), children's play areas, public open space and Suitable Alternative Natural Green Space (SANG	Item Deferred	Awaiting Decision
DC/25/4675/OU T	4 Grasshopper Gardens, Beccles, Suffolk, NR34 9ZG	Outline Application (Some Matters Reserved) - Phased development of 6 serviced building plots for self-build and custom housebuilding (northern parcel)	No Objection	Awaiting Decision

PLANNING DECISIONS

APPLICATION REF	SITE ADDRESS	PROJECT	BTC DECISION	BA/ESC DECISION
DC/25/4676/OUT	Land West Of , London Road, Beccles, Suffolk,	Outline Application (Some Matters Reserved) - Phased development of 6 serviced building plots for self-build and custom housebuilding (western parcel)	No Objection	Awaiting Decision
DC/26/1575/FUL	Edwin House, Lowestoft Road, Beccles, Suffolk, NR34 7DE	First floor side extension	No Objection	Application Permitted
DC/26/1564/LBC	7 Ballygate, Beccles, Suffolk, NR34 9NA,	Listed Building Consent - Proposed reinstatement of dormer windows and internal remodeling of 2nd floor attic space	No Objection providing the Heritage Officer is in agreement	Application Permitted
DC/26/1907/FUL	5 Pleasant Place, Beccles, Suffolk, NR34 9YD,	Single storey extension in the form of an Orangery with lantern to the rear of a two storey end terrace dwelling. External dimensions 3.5m x 4m projection	No Objection	Application Permitted
DC/26/1735/FUL	86 Fair Close, Beccles, Suffolk, NR34 9QT,	Replace the windows, front and back door	No objection	Awaiting Decision
DC/26/2432/FUL	14 Alexander Close, Beccles, Suffolk, NR34 9EN,	Flat roof porch	Deferred to Planning Officer	Application Permitted

PLANNING DECISIONS

APPLICATION REF	SITE ADDRESS	PROJECT	BTC DECISION	BA/ESC DECISION
DC/26/2749/TPO Proposal: TPO/109/2021 -	Mile End , Lowestoft Road, Beccles, Suffolk, NR34 7DG	T2 1no. Oak (marked T1 on submitted plan) - Reduce whole crown by 2m	Defer to Tree Officer	Application Permitted
DC/26/0836/FUL	Ashmans Hall, Bungay Road, Barsham, Beccles, Suffolk NR34 8HE Barsham	Retrospective Application - Change of use of a portion of Ashmans Hall estate from a private dwellinghouse (C3) to a professionally managed whole-house holiday let (Sui Generis)	Deputy Clerk to contact the Planning Officer to clarify the consequences of non-compliance with the Noise Management Plan, prior to the Committee making a formal decision on the application. Update: Based on the response from the Planning Officer, the committee is happy to support this application. We have considered carefully the written testimonials from local residents about the noise and disruption, but have been satisfied by the noise management plans,and review process set out.	Application Permitted

PLANNING DECISIONS

APPLICATION REF	SITE ADDRESS	PROJECT	BTC DECISION	BA/ESC DECISION
DC/26/2578/FUL	The Firs, 7 Ashmans Road, Beccles, Suffolk, NR34 9NP	Replacement windows, front door and side panels, render porch wall, replace garage doors with one sectional door, increase width of driveway by reducing the length of L/H front wall (as viewed from road) by 1.25m max and replace wrought iron front gate	No Objection	Awaiting Decision
DC/26/2740/FUL and DC/26/2741/LBC	Bank And Premises , Exchange Square, Beccles, Suffolk, NR34 9HH	Installation of plant and extract equipment plus minor alterations	No Objection	Awaiting Decision
DC/26/2966/VOC | Variation of Condition No.4 of DC/24/2615/FUL	103 Grove Road Beccles Suffolk NR34 9RE	Retrospective application for change of use from Class E to Sui Generis use as a hot food takeaway and restaurant. No external alterations proposed - 4. Hours of Use.	Objection on the grounds of highway safety concerns.	Awaiting Decision

PLANNING DECISIONS

APPLICATION REF	SITE ADDRESS	PROJECT	BTC DECISION	BA/ESC DECISION
DC/26/2974/TCA	2 Upper Grange Road, Beccles, Suffolk, NR34 9NU,	1no. Scots Pine (south of entrance) - Fell	objection on the grounds that the felling of the healthy tree is not considered justified.	No Objection - Comments from Tree Officer: I have determined with no objection, the reasoning behind this determination is that the tree roots are lifting the drive surface, this will increasingly damage more of the surfacing in time. To stop the proposed felling, I would have to serve a TPO, in these circumstances a TPO would not be appropriate due to a short retention span as there would be increased pressure to fell due to the damage being caused. In reality, if a TPO was served and applications to fell refused, ESC could be liable for damages.
BA/2026/0245/TCAA	Riverside House , 65 Northgate,	T1: Willow - Crown lift to 5 meters	Defer to Tree Officer	No Objection
DC/26/2759/FUL	1A Common Lane North , Beccles, Suffolk, NR34 9BN,	Retrospective planning permission for moss statues and signs	No Objection	Awaiting Decision
DC/26/2760/ADN	1A Common Lane North , Beccles, Suffolk, NR34 9BN,	Non-Illuminated Advertisement Consent - Descriptive Signs Free Standing x1	No Objection	Awaiting Decision
DC/26/3042/TCA	The Garages , 54 Northgate, Beccles, Suffolk, NR34 9AU	1no. Ash (marked T1 on submitted plan) - Reduce whole crown by 3m 1no. Dead Tree (marked T2 on submitted plan)	Defer to Tree Officer	No Objection

PLANNING DECISIONS

APPLICATION REF	SITE ADDRESS	PROJECT	BTC DECISION	BA/ESC DECISION
DC/26/3043/TCA	18 South Road, Beccles, Suffolk, NR34 9NN,	1no. Sycamore (marked T1 on submitted plan) - Coppice to 1m from ground level 1no. Yew (marked T2 on submitted plan) - Coppice to 1m from ground level	Objection: The proposed reduction was considered too drastic, but would support a more proportionate reduction.	No Objection
DC/26/3106/TCA	Ben Aigen , London Road, Beccles, Suffolk, NR34 9YR	1no. Honey Locust (marked on submitted plan) - Fell	Objection to the application and request that a Tree Preservation Order (TPO) be placed on the tree.	No Objection

Beccles Town Council
Clerk To Beccles Town Council
Town Hall
The Walk
Beccles
Suffolk
NR34 9AJ

Your ref:
Our ref: DC/26/2927/FUL
Date: 22 September 2026
Please ask for: Daniel Bailes
Direct dial: 01502 523022
Email: planning@eastsuffolk.gov.uk

Dear Sir/Madam,

Planning consultation

Application no.:	DC/26/2927/FUL
Proposal:	To the front elevation, replacement of vehicle impact damaged shop frontage with new aluminium framed and double glazed fixed panes. Rebuild brick column. All to match existing
Site address:	29 Smallgate, Beccles, Suffolk, NR34 9AD,
Consultation letter expiry date:	13 October 2026
Link:	Public Access

A new consultation for application DC/26/2927/FUL has been received in your Public Access Consultee In-tray.

Please submit comments via Public Access **only**.

Note that all comments submitted, and any plans/drawings, photographs, visualisations, assessments or other materials submitted must comply with the East Suffolk Council Artificial Intelligence Policy. Particular regard must be given to paragraph 6.9 of that policy, including declaring where AI has been used in the creation or alteration of comments and items that are submitted, and how it has been used.

If an application is to be considered and determined via Planning Committee, in addition to the established Public Access and CMIS notifications, an email notification will be sent to all relevant ESC Ward Members, and the relevant Town and Parish Council(s). Third Parties and other

consultees will not be notified via email, and they will need to continue to check Public Access and CMIS to see if/when an application is scheduled for Planning Committee. The date of that meeting will be displayed on the 'Important Dates' Tab of the application on Public Access and a report with recommendation will be published at least five working days prior to the meeting at https://eastsuffolk.cmis.uk.com/eastsuffolk/Committees.aspx.

Further information on registering to speak at Planning Committee meetings and how to attend in person or watch via YouTube is published on the webpage for each meeting.

Yours faithfully,



Ben Woolnough MRTPI | Head of Planning and Building Control
East Suffolk Council

Properties which the Local Planning Authority has written to:

31A Newgate, Beccles, Suffolk
33 Newgate, Beccles, Suffolk
33A Newgate, Beccles, Suffolk
27 Smallgate, Beccles, Suffolk
No neighbour letters sent.

Further addresses may be added during the course of the planning application process.

Location Plan

Site Address: **New Look, 29, Smallgate, Beccles, NR34 9AD**

PlanningPortal

Date Produced: **18-Sep-2026**

Scale: **1:1250 @A4**



Planning Portal Reference: **PP-15096095v2**

0 50

Metres

Powered By TerraQuest

© Crown copyright and database rights 2026 OS 100042766

EASTSUFFOLK COUNCIL

Application for Planning Permission, and for relevant demolition of an unlisted building in a conservation area

Town and Country Planning Act 1990 (as amended)

Publication of applications on planning authority websites

Please note that the information provided on this application form and in supporting documents may be published on the Authority's website. If you require any further clarification, please contact the Authority's planning department.

Site Location

Disclaimer: We can only make recommendations based on the answers given in the questions.

If you cannot provide a postcode, the description of site location must be completed. Please provide the most accurate site description you can, to help locate the site - for example "field to the North of the Post Office".

Number: 29

Suffix:

Property Name:

Address Line 1: Smallgate

Address Line 2:

Address Line 3: Suffolk

Town/city: Beccles

Postcode: NR34 9AD

Description of site location must be completed if postcode is not known:

Easting (x): 642227

Northing (y): 290492

Description:

Applicant Details

Name/Company

Title

First name

Surname

Statwell Limited

Company Name

Address

Address line 1

3 Court Lodge 48

Address line 2

Sloane Square

Address line 3

Town/City

London

County

Country

Postcode

SW1W 8AT

Are you an agent acting on behalf of the applicant?

- [x] Yes
- [ ] No

Applicant Contact Details

Primary number

Secondary number

Fax number

Email address

Agent Details

Name/Company

Title

First name

Thomas

Surname

North

Company Name

North & Hawkins

Address

Address line 1

9 Damgate Street

Address line 2

Address line 3

Town/City

Wymondham

County

Country

GB

Postcode

NR18 0BG

Contact Details

Primary number

***** REDACTED ******

Secondary number

Fax number

Email address

***** REDACTED ******

Site Area

What is the measurement of the site area? (numeric characters only).

657.00

Unit

Sq. metres

Description of the Proposal

Please note in regard to:

- **Fire Statements** - From 1 August 2021, planning applications for buildings of over 18 metres (or 7 stories) tall containing more than one dwelling will require a 'Fire Statement' for the application to be considered valid. There are some exemptions. View government planning guidance on fire statements or access the fire statement template and guidance.
- **Permission In Principle** - If you are applying for Technical Details Consent on a site that has been granted Permission In Principle, please include the relevant details in the description below.
- **Public Service Infrastructure** - From 1 August 2021, applications for certain public service infrastructure developments will be eligible for faster determination timeframes. See help for further details or view government planning guidance on determination periods.

Description

Please describe details of the proposed development or works including any change of use

To the front elevation, replacement of vehicle impact damaged shop frontage with new aluminium framed and double glazed fixed panes. Rebuild brick column.

Has the work or change of use already started?

◯ Yes
⊘ No

Explanation for Proposed Demolition Work

Why is it necessary to demolish all or part of the building(s) and/or structure(s)?

Vehicle impact causing structural damage to the brick column and part of the aluminium framed single glazed shop frontage.

Existing Use

Please describe the current use of the site

Retail.

Is the site currently vacant?

◯ Yes
⊘ No

Does the proposal involve any of the following? If Yes, you will need to submit an appropriate contamination assessment with your application.

Land which is known to be contaminated

◯ Yes
⊘ No

Land where contamination is suspected for all or part of the site

◯ Yes
⊘ No

A proposed use that would be particularly vulnerable to the presence of contamination

◯ Yes
⊘ No

Materials

Does the proposed development require any materials to be used externally?

⊘ Yes
◯ No

Please provide a description of existing and proposed materials and finishes to be used externally (including type, colour and name for each material)

Type:
Windows

Existing materials and finishes:
Aluminium frame white powder coated and single glazed.

Proposed materials and finishes:
Aluminium frame white powder coated and double glazed to comply with current building regulations.

Type:
Walls

Existing materials and finishes:
Red brickwork column.

Proposed materials and finishes:
Replacement to match existing.

Are you supplying additional information on submitted plans, drawings or a design and access statement?

⊘ Yes
◯ No

If Yes, please state references for the plans, drawings and/or design and access statement

261204_S-001_P01 - Existing General Arrangement and Section
261204_S-002_P01 Proposed Repairs and Details
N&H/2603010/001 - Elevation as existing
N&H/2603010/003 - Elevation as proposed
N&H/2603010/004 - Block plan
Design, Access and Heritage Statement

Pedestrian and Vehicle Access, Roads and Rights of Way

Is a new or altered vehicular access proposed to or from the public highway?

◯ Yes
⊘ No

Is a new or altered pedestrian access proposed to or from the public highway?

◯ Yes
⊘ No

Are there any new public roads to be provided within the site?

◯ Yes
⊘ No

Are there any new public rights of way to be provided within or adjacent to the site?

◯ Yes
⊘ No

Do the proposals require any diversions/extinguishments and/or creation of rights of way?

◯ Yes
⊘ No

Vehicle Parking

Does the site have any existing vehicle/cycle parking spaces or will the proposed development add/remove any parking spaces?

◯ Yes
⊘ No

Trees and Hedges

Are there trees or hedges on the proposed development site?

◯ Yes
⊘ No

And/or: Are there trees or hedges on land adjacent to the proposed development site that could influence the development or might be important as part of the local landscape character?

◯ Yes
⊘ No

Assessment of Flood Risk

Is the site within an area at risk of flooding? (Check the location on the Government's Flood map for planning. You should also refer to national standing advice and your local planning authority requirements for information as necessary.)

◯ Yes
⊘ No

Is your proposal within 20 metres of a watercourse (e.g. river, stream or beck)?

◯ Yes
⊘ No

Will the proposal increase the flood risk elsewhere?

◯ Yes
⊘ No

How will surface water be disposed of?

☐ Sustainable drainage system

☐ Existing water course

☐ Soakaway

☑ Main sewer

☐ Pond/lake

Biodiversity and Geological Conservation

Is there a reasonable likelihood of the following being affected adversely or conserved and enhanced within the application site, or on land adjacent to or near the application site?

To assist in answering this question correctly, please refer to the help text which provides guidance on determining if any important biodiversity or geological conservation features may be present or nearby; and whether they are likely to be affected by the proposals.

a) Protected and priority species

◯ Yes, on the development site
◯ Yes, on land adjacent to or near the proposed development
⊘ No

b) Designated sites, important habitats or other biodiversity features

◯ Yes, on the development site
◯ Yes, on land adjacent to or near the proposed development
⊘ No

c) Features of geological conservation importance

◯ Yes, on the development site
◯ Yes, on land adjacent to or near the proposed development
⊘ No

Supporting information requirements

Where a development proposal is likely to affect features of biodiversity or geological conservation interest, you will need to submit, with the application, sufficient information and assessments to allow the local planning authority to determine the proposal.

Failure to submit all information required will result in your application being deemed invalid. It will not be considered valid until all information required by the local planning authority has been submitted.

Your local planning authority will be able to advise on the content of any assessments that may be required.

Biodiversity net gain

Biodiversity net gain is a legal requirement for planning permission introduced on 12 February 2024. All applications are required to either provide detailed information proving there will be a biodiversity increase; or explain why the requirement does not apply to the development.

Do you believe that, if the development is granted permission, the general Biodiversity Gain Condition (as set out in Paragraph 13 of Schedule 7A of the Town and Country Planning Act 1990 (as amended)) would apply?

◯ Yes
⊘ No

Biodiversity net gain has been introduced as a general condition for planning permission. As set out in The Environment Act 2021: "grants of planning permission in England [are] to be subject to a condition to secure that the biodiversity gain objective is met". Therefore, in England, all planning permissions are generally subject to biodiversity gain rules, unless they are specifically exempt or out of scope.

If you have stated that the biodiversity net gain requirement does not apply to your application you must provide the reason(s) why, and may also need to supply evidence (especially where you believe the application is eligible for the 'de minimis' exemption).

Please add all the reasons why biodiversity net gain does not apply and enter a justification for each one

Reason biodiversity net gain does not apply:
Development subject to the de minimis exemption (development below the threshold)

Do you confirm that the development falls below the impact threshold and that no onsite priority habitats are impacted?:

Please justify the reason why biodiversity net gain does not apply:
Whilst the building is over 25sqm, the development is merely repair to match existing. There is no new development and no change of use. There is no habitat impacted by the works.

Please read the help text for further information why developments may be exempt or not in scope.

Foul Sewage

Please state how foul sewage is to be disposed of:

☑ Mains sewer
☐ Septic tank
☐ Package treatment plant
☐ Cess pit
☐ Other
☐ Unknown

Are you proposing to connect to the existing drainage system?

◯ Yes
⊘ No
◯ Unknown

Waste Storage and Collection

Do the plans incorporate areas to store and aid the collection of waste?

◯ Yes
⊘ No

Have arrangements been made for the separate storage and collection of recyclable waste?

◯ Yes
⊘ No

Trade Effluent

Does the proposal involve the need to dispose of trade effluents or trade waste?

◯ Yes
⊘ No

Residential/Dwelling Units

Does your proposal include the gain, loss or change of use of residential units?

◯ Yes
⊘ No

All Types of Development: Non-Residential Floorspace

Does your proposal involve the loss, gain or change of use of non-residential floorspace?
Note that 'non-residential' in this context covers all uses except Use Class C3 Dwellinghouses.

◯ Yes
⊘ No

Employment

Are there any existing employees on the site or will the proposed development increase or decrease the number of employees?

◯ Yes
⊘ No

Hours of Opening

Are Hours of Opening relevant to this proposal?

◯ Yes
⊘ No

Industrial or Commercial Processes and Machinery

Does this proposal involve the carrying out of industrial or commercial activities and processes?

◯ Yes
⊘ No

Is the proposal for a waste management development?

◯ Yes
⊘ No

Hazardous Substances

Does the proposal involve the use or storage of Hazardous Substances?

◯ Yes
⊘ No

Site Visit

Can the site be seen from a public road, public footpath, bridleway or other public land?

⊘ Yes
◯ No

If the planning authority needs to make an appointment to carry out a site visit, whom should they contact?

⊘ The agent
◯ The applicant
◯ Other person

Pre-application Advice

Has assistance or prior advice been sought from the local authority about this application?

◯ Yes
⊘ No

Authority Employee/Member

With respect to the Authority, is the applicant and/or agent one of the following:
(a) a member of staff
(b) an elected member
(c) related to a member of staff
(d) related to an elected member

It is an important principle of decision-making that the process is open and transparent.

For the purposes of this question, "related to" means related, by birth or otherwise, closely enough that a fair-minded and informed observer, having considered the facts, would conclude that there was bias on the part of the decision-maker in the Local Planning Authority.

Do any of the above statements apply?

◯ Yes
⊘ No

Ownership Certificates and Agricultural Land Declaration

Certificates under Article 14 - Town and Country Planning (Development Management Procedure) (England) Order 2015 (as amended)

Please answer the following questions to determine which Certificate of Ownership you need to complete: A, B, C or D.

Is the applicant the sole owner of all the land to which this application relates; and has the applicant been the sole owner for more than 21 days?
E.g. All the land is owned by a single individual

- [x] Yes
- [ ] No

Is any of the land to which the application relates part of an Agricultural Holding?

- [ ] Yes
- [x] No

Certificate Of Ownership - Certificate A

I certify/The applicant certifies that on the day 21 days before the date of this application nobody except myself/ the applicant was the owner* of any part of the land or building to which the application relates, and that none of the land to which the application relates is, or is part of, an agricultural holding**

*** "owner" is a person with a freehold interest or leasehold interest with at least 7 years left to run.**

**** "agricultural holding" has the meaning given by reference to the definition of "agricultural tenant" in section 65(8) of the Act.**

NOTE: You should sign Certificate B, C or D, as appropriate, if you are the sole owner of the land or building to which the application relates but the land is, or is part of, an agricultural holding.

Person Role

- [ ] The Applicant
- [x] The Agent

Title

First Name

Thomas

Surname

North

Declaration Date

20/07/2026

- [x] Declaration made

Declaration

I/We hereby apply for Full planning & demolition in a conservation area as described in the questions answered, details provided, and the accompanying plans/drawings and additional information.
I/We confirm that, to the best of my/our knowledge, any facts stated are true and accurate and any opinions given are the genuine opinions of the person(s) giving them.
I/We also accept that, in accordance with the Planning Portal's terms and conditions:
- Once submitted, this information will be made available to the Local Planning Authority and, once validated by them, be published as part of a public register and on the authority's website;
- Our system will automatically generate and send you emails in regard to the submission of this application.

- [x] I / We agree to the outlined declaration

Signed

Thomas North

Date

21/07/2026

EASTSUFFOLK COUNCIL

Application for Planning Permission, and for relevant demolition of an unlisted building in a conservation area

Town and Country Planning Act 1990 (as amended)

Publication of applications on planning authority websites

Please note that the information provided on this application form and in supporting documents may be published on the Authority's website. If you require any further clarification, please contact the Authority's planning department.

Site Location

Disclaimer: We can only make recommendations based on the answers given in the questions.

If you cannot provide a postcode, the description of site location must be completed. Please provide the most accurate site description you can, to help locate the site - for example "field to the North of the Post Office".

Number: 29

Suffix:

Property Name:

Address Line 1: Smallgate

Address Line 2:

Address Line 3: Suffolk

Town/city: Beccles

Postcode: NR34 9AD

Description of site location must be completed if postcode is not known:

Easting (x): 642227

Northing (y): 290492

Description:

Applicant Details

Name/Company

Title

First name

Surname

Statwell Limited

Company Name

Address

Address line 1

3 Court Lodge 48

Address line 2

Sloane Square

Address line 3

Town/City

London

County

Country

Postcode

SW1W 8AT

Are you an agent acting on behalf of the applicant?

- [x] Yes
- [ ] No

Applicant Contact Details

Primary number

Secondary number

Fax number

Email address

Agent Details

Name/Company

Title

First name

Thomas

Surname

North

Company Name

North & Hawkins

Address

Address line 1

9 Damgate Street

Address line 2

Address line 3

Town/City

Wymondham

County

Country

GB

Postcode

NR18 0BG

Contact Details

Primary number

***** REDACTED ******

Secondary number

Fax number

Email address

***** REDACTED ******

Site Area

What is the measurement of the site area? (numeric characters only).

657.00

Unit

Sq. metres

Description of the Proposal

Please note in regard to:

- **Fire Statements** - From 1 August 2021, planning applications for buildings of over 18 metres (or 7 stories) tall containing more than one dwelling will require a 'Fire Statement' for the application to be considered valid. There are some exemptions. View government planning guidance on fire statements or access the fire statement template and guidance.
- **Permission In Principle** - If you are applying for Technical Details Consent on a site that has been granted Permission In Principle, please include the relevant details in the description below.
- **Public Service Infrastructure** - From 1 August 2021, applications for certain public service infrastructure developments will be eligible for faster determination timeframes. See help for further details or view government planning guidance on determination periods.

Description

Please describe details of the proposed development or works including any change of use

To the front elevation, replacement of vehicle impact damaged shop frontage with new aluminium framed and single glazed fixed panes. Rebuild brick column. All to match existing.

Has the work or change of use already started?

◯ Yes
⊘ No

Explanation for Proposed Demolition Work

Why is it necessary to demolish all or part of the building(s) and/or structure(s)?

Vehicle impact causing structural damage to the brick column and part of the aluminium framed single glazed shop frontage.

Existing Use

Please describe the current use of the site

Retail.

Is the site currently vacant?

◯ Yes
⊘ No

Does the proposal involve any of the following? If Yes, you will need to submit an appropriate contamination assessment with your application.

Land which is known to be contaminated

◯ Yes
⊘ No

Land where contamination is suspected for all or part of the site

◯ Yes
⊘ No

A proposed use that would be particularly vulnerable to the presence of contamination

◯ Yes
⊘ No

Materials

Does the proposed development require any materials to be used externally?

⊘ Yes
◯ No

Please provide a description of existing and proposed materials and finishes to be used externally (including type, colour and name for each material)

Type:
Windows

Existing materials and finishes:
Aluminium frame white powder coated and single glazed.

Proposed materials and finishes:
Aluminium frame white powder coated and single glazed to match existing.

Type:
Walls

Existing materials and finishes:
Red brickwork column.

Proposed materials and finishes:
Replacement to match existing.

Are you supplying additional information on submitted plans, drawings or a design and access statement?

⊘ Yes
◯ No

If Yes, please state references for the plans, drawings and/or design and access statement

261204_S-001_P01 - Existing General Arrangement and Section
261204_S-002_P01 Proposed Repairs and Details
N&H/2603010/001 - Elevation as existing
N&H/2603010/003 - Elevation as proposed
N&H/2603010/004 - Block plan
Design, Access and Heritage Statement, Rev A, 19th September 2026

Pedestrian and Vehicle Access, Roads and Rights of Way

Is a new or altered vehicular access proposed to or from the public highway?

◯ Yes
⊘ No

Is a new or altered pedestrian access proposed to or from the public highway?

◯ Yes
⊘ No

Are there any new public roads to be provided within the site?

◯ Yes
⊘ No

Are there any new public rights of way to be provided within or adjacent to the site?

◯ Yes
⊘ No

Do the proposals require any diversions/extinguishments and/or creation of rights of way?

◯ Yes
⊘ No

Vehicle Parking

Does the site have any existing vehicle/cycle parking spaces or will the proposed development add/remove any parking spaces?

◯ Yes
⊘ No

Trees and Hedges

Are there trees or hedges on the proposed development site?

◯ Yes
⊘ No

And/or: Are there trees or hedges on land adjacent to the proposed development site that could influence the development or might be important as part of the local landscape character?

◯ Yes
⊘ No

Assessment of Flood Risk

Is the site within an area at risk of flooding? (Check the location on the Government's Flood map for planning. You should also refer to national standing advice and your local planning authority requirements for information as necessary.)

◯ Yes
⊘ No

Is your proposal within 20 metres of a watercourse (e.g. river, stream or beck)?

◯ Yes
⊘ No

Will the proposal increase the flood risk elsewhere?

◯ Yes
⊘ No

How will surface water be disposed of?

☐ Sustainable drainage system

☐ Existing water course

☐ Soakaway

☑ Main sewer

☐ Pond/lake

Biodiversity and Geological Conservation

Is there a reasonable likelihood of the following being affected adversely or conserved and enhanced within the application site, or on land adjacent to or near the application site?

To assist in answering this question correctly, please refer to the help text which provides guidance on determining if any important biodiversity or geological conservation features may be present or nearby; and whether they are likely to be affected by the proposals.

a) Protected and priority species

◯ Yes, on the development site
◯ Yes, on land adjacent to or near the proposed development
⊘ No

b) Designated sites, important habitats or other biodiversity features

◯ Yes, on the development site
◯ Yes, on land adjacent to or near the proposed development
⊘ No

c) Features of geological conservation importance

◯ Yes, on the development site
◯ Yes, on land adjacent to or near the proposed development
⊘ No

Supporting information requirements

Where a development proposal is likely to affect features of biodiversity or geological conservation interest, you will need to submit, with the application, sufficient information and assessments to allow the local planning authority to determine the proposal.

Failure to submit all information required will result in your application being deemed invalid. It will not be considered valid until all information required by the local planning authority has been submitted.

Your local planning authority will be able to advise on the content of any assessments that may be required.

Biodiversity net gain

Biodiversity net gain is a legal requirement for planning permission introduced on 12 February 2024. All applications are required to either provide detailed information proving there will be a biodiversity increase; or explain why the requirement does not apply to the development.

Do you believe that, if the development is granted permission, the general Biodiversity Gain Condition (as set out in Paragraph 13 of Schedule 7A of the Town and Country Planning Act 1990 (as amended)) would apply?

◯ Yes
⊘ No

Biodiversity net gain has been introduced as a general condition for planning permission. As set out in The Environment Act 2021: "grants of planning permission in England [are] to be subject to a condition to secure that the biodiversity gain objective is met". Therefore, in England, all planning permissions are generally subject to biodiversity gain rules, unless they are specifically exempt or out of scope.

If you have stated that the biodiversity net gain requirement does not apply to your application you must provide the reason(s) why, and may also need to supply evidence (especially where you believe the application is eligible for the 'de minimis' exemption).

Please add all the reasons why biodiversity net gain does not apply and enter a justification for each one

Reason biodiversity net gain does not apply:
Development subject to the de minimis exemption (development below the threshold)

Do you confirm that the development falls below the impact threshold and that no onsite priority habitats are impacted?:
Yes

Please justify the reason why biodiversity net gain does not apply:
Whilst the building is over 25sqm, the development is merely repair to match existing. There is no new development and no change of use. There is no habitat impacted by the works.

Please read the help text for further information why developments may be exempt or not in scope.

Evidence for 'de minimis' exemption claim

Government guidance strongly encourages the provision of evidence (e.g. plans and metric calculations) to allow the local authority to validate your exemption claim, even where the site is zero rated. Failure to submit sufficient information may result in your application being deemed invalid, delaying progress until it is provided.

Please provide the pre-development biodiversity value of onsite habitats on the date of calculation

0

Please provide the date the onsite pre-development biodiversity value was calculated

18/09/2026

This should be either the date of the application, or an earlier proposed date

Please provide the projected post-development biodiversity value

0

Please provide the reference for any document or supporting file (for example, the completed biodiversity metric calculation) that supports the values and justification above and will allow the local planning authority to confirm that the impact on on-site habitats falls below the de minimis threshold, taking into account any on-site priority habitats.

Foul Sewage

Please state how foul sewage is to be disposed of:

- [x] Mains sewer
- [ ] Septic tank
- [ ] Package treatment plant
- [ ] Cess pit
- [ ] Other
- [ ] Unknown

Are you proposing to connect to the existing drainage system?

- ○ Yes
- ⊘ No
- ○ Unknown

Waste Storage and Collection

Do the plans incorporate areas to store and aid the collection of waste?

- ○ Yes
- ⊘ No

Have arrangements been made for the separate storage and collection of recyclable waste?

- ○ Yes
- ⊘ No

Trade Effluent

Does the proposal involve the need to dispose of trade effluents or trade waste?

- ○ Yes
- ⊘ No

Residential/Dwelling Units

Does your proposal include the gain, loss or change of use of residential units?

- ○ Yes
- ⊘ No

All Types of Development: Non-Residential Floorspace

Does your proposal involve the loss, gain or change of use of non-residential floorspace?
Note that 'non-residential' in this context covers all uses except Use Class C3 Dwellinghouses.

- ○ Yes
- ⊘ No

Employment

Are there any existing employees on the site or will the proposed development increase or decrease the number of employees?

◯ Yes
⊘ No

Hours of Opening

Are Hours of Opening relevant to this proposal?

◯ Yes
⊘ No

Industrial or Commercial Processes and Machinery

Does this proposal involve the carrying out of industrial or commercial activities and processes?

◯ Yes
⊘ No

Is the proposal for a waste management development?

◯ Yes
⊘ No

Hazardous Substances

Does the proposal involve the use or storage of Hazardous Substances?

◯ Yes
⊘ No

Site Visit

Can the site be seen from a public road, public footpath, bridleway or other public land?

⊘ Yes
◯ No

If the planning authority needs to make an appointment to carry out a site visit, whom should they contact?

⊘ The agent
◯ The applicant
◯ Other person

Pre-application Advice

Has assistance or prior advice been sought from the local authority about this application?

◯ Yes
⊘ No

Authority Employee/Member

With respect to the Authority, is the applicant and/or agent one of the following:
(a) a member of staff
(b) an elected member
(c) related to a member of staff
(d) related to an elected member

It is an important principle of decision-making that the process is open and transparent.

For the purposes of this question, "related to" means related, by birth or otherwise, closely enough that a fair-minded and informed observer, having considered the facts, would conclude that there was bias on the part of the decision-maker in the Local Planning Authority.

Do any of the above statements apply?

◯ Yes
⊘ No

Ownership Certificates and Agricultural Land Declaration

Certificates under Article 14 - Town and Country Planning (Development Management Procedure) (England) Order 2015 (as amended)

Please answer the following questions to determine which Certificate of Ownership you need to complete: A, B, C or D.

Is the applicant the sole owner of all the land to which this application relates; and has the applicant been the sole owner for more than 21 days? E.g. All the land is owned by a single individual

⊘ Yes
◯ No

Is any of the land to which the application relates part of an Agricultural Holding?

◯ Yes
⊘ No

Certificate Of Ownership - Certificate A

I certify/The applicant certifies that on the day 21 days before the date of this application nobody except myself/ the applicant was the owner* of any part of the land or building to which the application relates, and that none of the land to which the application relates is, or is part of, an agricultural holding**

*** "owner" is a person with a freehold interest or leasehold interest with at least 7 years left to run.**

**** "agricultural holding" has the meaning given by reference to the definition of "agricultural tenant" in section 65(8) of the Act.**

NOTE: You should sign Certificate B, C or D, as appropriate, if you are the sole owner of the land or building to which the application relates but the land is, or is part of, an agricultural holding.

Person Role

◯ The Applicant
⊘ The Agent

Title

First Name

Thomas

Surname

North

Declaration Date

20/07/2026

☑ Declaration made

Declaration

I/We hereby apply for Full planning & demolition in a conservation area as described in the questions answered, details provided, and the accompanying plans/drawings and additional information.
I/We confirm that, to the best of my/our knowledge, any facts stated are true and accurate and any opinions given are the genuine opinions of the person(s) giving them.
I/We also accept that, in accordance with the Planning Portal's terms and conditions:
- Once submitted, this information will be made available to the Local Planning Authority and, once validated by them, be published as part of a public register and on the authority's website;
- Our system will automatically generate and send you emails in regard to the submission of this application.

☑ I / We agree to the outlined declaration

Signed

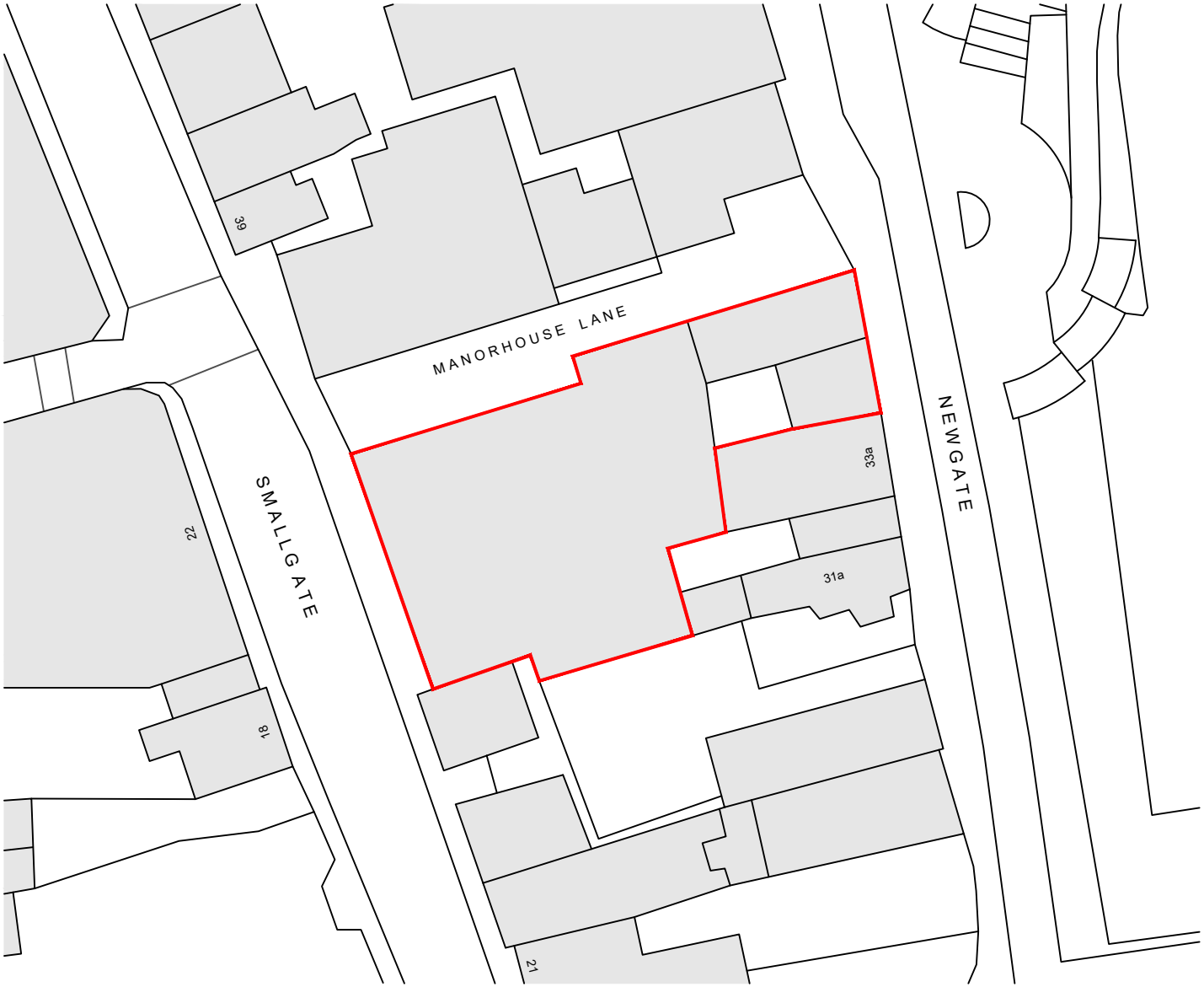
Thomas North

Date

18/09/2026

Amendments Summary

Amended location plan to show more street names.
Amended to confirm replacement glazing will be single glazed to match existing as opposed top previously proposed double glazing.



0 5 10 15 20 25 30m

SCALE BAR 1:500

N

Block Plan

NORTH & HAWKINS
BUILDING CONSULTANCY

Client
Flodrive

Project
29 Smallgate
Beccles
Suffolk

Title
Block Plan

Job No.
2603010

Drawing
004

Revision

Scale
A4@1:500

Date
July 2026

Design Access and Heritage Statement – Rev A (18th September 2026)

29 Smallgate Beccles NR34 9AD

Introduction

This Design, Access and Heritage Statement supports the planning application for repair works to the front elevation at the property following vehicle impact damage which caused structural damage to a loadbearing brick column and impact damage to an aluminium frame and glazed shopfront.

The property is not listed but is situated within the Beccles Conservation Area.

Design

The brick column will be rebuilt to match the existing dimensions and in brickwork and mortar that match the original, meaning there will be no material change to the appearance of the building.

The aluminium frame and glazed portions will be replaced with a matching white powder coated aluminium framework. It is proposed to utilise single glazed panes to match existing.

Access

There will be no changes to the access provision into or out of the building as a result of the works. The main entrance doors at the front of the building were unaffected by the vehicle impact.

Heritage

By replacing the brickwork column and shopfront in matching materials, there will be no material impact upon the heritage asset of the building, or the streetscene contributing to the conservation area generally.

North & Hawkins

20th July 2026
Revision A, 19th September 2026

Design Access and Heritage Statement

29 Smallgate Beccles NR34 9AD

Introduction

This Design, Access and Heritage Statement supports the planning application for repair works to the front elevation at the property following vehicle impact damage which caused structural damage to a loadbearing brick column and impact damage to an aluminium frame and glazed shopfront.

The property is not listed but is situated within the Beccles Conservation Area.

Design

The brick column will be rebuilt to match the existing dimensions and in brickwork and mortar that match the original, meaning there will be no material change to the appearance of the building.

The aluminium frame and glazed portions will be replaced with a matching white powder coated aluminium framework. It is proposed to utilise double glazed units in order to comply with the building regulations threshold U-value for a replacement glazing in commercial buildings which cannot be effectively achieved using single glazed panes.

The impact of changing to double glazed sealed units will be minimal but will have the beneficial impact of a reducing energy consumption and heat loss from the building from the heated retail space within.

Access

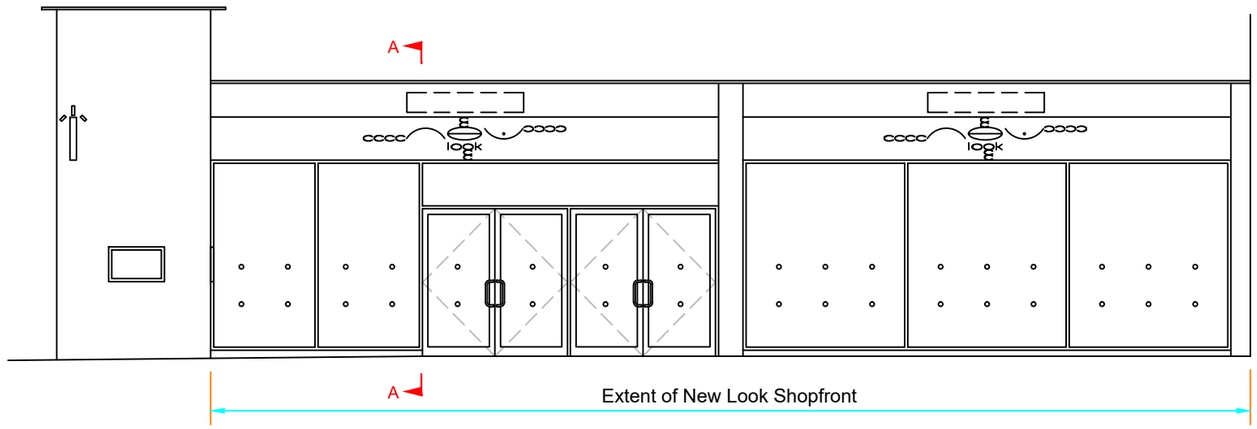
There will be no changes to the access provision into or out of the building as a result of the works. The main entrance doors at the front of the building were unaffected by the vehicle impact.

Heritage

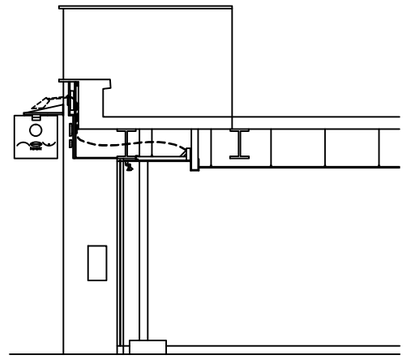
By replacing the brickwork column and shopfront in matching materials, there will be no material impact upon the heritage asset of the building, or the streetscene contributing to the conservation area generally.

North & Hawkins

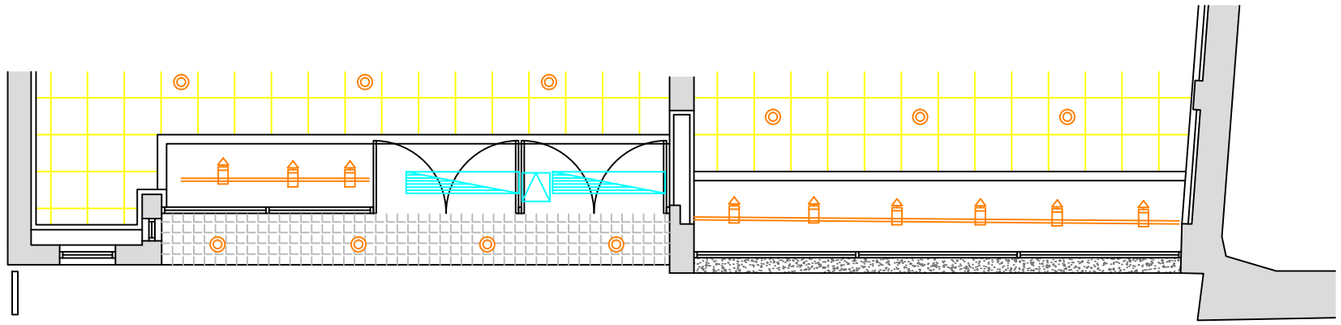
20th July 2026



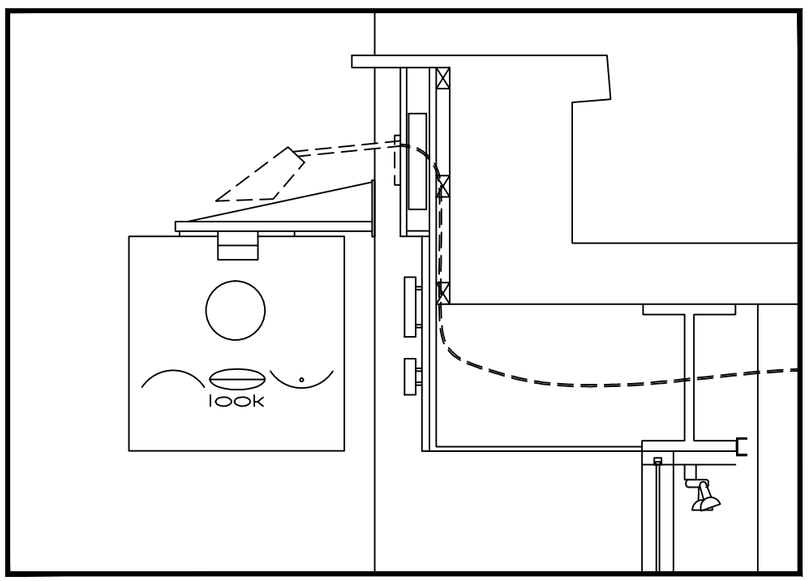
As Built Shopfront Elevation



Shopfront Section A-A



As Built Shopfront Plan



Section Thro Shopfront 1:10

0 1 2 3 4 5 6m

SCALE BAR

NORTH & HAWKINS

BUILDING CONSULTANCY

Client

Flodrive

Project

29 Smallgate
Beccles
Suffolk

Title

As Built Shopfront

Job No.

2603010

Drawing

001

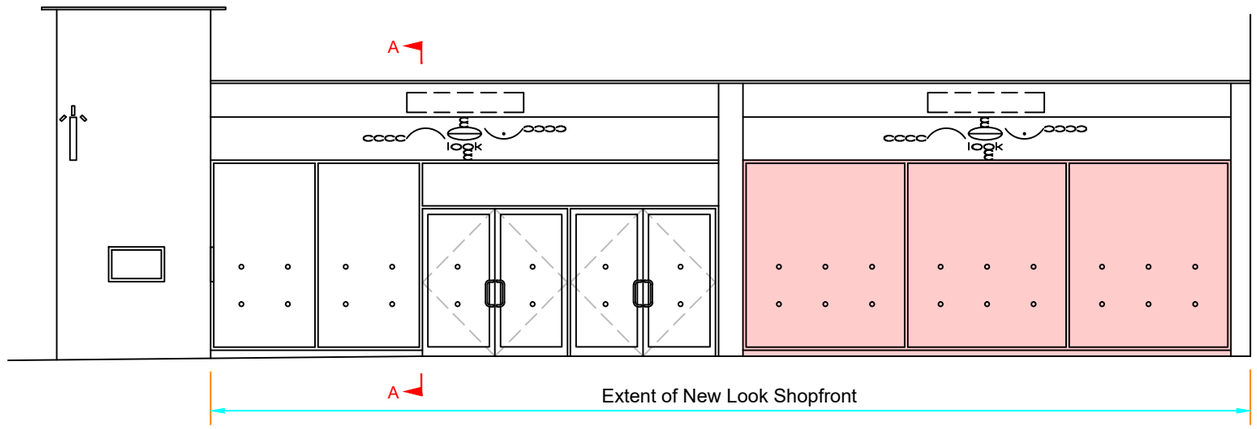
Revision

Scale

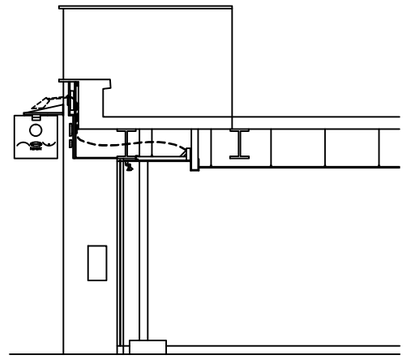
A3@1:100

Date

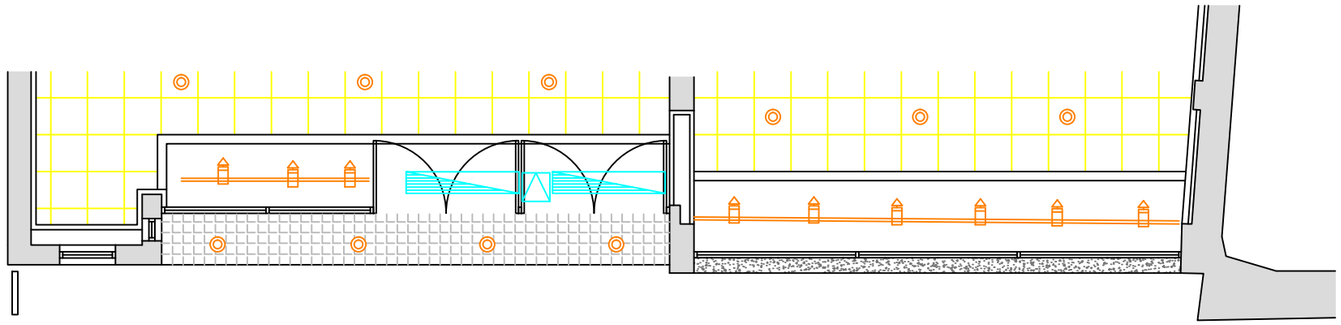
Jun 2026



As Built Shopfront Elevation

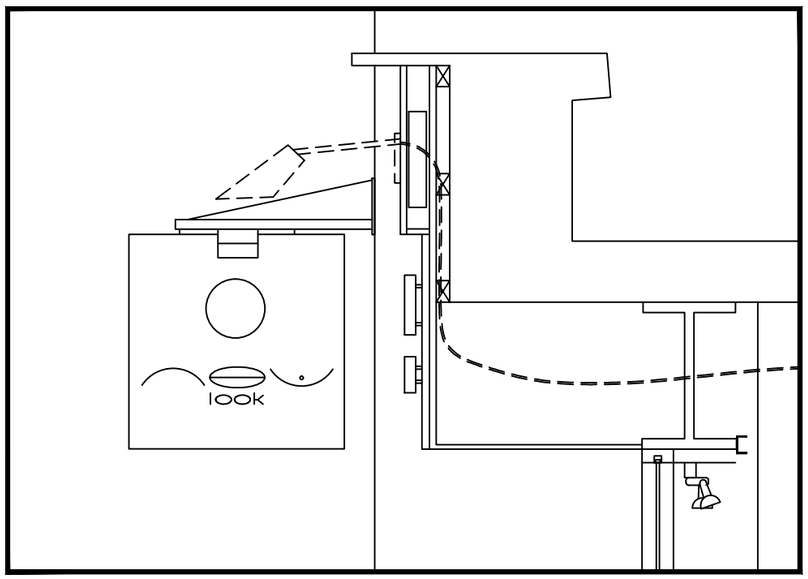


Shopfront Section A-A



As Built Shopfront Plan

= Extent of shop front replacement



Section Thro Shopfront 1:10

0 1 2 3 4 5 6m

SCALE BAR

NORTH & HAWKINS

BUILDING CONSULTANCY

Client

Flodrive

Project

29 Smallgate
Beccles
Suffolk

Title

As Proposed Shopfront

Job No.

2603010

Drawing

003

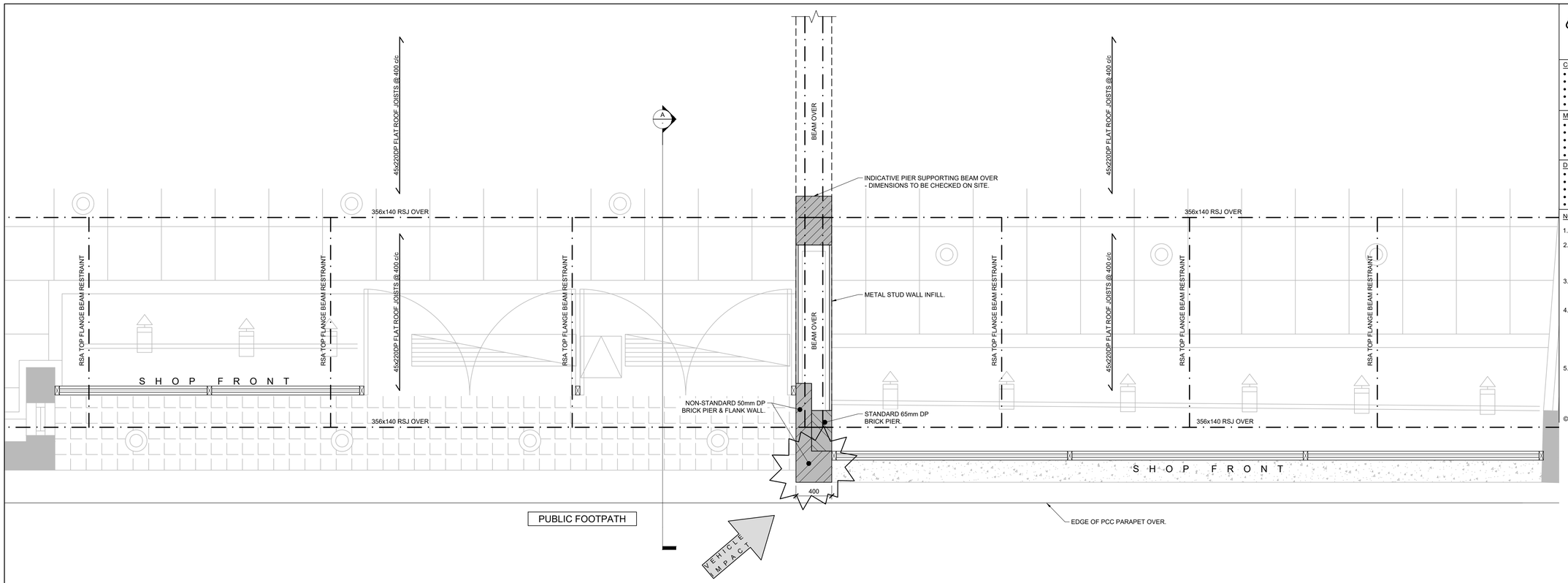
Revision

Scale

A3@1:100

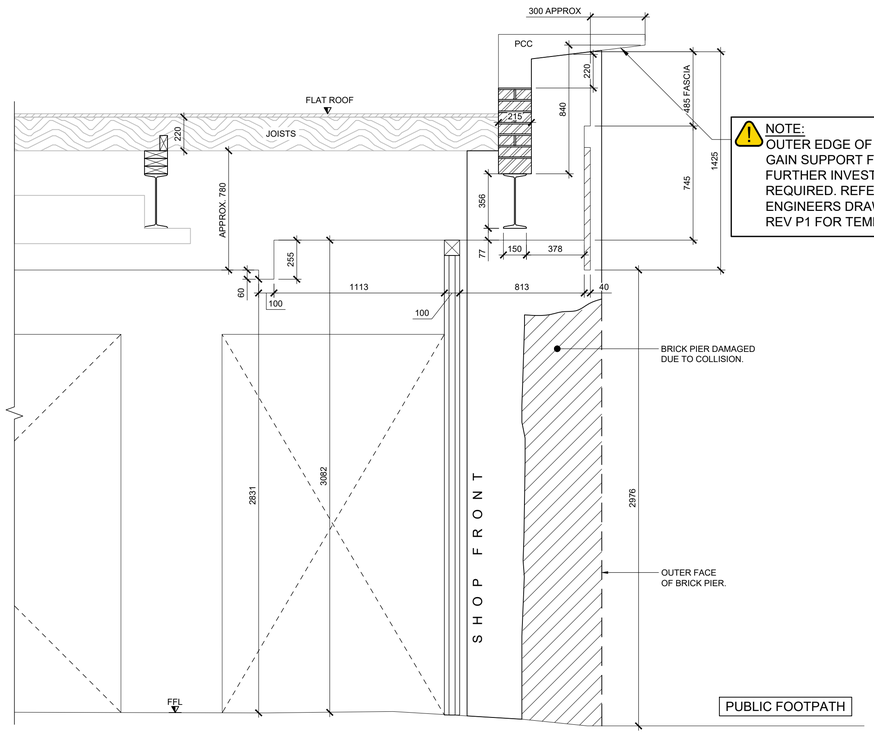
Date

July 2026



EXISTING LAYOUT

1:25



NOTE:
OUTER EDGE OF PC PARAPET APPEARS TO GAIN SUPPORT FROM TIMBER FRAMED FASCIA - FURTHER INVESTIGATIONS & ENHANCEMENTS REQUIRED. REFER TO CTP CONSULTING ENGINEERS DRAWING No. B2071-SK01 & SK-02 REV P1 FOR TEMPORARY PROPPING DETAILS.

SECTION A

1:20

NOTE:
EXISTING STRUCTURE IS TEMPORARILY PROPPED (DETAILS NOT SHOWN ON THIS DRAWING FOR CLARITY) - REFER TO CTP CONSULTING ENGINEERS DRAWING No. B2071-SK01 & SK-02 REV P1 FOR TEMPORARY PROPPING DETAILS. DO NOT ALTER WITHOUT WRITTEN APPROVAL FROM CTP / RLC.

0m 0.4m 0.8m 1.2m 1.6m
SCALE 1:20

0m 0.5m 1m 1.5m 2m
SCALE 1:25

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
NOTES: THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RISK REGISTER PRODUCED FOR INCLUSION IN THE HEALTH AND SAFETY PLAN. THE HAZARDS NOTED ARE IN ADDITION TO THE NORMAL HAZARDS AND RISKS FACED BY A COMPETENT CONTRACTOR WHEN DEALING WITH THE TYPE OF WORKS DETAILED ON THIS DRAWING.

CONSTRUCTION RISKS:
- TEMPORARY STABILITY
- PUBLIC HIGHWAY & FOOT WAY.
- STORE REMAINING IN USE - PUBLIC PROTECTION.
- MAINTAIN PROPERTY SECURITY.
- WORKING AT HEIGHT.

MAINTENANCE/CLEANING/IN USE RISKS:
- TEMPORARY STABILITY
- PUBLIC HIGHWAY & FOOT WAY.
- STORE REMAINING IN USE - PUBLIC PROTECTION.
- MAINTAIN PROPERTY SECURITY.
- WORKING AT HEIGHT.

DEMOLITION RISKS:
- TEMPORARY STABILITY
- PUBLIC HIGHWAY & FOOT WAY.
- STORE REMAINING IN USE - PUBLIC PROTECTION.
- MAINTAIN PROPERTY SECURITY.
- WORKING AT HEIGHT.

NOTE:

1. DO NOT SCALE, IF IN DOUBT ASK.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL ENGINEER'S DRAWINGS AND DETAILS, THE SPECIFICATION FOR THE WORKS, THE RELEVANT ARCHITECT'S DRAWINGS AND ANY OTHER SPECIALIST'S DRAWINGS.
3. ANY DISCREPANCIES FOUND ON THIS OR ANY OTHER DRAWINGS ARE TO BE REPORTED TO AND RESOLVED BY ROSSI LONG CONSULTING BEFORE THE COMMENCEMENT OF ANY WORK RELEVANT TO THE DISCREPANCY.
4. THE PRINCIPAL CONTRACTOR IS TO PROVIDE FULLY DESIGNED PROPPING/SHORING TO FACILITATE THE WORKS. ALL PROPPING & BRACING IS TO BE ADEQUATELY FOUNDED TO ENSURE THE STABILITY/INTEGRITY OF THE EXISTING/PROPOSED STRUCTURES &/OR EARTHWORKS IS MAINTAINED. UNLESS INDICATED ON THE DRAWINGS, THE TEMPORARY WORKS ARE NOT TO IMPOSE REACTIONS ON THE PERMANENT STRUCTURE WITHOUT PRIOR WRITTEN CONSENT FROM ROSSI LONG CONSULTING.
5. THIS DOCUMENT HAS BEEN PREPARED IN ACCORDANCE WITH THE SCOPE OF ROSSI LONG CONSULTING'S APPOINTMENT WITH ITS CLIENT AND IS SUBJECT TO THE TERMS OF THAT APPOINTMENT. ROSSI LONG CONSULTING ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS CLIENT AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED. ONLY WRITTEN DIMENSIONS SHALL BE USED.

© ROSSI LONG CONSULTING 2026.

ALL DIMENSIONS SHOWN ARE TAKEN FROM SITE & SHOULD BE VERIFIED BY CONTRACTOR PRIOR TO USE.

PRELIMINARY DRAWING:
THIS DRAWING IS FOR PRELIMINARY PURPOSES ONLY AND MUST NOT BE READ AS A CONSTRUCTION ISSUE. IT INDICATES DESIGN INTENT ONLY AND IS SUBJECT TO AMENDMENT DURING FINAL DESIGN DEVELOPMENT.

REV	DESCRIPTION	DATE	BY	AUTH
P01	PRELIMINARY ISSUE.	-	-	-

Rossi Long Consulting
16 Meridian Way, Norwich, Norfolk, NR7 0TA
T: 01603 706 420 www.rossilong.co.uk

CLIENT
STATWELL LIMITED

PROJECT
NEW LOOK STORE,
29 SMALLGATE, BECCLES,
NR34 9AD.

TITLE
VEHICLE IMPACT -
EXISTING GA & SECTION

DRAWN	AUTHORISED	DATE	SCALE AT A1
BM	SL	JULY '26	REFER TO DRAWING

SUITABILITY
S2 - INFORMATION

PROJECT NO.	DRAWING FIELDS.	DRAWING NO.	REV
261204		S-001	P01

Date printed: 22 September 2026

Neighbour consultations

Address	Date consulted
31A Newgate, Beccles, Suffolk	22 September 2026
33 Newgate, Beccles, Suffolk	22 September 2026
33A Newgate, Beccles, Suffolk	22 September 2026
27 Smallgate, Beccles, Suffolk	22 September 2026

Further addresses may be added during the planning application process.

Consultees

Consultee	Date consulted
SCC County Archaeological Unit	22 September 2026
Beccles Town Council	22 September 2026

Further consultees may be added during the planning application process.

Location Plan

Site Address: **New Look, 29, Smallgate, Beccles, NR34 9AD**

PlanningPortal

Date Produced: **18-Aug-2026**

Scale: **1:1250 @A4**



Planning Portal Reference: **PP-15096095v1**

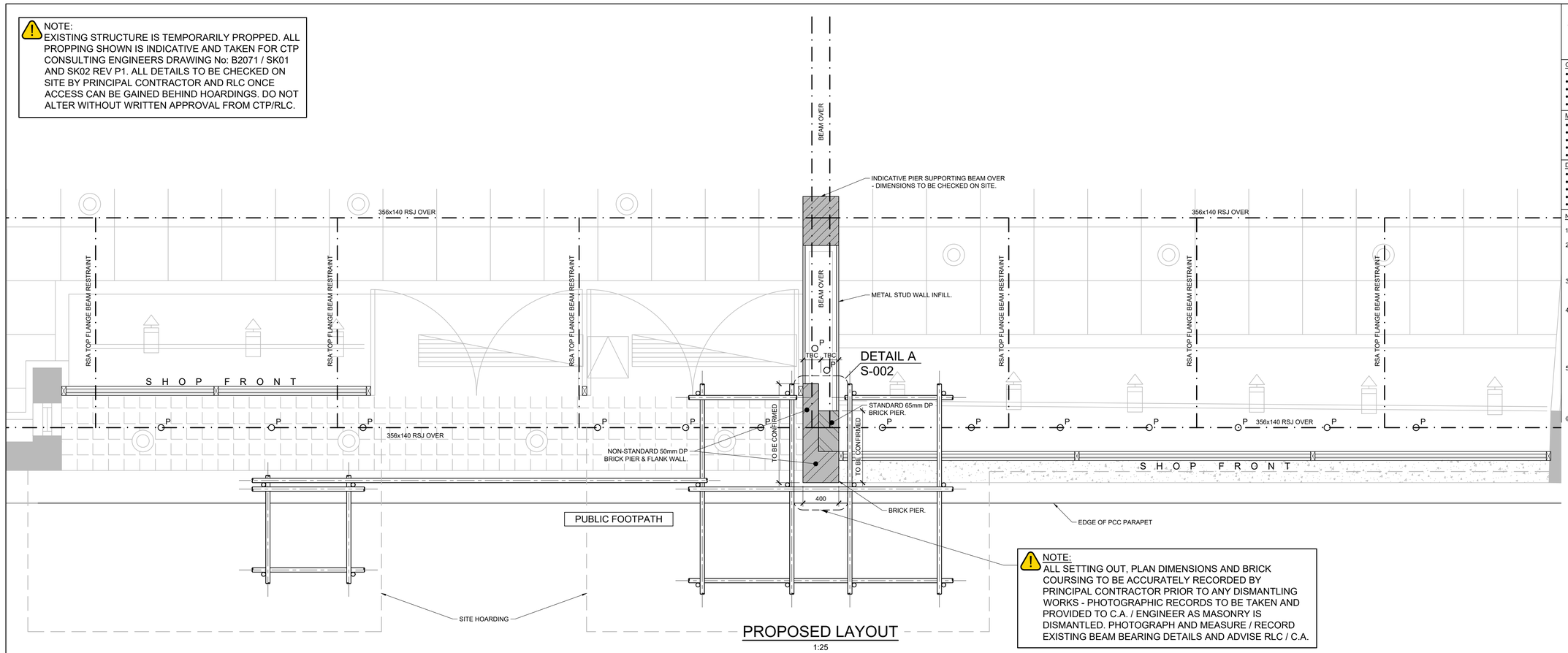
0 50

Metres

Powered By TerraQuest

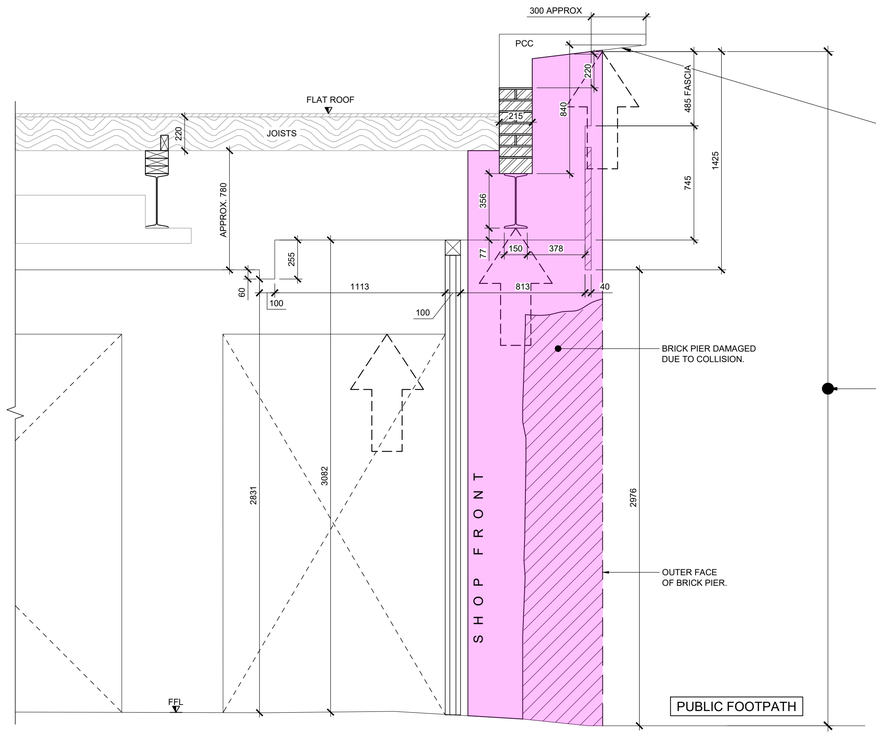
© Crown copyright and database rights 2026 OS 100042766

NOTE:
EXISTING STRUCTURE IS TEMPORARILY PROPPED. ALL PROPPING SHOWN IS INDICATIVE AND TAKEN FOR CTP CONSULTING ENGINEERS DRAWING No: B2071 / SK01 AND SK02 REV P1. ALL DETAILS TO BE CHECKED ON SITE BY PRINCIPAL CONTRACTOR AND RLC ONCE ACCESS CAN BE GAINED BEHIND HOARDINGS. DO NOT ALTER WITHOUT WRITTEN APPROVAL FROM CTP/RLC.



PROPOSED LAYOUT
1:25

NOTE:
ALL SETTING OUT, PLAN DIMENSIONS AND BRICK COURSING TO BE ACCURATELY RECORDED BY PRINCIPAL CONTRACTOR PRIOR TO ANY DISMANTLING WORKS - PHOTOGRAPHIC RECORDS TO BE TAKEN AND PROVIDED TO C.A. / ENGINEER AS MASONRY IS DISMANTLED. PHOTOGRAPH AND MEASURE / RECORD EXISTING BEAM BEARING DETAILS AND ADVISE RLC / C.A.



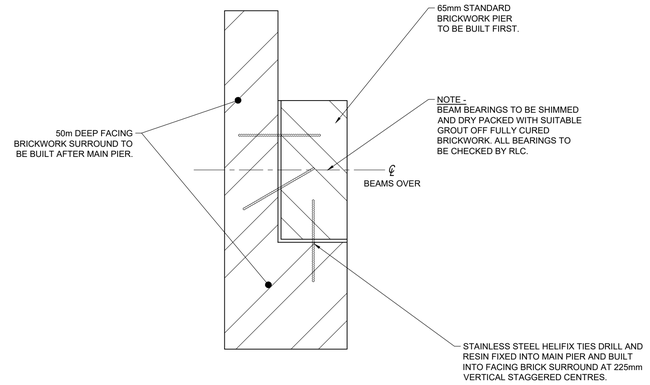
SECTION A
1:20

NOTE:
OUTER EDGE OF PC PARAPET APPEARS TO GAIN SUPPORT FROM TIMBER FRAMED FASCIA - FURTHER INVESTIGATIONS & ENHANCEMENTS REQUIRED. ALLOW TO REMOVE ALL SIGNAGE / FASCIA FOR RLC INSPECTION AND PROVISION OF NEW PLY-BOX BEAM TO RE-SUPPORT PCC COPINGS.

EXISTING PIER SHOWN SHADED TO BE CAREFULLY DISMANTLED AND REBUILT USING MATERIALS TO MATCH EXISTING.

NOTE:
EXISTING PROPPING AND SCAFFOLDING LIKELY TO REQUIRE MODIFICATION TO ENABLE ACCESS.
NO ALTERATIONS PERMITTED TO SCAFFOLDING AND TEMPORARY WORKS WITHOUT RE-DESIGN BY RLC AND WRITTEN APPROVAL.

TEMPORARY WORKS RE-DESIGN TO BE PROVIDED ONCE PRINCIPAL CONTRACTOR HAS BEEN APPOINTED AND ACCESS REQUIREMENTS AND METHOD OF WORKS ARE KNOWN.



DETAIL A
1:10

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
NOTES: THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RISK REGISTER PRODUCED FOR INCLUSION IN THE HEALTH AND SAFETY PLAN. THE HAZARDS NOTED ARE IN ADDITION TO THE NORMAL HAZARDS AND RISKS FACED BY A COMPETENT CONTRACTOR WHEN DEALING WITH THE TYPE OF WORKS DETAILED ON THIS DRAWING.

CONSTRUCTION RISKS:
- TEMPORARY STABILITY
- PUBLIC HIGHWAY & FOOT WAY.
- STORE REMAINING IN USE - PUBLIC PROTECTION.
- MAINTAIN PROPERTY SECURITY.
- WORKING AT HEIGHT.

MAINTENANCE/CLEANING/IN USE RISKS:
- TEMPORARY STABILITY
- PUBLIC HIGHWAY & FOOT WAY.
- STORE REMAINING IN USE - PUBLIC PROTECTION.
- MAINTAIN PROPERTY SECURITY.
- WORKING AT HEIGHT.

DEMOLITION RISKS:
- TEMPORARY STABILITY
- PUBLIC HIGHWAY & FOOT WAY.
- STORE REMAINING IN USE - PUBLIC PROTECTION.
- MAINTAIN PROPERTY SECURITY.
- WORKING AT HEIGHT.

NOTE:

1. DO NOT SCALE, IF IN DOUBT ASK.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL ENGINEER'S DRAWINGS AND DETAILS, THE SPECIFICATION FOR THE WORKS, THE RELEVANT ARCHITECT'S DRAWINGS AND ANY OTHER SPECIALIST'S DRAWINGS.
3. ANY DISCREPANCIES FOUND ON THIS OR ANY OTHER DRAWINGS ARE TO BE REPORTED TO AND RESOLVED BY ROSSI LONG CONSULTING BEFORE THE COMMENCEMENT OF ANY WORK RELEVANT TO THE DISCREPANCY.
4. THE PRINCIPAL CONTRACTOR IS TO PROVIDE FULLY DESIGNED PROPPING/SHORING TO FACILITATE THE WORKS. ALL PROPPING & BRACING IS TO BE ADEQUATELY FOUNDED TO ENSURE THE STABILITY/INTEGRITY OF THE EXISTING/PROPOSED STRUCTURES &/OR EARTHWORKS IS MAINTAINED. UNLESS INDICATED ON THE DRAWINGS, THE TEMPORARY WORKS ARE NOT TO IMPOSE REACTIONS ON THE PERMANENT STRUCTURE WITHOUT PRIOR WRITTEN CONSENT FROM ROSSI LONG CONSULTING.
5. THIS DOCUMENT HAS BEEN PREPARED IN ACCORDANCE WITH THE SCOPE OF ROSSI LONG CONSULTING'S APPOINTMENT WITH ITS CLIENT AND IS SUBJECT TO THE TERMS OF THAT APPOINTMENT. ROSSI LONG CONSULTING ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS CLIENT AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED. ONLY WRITTEN DIMENSIONS SHALL BE USED.

© ROSSI LONG CONSULTING 2026.

LEGEND

~ DENOTES FULLY DESIGNED TEMPORARY PROPPING TO BE MAINTAINED THROUGHOUT WORKS.

P ~ DENOTES TEMPORARY PROP LOCATIONS SHOWN INDICATIVELY.

ALL DIMENSIONS SHOWN ARE TAKEN FROM SITE & SHOULD BE VERIFIED BY CONTRACTOR PRIOR TO USE.

PRELIMINARY DRAWING:
THIS DRAWING IS FOR PRELIMINARY PURPOSES ONLY AND MUST NOT BE READ AS A CONSTRUCTION ISSUE. IT INDICATES DESIGN INTENT ONLY AND IS SUBJECT TO AMENDMENT DURING FINAL DESIGN DEVELOPMENT.

REV	DESCRIPTION	DATE	BY	AUTH
P01	PRELIMINARY ISSUE.	09.07.26	BM	SDL

Rossi Long Consulting
16 Meridian Way, Norwich, Norfolk, NR7 0TA
T: 01603 706 420 www.rossilong.co.uk

CLIENT
STATWELL LIMITED

PROJECT
NEW LOOK STORE,
29 SMALLGATE, BECCLES,
NR34 9AD.

TITLE
VEHICLE IMPACT -
PROPOSED REPAIRS
AND DETAILS

DRAWN	AUTHORISED	DATE	SCALE AT A1
BM	SDL	JULY '26	REFER TO DRAWING

SUITABILITY
S2 - INFORMATION

PROJECT NO.	DRAWING FIELDS.	DRAWING NO.	REV
261204		S-002	P01

0m 0.4m 0.8m 1.2m 1.6m
SCALE 1:20

0m 0.5m 1m 1.5m 2m
SCALE 1:25

Beccles Town Council
Clerk To Beccles Town Council
Town Hall
The Walk
Beccles
Suffolk
NR34 9AJ

Your ref:
Our ref: DC/26/3155/FUL
Date: 24 September 2026
Please ask for: Mr Timothy Warnes
Direct dial: 01502 523020
Email: planning@eastsuffolk.gov.uk

Dear Sir/Madam,

Planning consultation

Application no.:	DC/26/3155/FUL
Proposal:	Replacement timber sashes in two rooms
Site address:	Fernbank , 7 St Georges Road, Beccles, Suffolk, NR34 9YQ
Consultation letter expiry date:	15 October 2026
Link:	Public Access

A new consultation for application DC/26/3155/FUL has been received in your Public Access Consultee In-tray.

Please submit comments via Public Access **only**.

Note that all comments submitted, and any plans/drawings, photographs, visualisations, assessments or other materials submitted must comply with the East Suffolk Council Artificial Intelligence Policy. Particular regard must be given to paragraph 6.9 of that policy, including declaring where AI has been used in the creation or alteration of comments and items that are submitted, and how it has been used.

If an application is to be considered and determined via Planning Committee, in addition to the established Public Access and CMIS notifications, an email notification will be sent to all relevant ESC Ward Members, and the relevant Town and Parish Council(s). Third Parties and other consultees will not be notified via email, and they will need to continue to check Public Access and CMIS to see if/when an application is scheduled for Planning Committee. The date of that meeting

will be displayed on the 'Important Dates' Tab of the application on Public Access and a report with recommendation will be published at least five working days prior to the meeting at https://eastsuffolk.cmis.uk.com/eastsuffolk/Committees.aspx.

Further information on registering to speak at Planning Committee meetings and how to attend in person or watch via YouTube is published on the webpage for each meeting.

Yours faithfully,



Ben Woolnough MRTPI | Head of Planning and Building Control
East Suffolk Council

Properties which the Local Planning Authority has written to:

Wavertree, St Georges Road, Beccles
5 St Georges Road, Beccles, Suffolk
Providence Lodge, Fredericks Road, Beccles
No neighbour letters sent.

Further addresses may be added during the course of the planning application process.

EASTSUFFOLK COUNCIL

Householder Application for Planning Permission for works or extension to a dwelling

Town and Country Planning Act 1990 (as amended)

Publication of applications on planning authority websites

Please note that the information provided on this application form and in supporting documents may be published on the Authority's website. If you require any further clarification, please contact the Authority's planning department.

Site Location

Disclaimer: We can only make recommendations based on the answers given in the questions.

If you cannot provide a postcode, the description of site location must be completed. Please provide the most accurate site description you can, to help locate the site - for example "field to the North of the Post Office".

Number: 7

Suffix:

Property Name: Fernbank

Address Line 1: St Georges Road

Address Line 2:

Address Line 3: Suffolk

Town/city: Beccles

Postcode: NR34 9YQ

Description of site location must be completed if postcode is not known:

Easting (x): 642302

Northing (y): 289710

Description:

Applicant Details

Name/Company

Title

Mr

First name

David

Surname

Cooper

Company Name

Sash Window Preservation Ltd

Address

Address line 1

Sash Window Preservation Ltd

Address line 2

1 Metcalf Close

Address line 3

Sweet Briar Road Industrial Estate

Town/City

Norwich

County

Country

United Kingdom

Postcode

NR3 2BP

Are you an agent acting on behalf of the applicant?

- [x] Yes
- [ ] No

Applicant Contact Details

Primary number

***** REDACTED ******

Secondary number

Fax number

Email address

***** REDACTED ******

Agent Details

Name/Company

Title

Mr

First name

David

Surname

Cooper

Company Name

Sash Window Preservation Limited

Address

Address line 1

Sash Window Preservation Ltd

Address line 2

1 Metcalf Close

Address line 3

Sweet Briar Road Industrial Estate

Town/City

Norwich

County

Country

GB

Postcode

NR3 2BP

Contact Details

Primary number

***** REDACTED ******

Secondary number

Fax number

Email address

***** REDACTED ******

Description of Proposed Works

Please describe the proposed works

We are proposing to replace the timber sashes, to two different rooms. The new sashes will be manufactured on a like for like basis, using Accoya timber and slim heritage glazing, whilst keeping the existing sash box. This is to help improve the thermal performance, whilst preserving the character and appearance of the property.

Has the work already been started without consent?

◯ Yes
⊘ No

Materials

Does the proposed development require any materials to be used externally?

◯ Yes
⊘ No

Trees and Hedges

Are there any trees or hedges on the property or on adjoining properties which are within falling distance of the proposed development?

◯ Yes
⊘ No

Will any trees or hedges need to be removed or pruned in order to carry out your proposal?

◯ Yes
⊘ No

Pedestrian and Vehicle Access, Roads and Rights of Way

Is a new or altered vehicle access proposed to or from the public highway?

◯ Yes
⊘ No

Is a new or altered pedestrian access proposed to or from the public highway?

◯ Yes
⊘ No

Do the proposals require any diversions, extinguishment and/or creation of public rights of way?

◯ Yes
⊘ No

Parking

Will the proposed works affect existing car parking arrangements?

◯ Yes
⊘ No

Biodiversity net gain

Paragraph 13 of Schedule 7A of the Town and Country Planning Act 1990 sets out that every planning permission granted for the development of land in England shall be deemed to have been granted subject to the 'biodiversity gain condition' requiring development to achieve a net gain of 10% of biodiversity value.

This is subject to exemptions, an exemption applies in relation to planning permission for a development which is the subject of a householder application, within the meaning of article 2(1) of the Town and Country Planning (Development Management Procedure) (England) Order (2015)*.

Applicants for planning permission are required to make a statement as to whether they believe the biodiversity gain condition will apply if permission is granted, please confirm:

☑ It is my belief that if permission is granted for the development to which this application relates the biodiversity gain condition would not apply

*A 'householder application' means an application for planning permission for development for an existing dwellinghouse, or development within the curtilage of such a dwellinghouse for any purpose incidental to the enjoyment of the dwellinghouse which is not an application for change of use or an application to change the number of dwellings in a building.

Site Visit

Can the site be seen from a public road, public footpath, bridleway or other public land?

⊘ Yes
◯ No

If the planning authority needs to make an appointment to carry out a site visit, whom should they contact?

⊘ The agent
◯ The applicant
◯ Other person

Pre-application Advice

Has assistance or prior advice been sought from the local authority about this application?

◯ Yes
⊘ No

Authority Employee/Member

With respect to the Authority, is the applicant and/or agent one of the following:
(a) a member of staff
(b) an elected member
(c) related to a member of staff
(d) related to an elected member

It is an important principle of decision-making that the process is open and transparent.

For the purposes of this question, "related to" means related, by birth or otherwise, closely enough that a fair-minded and informed observer, having considered the facts, would conclude that there was bias on the part of the decision-maker in the Local Planning Authority.

Do any of the above statements apply?

- [x] Yes
- [ ] No

If yes, please provide details of their name, role, and how they are related:

***** REDACTED ******

Ownership Certificates and Agricultural Land Declaration

Certificates under Article 14 - Town and Country Planning (Development Management Procedure) (England) Order 2015 (as amended)

Please answer the following questions to determine which Certificate of Ownership you need to complete: A, B, C or D.

Is the applicant the sole owner of all the land to which this application relates; and has the applicant been the sole owner for more than 21 days? E.g. All the land is owned by a single individual

- [x] Yes
- [ ] No

Is any of the land to which the application relates part of an Agricultural Holding?

- [ ] Yes
- [x] No

Certificate Of Ownership - Certificate A

I certify/The applicant certifies that on the day 21 days before the date of this application nobody except myself/ the applicant was the owner* of any part of the land or building to which the application relates, and that none of the land to which the application relates is, or is part of, an agricultural holding**

*** "owner" is a person with a freehold interest or leasehold interest with at least 7 years left to run.**

**** "agricultural holding" has the meaning given by reference to the definition of "agricultural tenant" in section 65(8) of the Act.**

NOTE: You should sign Certificate B, C or D, as appropriate, if you are the sole owner of the land or building to which the application relates but the land is, or is part of, an agricultural holding.

Person Role

- [ ] The Applicant
- [x] The Agent

Title

Mr

First Name

David

Surname

Cooper

Declaration Date

31/08/2026

☑ Declaration made

Declaration

I/We hereby apply for Householder planning permission as described in the questions answered, details provided, and the accompanying plans/drawings and additional information.
I/We confirm that, to the best of my/our knowledge, any facts stated are true and accurate and any opinions given are the genuine opinions of the person(s) giving them.
I/We also accept that, in accordance with the Planning Portal's terms and conditions:
- Once submitted, this information will be made available to the Local Planning Authority and, once validated by them, be published as part of a public register and on the authority's website;
- Our system will automatically generate and send you emails in regard to the submission of this application.

☑ I / We agree to the outlined declaration

Signed

David Cooper

Date

07/09/2026

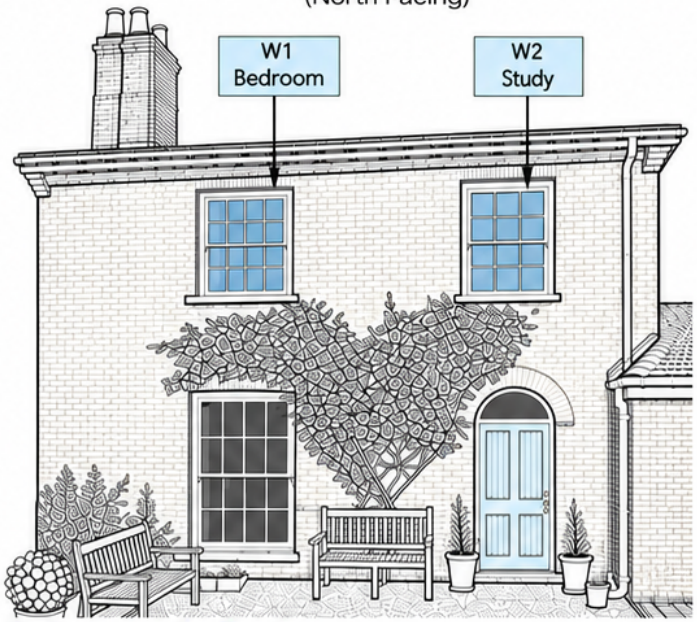
Sash Window PRESERVATION

BRINGING ARTISAN TO THE 21ST CENTURY

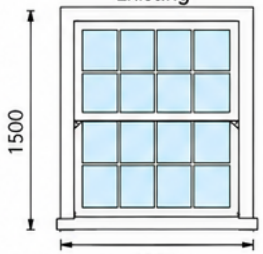
EXISTING FRONT ELEVATION
(North Facing)



PROPOSED FRONT ELEVATION
(North Facing)

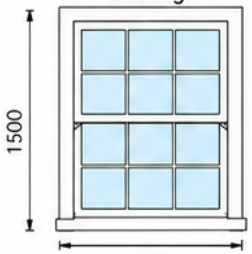


W1 – BEDROOM
(First Floor)
Existing



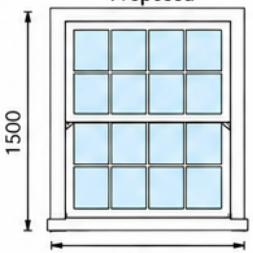
8 over 8
sliding sash

W2 – STUDY
(First Floor)
Existing



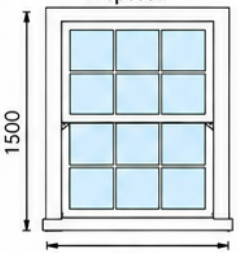
6 over 6
sliding sash

W1 – BEDROOM
(First Floor)
Proposed



8 over 8
sliding sash
(no change)

W2 – STUDY
(First Floor)
Proposed



6 over 6
sliding sash
(no change)

MATERIALS

Sashes:	Timber (like-for-like replacement)
Glazing:	14mm slim double glazing
Frames:	Existing frames retained
Method:	New top and bottom sashes to existing openings. No change to external appearance or window openings.

WINDOW DETAILS: 1:50 @ A4

0 0.5 1 1.5 2 2.5 Metres

BUILDING ELEVATIONS:
ILLUSTRATIVE / NOT TO SCALE

FERN BANK
7 ST GEORGE'S ROAD, BECCLES, NR34 9YQ
EXISTING AND PROPOSED FRONT ELEVATION

Drawing No:	FB-ELEV-001
Revision:	A
Date:	September 2026
Scale:	Window details 1:50 @ A4 Building elevations: Illustrative / Not to scale
Revision Notes:	A – First issue

AI USE DECLARATION

This drawing contains AI-generated/AI-assisted illustrative content produced using OpenAI ChatGPT (GPT-5) on 18 September 2026.
The AI-generated building elevation was based on photographs of the existing property and measured window survey information supplied by Sash Window Preservation.
AI has been used to create an illustrative representation of the existing building and proposed window alterations. The measured window sizes and configurations (W1: 1193 x 1500 mm, 8 over 8; W2: 890 x 1500 mm, 6 over 6) are taken from our survey records.
AI has not been used to establish surveyed building dimensions, site boundaries or legal/property information. Sash Window Preservation accepts responsibility for checking the factual accuracy of the information submitted and for its lawful use, including applicable copyright, data protection and other submission requirements.

DESIGN AND ACCESS STATEMENT

Proposal: Replacement of Existing Sash Windows (Front Elevation – First Floor)

Property: Fern Bank, NR34 9YD

Applicant: Christine Nichols

Agent: Sash Window Preservation

Local Planning Authority: East Suffolk Council

1. Introduction

This Design and Heritage Statement has been prepared in support of an application for planning permission for the replacement of the existing sash windows at Fern Bank, NR34 9YD. (Front Elevation – First Floor)

Fern Bank is situated within the Beccles Conservation Area and the proposed works have therefore been carefully considered in relation to the architectural character and appearance of the property and the character of its wider historic surroundings.

The proposal by Sash Window Preservation is to replace the existing sash windows (Front Elevation – First Floor) on a like-for-like basis, retaining their established proportions, configuration, opening arrangements and traditional architectural detailing. Whilst keeping the original sash box.

The replacement windows will be manufactured from Accoya timber and will incorporate slim-profile heritage glazing. This approach will provide an improvement in thermal performance and durability while maintaining the traditional appearance and character of the property.

2. Existing Property

Fern Bank is a residential property located within the Beccles Conservation Area.

The existing sash windows form an important part of the architectural appearance of the property and contribute to the character and visual rhythm of its elevations.

The proposal does not seek to alter the architectural form of the building or introduce a different style of window. Instead, the existing sash windows will be replaced with traditionally constructed timber sash windows that closely replicate the existing windows in terms of their appearance, proportions and detailing. (Whilst keeping the original sash box)

3. Proposed Development

The proposal comprises the replacement of the existing sash windows with new traditionally constructed timber sash windows on a like-for-like basis.

The replacement windows will retain, as far as reasonably practicable:

Existing window openings and dimensions;

Overall window proportions;

Existing sash configuration;

Existing pane arrangement;

Glazing bar proportions and detailing;

Meeting rail proportions;

Frame and sash sightlines;

Traditional sash operation; and

External architectural detailing.

There will be no enlargement, repositioning or alteration of the existing window / sash box.

The intention is to ensure that the replacement windows remain visually consistent with the existing building and preserve the established architectural character of the elevations.

4. Materials and Construction

The replacement windows will be manufactured using Accoya timber.

Accoya is a highly durable and dimensionally stable timber which is particularly suitable for external joinery. Its use will provide a long-lasting window solution while retaining the appearance, texture and qualities associated with traditional timber windows.

5. Glazing

The replacement sashes will incorporate slim-profile heritage glazing.

The glazing has been selected to provide improved thermal performance compared with the existing windows while maintaining slim and appropriate sightlines.

This approach provides an opportunity to improve the energy efficiency and comfort of the property without introducing visually bulky modern glazing units that could detract from the traditional appearance and proportions of the sash windows.

The glazing specification will therefore seek to balance improved thermal performance with the conservation requirement to retain an appropriate traditional appearance.

6. Design and Conservation Considerations

The principal design consideration is to ensure that the replacement windows preserve the character and appearance of Fern Bank and make a positive contribution to the character of the Beccles Conservation Area.

The proposal has deliberately been based upon a like-for-like approach.

No change to the overall window proportions, existing openings or architectural rhythm of the elevations is proposed.

The use of traditionally detailed timber sash windows will maintain the established appearance of the property. The incorporation of slim-profile heritage glazing will provide improved thermal performance while keeping visual changes to a minimum.

The proposed materials, construction and detailing have therefore been selected to provide an appropriate balance between:

Heritage and conservation considerations;

Traditional architectural appearance;

Durability and longevity;

Improved thermal performance; and

The continued maintenance of the building's established character.

7. Thermal Performance and Sustainability

The existing windows provide limited thermal insulation when compared with modern glazing.

The proposed slim-profile heritage glazing will improve the thermal performance of the windows and assist in reducing heat loss from the property.

The use of Accoya timber will also provide a durable and long-lasting solution. Its dimensional stability and suitability for external joinery will assist in extending the service life of the replacement windows and reducing the need for premature replacement.

The proposal therefore represents a sustainable improvement to the property while retaining its traditional architectural appearance.

Importantly, the works seek to achieve improved energy efficiency without compromising the established character of the building or the conservation area.

8. Impact on the Conservation Area

The proposed works are considered to have a minimal visual impact on the character and appearance of the Beccles Conservation Area.

The replacement windows will occupy the existing openings and will replicate the established sash window design, proportions and detailing.

There will be no alteration to the building's footprint, roof form, elevations or overall architectural arrangement.

The proposal will therefore retain the existing visual rhythm and architectural character of the property and will not introduce an inappropriate or incongruous modern element into the conservation area.

The replacement of the windows with traditionally detailed timber sash windows will ensure that the established character of the property is maintained for the long term.

9. Access

The proposal does not involve any alteration to the existing pedestrian or vehicular access arrangements serving Fern Bank.

The replacement sash windows will retain their traditional method of operation and will continue to provide natural light and ventilation to the rooms they serve.

The proposed works are therefore confined to the replacement of the existing windows and will have no material effect upon access to or around the property.

10. Heritage Considerations

The proposal has been developed with regard to the location of Fern Bank within the Beccles Conservation Area.

The existing sash windows contribute to the visual character of the property, and the proposed replacement windows have consequently been designed to retain the principal characteristics of the existing fenestration.

The proposal does not seek to introduce a contemporary window design or alter the historic proportions of the elevations. Instead, it seeks to reproduce the established form and detailing of the existing sash windows using durable modern timber and slim-profile heritage glazing.

This approach allows necessary maintenance and improvement works to be undertaken while respecting the architectural character of the property and the wider conservation area.

11. Conclusion

The proposed replacement of the existing sash windows at Fern Bank, NR34 9YD, has been carefully designed to respect the character of the property and its location within the Beccles Conservation Area.

The replacement windows will be manufactured from Accoya timber and will replicate the existing sash windows on a like-for-like basis, retaining their proportions, configuration, detailing and traditional appearance.

The incorporation of slim-profile heritage glazing will provide improved thermal performance while maintaining appropriate traditional sightlines and minimising visual impact.

The proposal represents a sympathetic, proportionate and sustainable improvement which will enhance the long-term performance, durability and energy efficiency of the windows without adversely affecting the character or appearance of the property or the wider conservation area.

Sash Window Preservation therefore considers that the proposed works are appropriate and sympathetic to Fern Bank and its historic surroundings, and that the replacement windows will preserve the established architectural character of the property.

Prepared by:

Sash Window Preservation

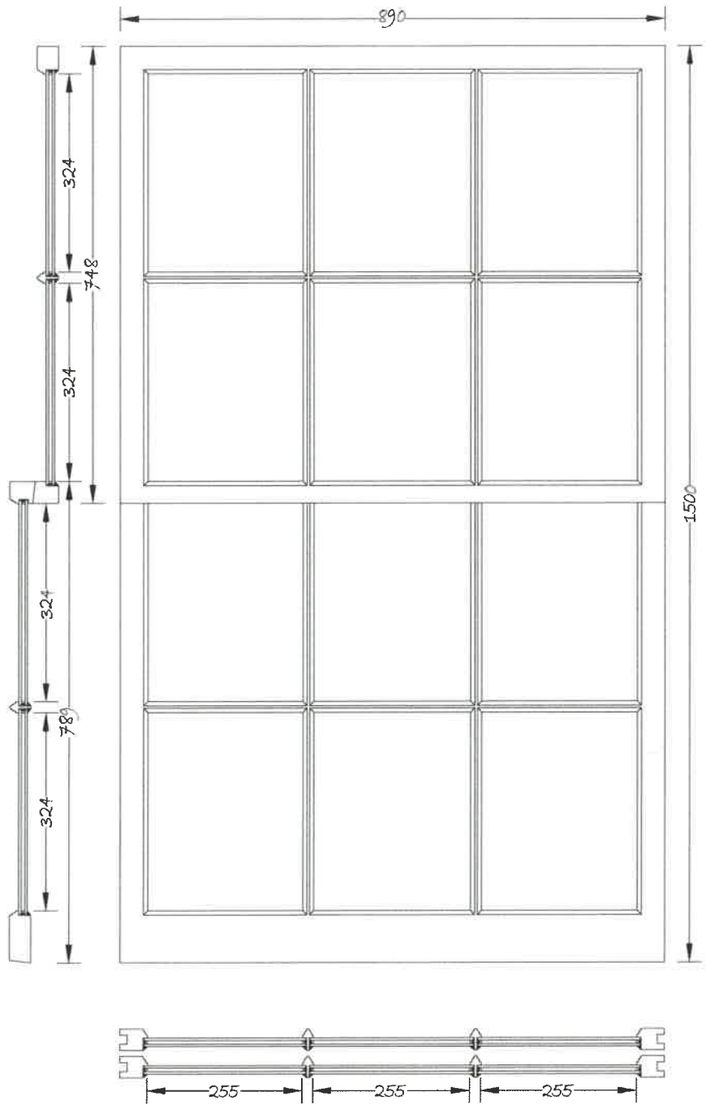
1 Metcalf Close

Sweet Briar Industrial Estate

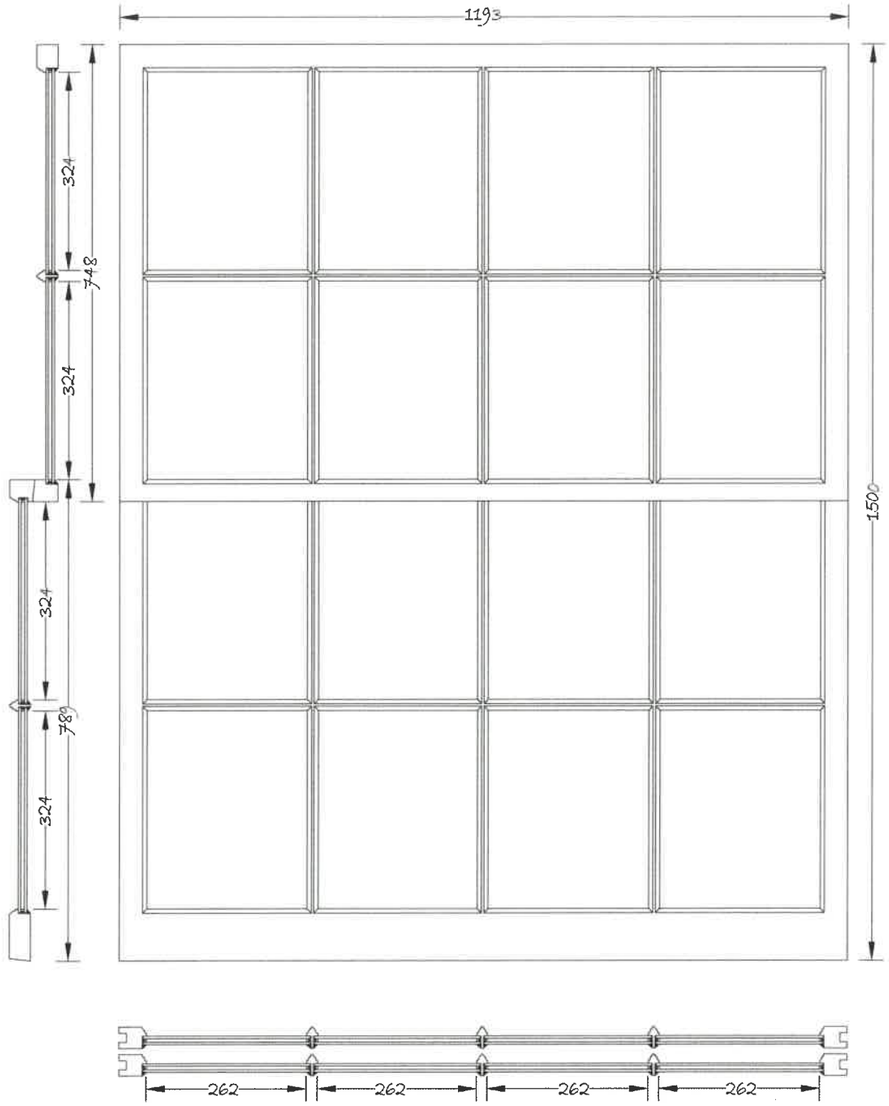
Norwich

NR3 2BP

01603 908252



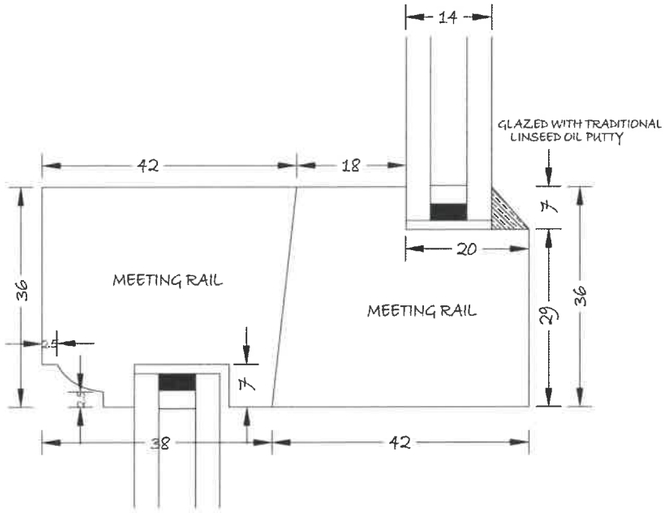
STUDY



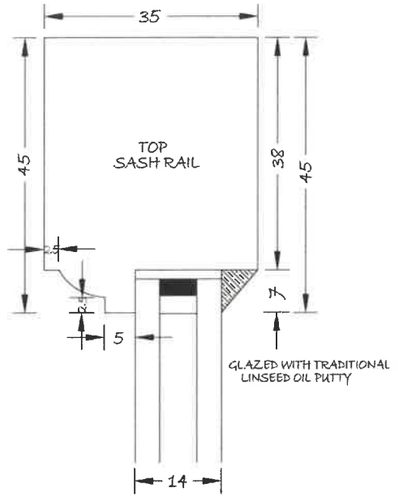
MASTER BEDROOM

Sash Window PRESERVATION

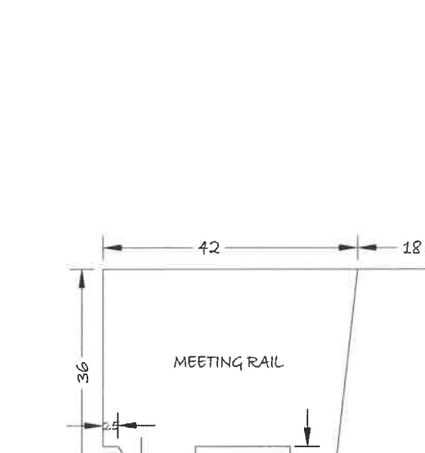
FERN BANK, 7 ST GEORGE'S ROAD, BECCLES NR34 9YQ	ELEVATION	SCALE 1:10 @ A3	DATE 04.09.26	DRAWING NUMBER 2026091-02	REVISION



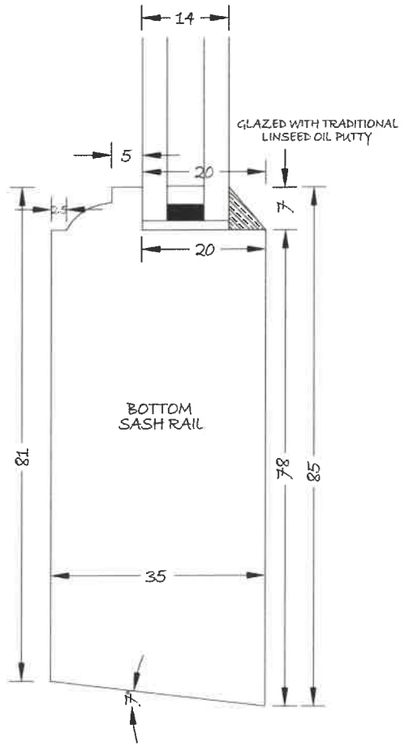
SECTION THROUGH MEETING RAILS



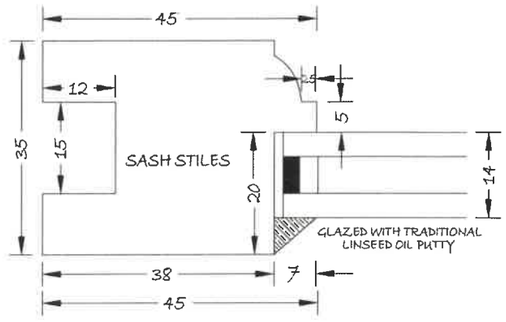
SECTION THROUGH TOP SASH RAIL



SECTION THROUGH GLAZING BARS



SECTION THROUGH BOTTOM SASH RAIL



SECTION THROUGH SASH STILES

Sash Window PRESERVATION

FERN BANK, 7 ST GEORGE'S ROAD, BECCLES NR34 9YQ	FULL SIZE DETAILS	SCALE 1:1 @ A3	DATE 04.09.26	DRAWING NUMBER 2026091-01	REVISION

Date printed: 24 September 2026

Neighbour consultations

Address	Date consulted
Wavertree, St Georges Road, Beccles	24 September 2026
5 St Georges Road, Beccles, Suffolk	24 September 2026
Providence Lodge, Fredericks Road, Beccles	24 September 2026

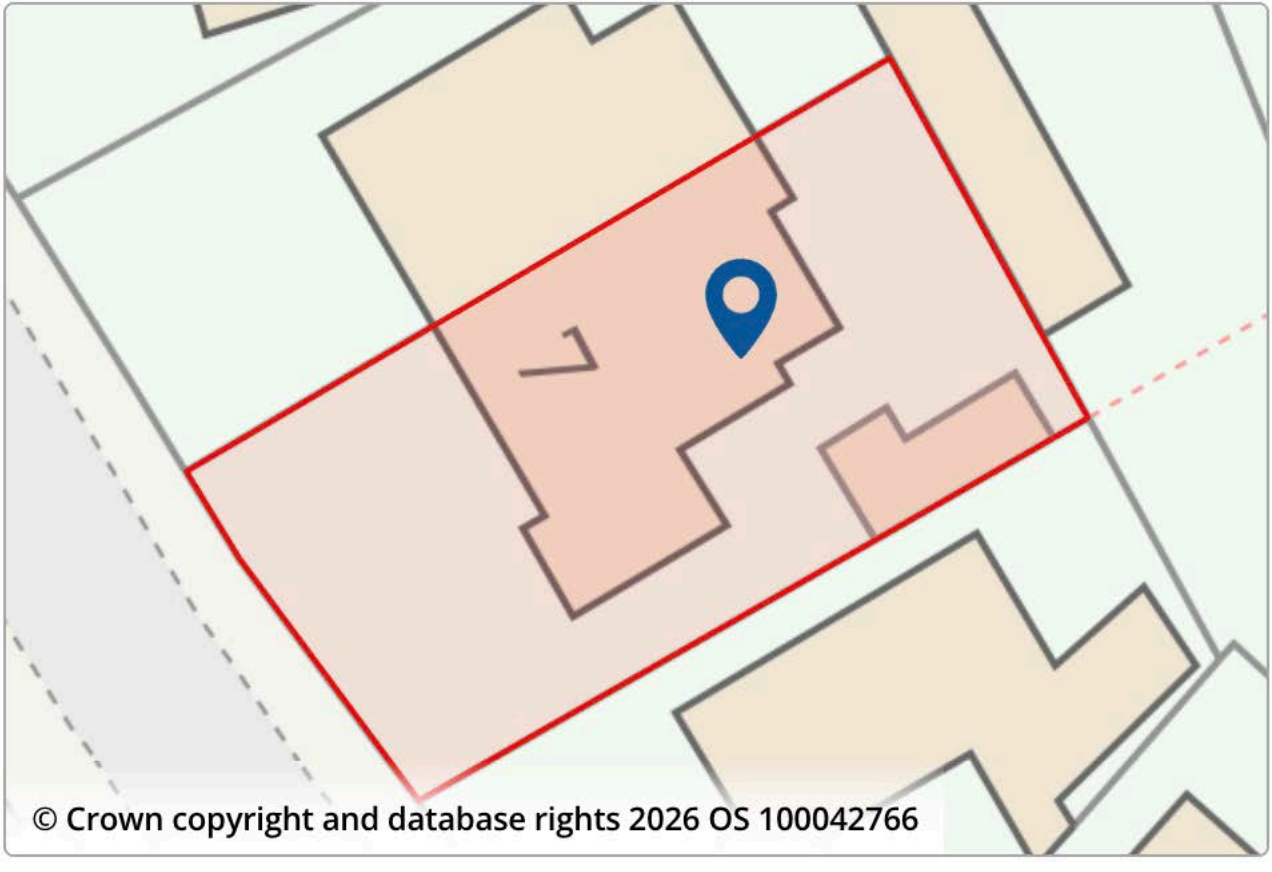
Further addresses may be added during the planning application process.

Consultees

Consultee	Date consulted
Beccles Town Council	24 September 2026

Further consultees may be added during the planning application process.


FERN BA
7



© Crown copyright and database rights 2026 OS 100042766

Fern Bank 7 St George's Road Beccles NR34 9YQ



ReQuestaPlan

Plan Produced for: East Suffolk Council

Date Produced: 16 Sep 2026

Plan Reference Number: TQRQM26259115724007

Scale: 1:1250 @ A4

© Crown copyright and database rights 2025 OS 100042766

Beccles Town Council
Clerk To Beccles Town Council
Town Hall
The Walk
Beccles
Suffolk
NR34 9AJ

Your ref:
Our ref: DC/26/3168/FUL
Date: 18 September 2026
Please ask for: Daniel Bailes
Direct dial: 01502 523022
Email: planning@eastsuffolk.gov.uk

Dear Sir/Madam,

Planning consultation

Application no.:	DC/26/3168/FUL
Proposal:	Demolition of Existing Porch and Erection of Replacement Front Porch / Boot Room
Site address:	Ashtree Cottage , Darby Road, Beccles, Suffolk, NR34 9XP
Consultation letter expiry date:	9 October 2026
Link:	Public Access

A new consultation for application DC/26/3168/FUL has been received in your Public Access Consultee In-tray.

Please submit comments via Public Access **only**.

Note that all comments submitted, and any plans/drawings, photographs, visualisations, assessments or other materials submitted must comply with the East Suffolk Council Artificial Intelligence Policy. Particular regard must be given to paragraph 6.9 of that policy, including declaring where AI has been used in the creation or alteration of comments and items that are submitted, and how it has been used.

If an application is to be considered and determined via Planning Committee, in addition to the established Public Access and CMIS notifications, an email notification will be sent to all relevant ESC Ward Members, and the relevant Town and Parish Council(s). Third Parties and other consultees will not be notified via email, and they will need to continue to check Public Access and

CMIS to see if/when an application is scheduled for Planning Committee. The date of that meeting will be displayed on the 'Important Dates' Tab of the application on Public Access and a report with recommendation will be published at least five working days prior to the meeting at https://eastsuffolk.cmis.uk.com/eastsuffolk/Committees.aspx.

Further information on registering to speak at Planning Committee meetings and how to attend in person or watch via YouTube is published on the webpage for each meeting.

Yours faithfully,



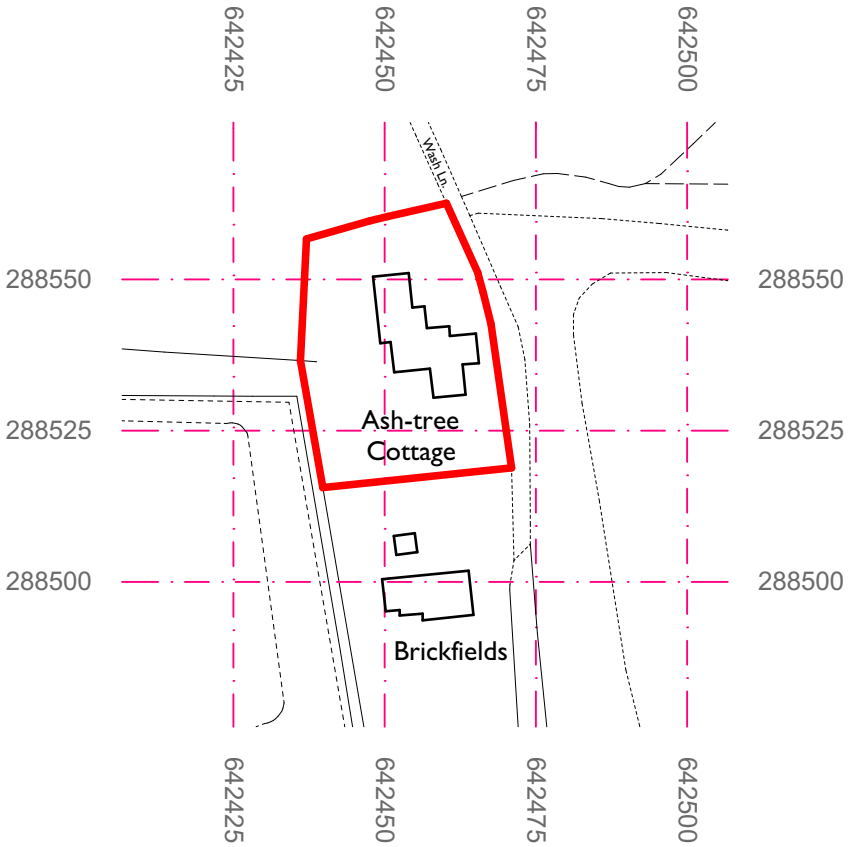
Ben Woolnough MRTPI | Head of Planning and Building Control
East Suffolk Council

Properties which the Local Planning Authority has written to:

3 The Brickfields, Darby Road, Beccles
The Brickfields, Darby Road, Beccles
No neighbour letters sent.

Further addresses may be added during the course of the planning application process.

N



© Crown copyright 2026 Ordnance Survey 100053143

1
-

Location Plan
1:1250

0m 10 20 30 40 50 60 70 80 90

Scale 1:1250

Qube
MINDFUL DESIGN
T: 01502 217077 / 07508 713784
E: info@qubedesigngroup.com W: www.qubedesigngroup.com

The copyright of this document and its design content remains the property of Qube Design Group Ltd. It may not be reproduced, amended or modified without consent from the originator. All dimensions to be checked on site prior to construction and any discrepancies, errors or ommissions should be reported to Qube Design Group Ltd immediately. Do not scale from documents. Information to read in conjunction with all other relevant drawings, specifications and project information.
© Qube Design Group Ltd

Client
Mr W. Wilcox

Purpose of Issue
PLANNING

Drawn By
G. Buck

Project & Site Address
Single Storey Porch
Ash Tree Cottage, Wash Lane,
Darby Road,
Beccles, Suffolk, NR34 9XP

Project Reference
2631

Scales @ A4
1:1250

Drawing Title
Site Information:
Location Plan

Drawing Number
0100

Revision
P01

EASTSUFFOLK COUNCIL

Householder Application for Planning Permission for works or extension to a dwelling

Town and Country Planning Act 1990 (as amended)

Publication of applications on planning authority websites

Please note that the information provided on this application form and in supporting documents may be published on the Authority's website. If you require any further clarification, please contact the Authority's planning department.

Site Location

Disclaimer: We can only make recommendations based on the answers given in the questions.

If you cannot provide a postcode, the description of site location must be completed. Please provide the most accurate site description you can, to help locate the site - for example "field to the North of the Post Office".

Number

Suffix

Property Name

Ashtree Cottage

Address Line 1

Darby Road

Address Line 2

Address Line 3

Suffolk

Town/city

Beccles

Postcode

NR34 9XP

Description of site location must be completed if postcode is not known:

Easting (x)

642455

Northing (y)

288539

Description

Applicant Details

Name/Company

Title

Mr

First name

Bill

Surname

Wilcox

Company Name

Address

Address line 1

Ashtree Cottage

Address line 2

Darby Road

Address line 3

Town/City

Beccles

County

Suffolk

Country

Postcode

NR34 9XP

Are you an agent acting on behalf of the applicant?

- [x] Yes
- [ ] No

Applicant Contact Details

Primary number

***** REDACTED ******

Secondary number

Fax number

Email address

Agent Details

Name/Company

Title

Mr

First name

Gareth

Surname

Buck

Company Name

Qube Design Group

Address

Address line 1

47

Address line 2

Blyburgate

Address line 3

Town/City

Beccles

County

Suffolk

Country

England

Postcode

NR34 9TQ

Contact Details

Primary number

***** REDACTED ******

Secondary number

Fax number

Email address

***** REDACTED ******

Description of Proposed Works

Please describe the proposed works

Demolition of Existing Porch and Erection of Replacement Front Porch / Boot Room

Has the work already been started without consent?

◯ Yes
⊘ No

Materials

Does the proposed development require any materials to be used externally?

⊘ Yes
◯ No

Please provide a description of existing and proposed materials and finishes to be used externally (including type, colour and name for each material)

Type:
Walls

Existing materials and finishes:
White render Red facing brick

Proposed materials and finishes:
White render

Type:
Roof

Existing materials and finishes:
Red pantile

Proposed materials and finishes:
Red pantile

Type:
Windows

Existing materials and finishes:
Light green - uPVC

Proposed materials and finishes:
Light green - uPVC

Type:
Doors

Existing materials and finishes:
Light green - uPVC

Proposed materials and finishes:
Light green - uPVC

Are you supplying additional information on submitted plans, drawings or a design and access statement?

- [x] Yes
- [ ] No

If Yes, please state references for the plans, drawings and/or design and access statement

2631-0100 Location Plan
2631-0120 Block Plan
2631-1200 Plans & Elevations
2631 DAS Design & Access Statement

Trees and Hedges

Are there any trees or hedges on the property or on adjoining properties which are within falling distance of the proposed development?

- [ ] Yes
- [x] No

Will any trees or hedges need to be removed or pruned in order to carry out your proposal?

- [ ] Yes
- [x] No

Pedestrian and Vehicle Access, Roads and Rights of Way

Is a new or altered vehicle access proposed to or from the public highway?

◯ Yes
⊘ No

Is a new or altered pedestrian access proposed to or from the public highway?

◯ Yes
⊘ No

Do the proposals require any diversions, extinguishment and/or creation of public rights of way?

◯ Yes
⊘ No

Parking

Will the proposed works affect existing car parking arrangements?

◯ Yes
⊘ No

Biodiversity net gain

Paragraph 13 of Schedule 7A of the Town and Country Planning Act 1990 sets out that every planning permission granted for the development of land in England shall be deemed to have been granted subject to the 'biodiversity gain condition' requiring development to achieve a net gain of 10% of biodiversity value.

This is subject to exemptions, an exemption applies in relation to planning permission for a development which is the subject of a householder application, within the meaning of article 2(1) of the Town and Country Planning (Development Management Procedure) (England) Order (2015)*.

Applicants for planning permission are required to make a statement as to whether they believe the biodiversity gain condition will apply if permission is granted, please confirm:

☑ It is my belief that if permission is granted for the development to which this application relates the biodiversity gain condition would not apply

*A 'householder application' means an application for planning permission for development for an existing dwellinghouse, or development within the curtilage of such a dwellinghouse for any purpose incidental to the enjoyment of the dwellinghouse which is not an application for change of use or an application to change the number of dwellings in a building.

Site Visit

Can the site be seen from a public road, public footpath, bridleway or other public land?

⊘ Yes
◯ No

If the planning authority needs to make an appointment to carry out a site visit, whom should they contact?

⊘ The agent
◯ The applicant
◯ Other person

Pre-application Advice

Has assistance or prior advice been sought from the local authority about this application?

◯ Yes
⊘ No

Authority Employee/Member

With respect to the Authority, is the applicant and/or agent one of the following:
(a) a member of staff
(b) an elected member
(c) related to a member of staff
(d) related to an elected member

It is an important principle of decision-making that the process is open and transparent.

For the purposes of this question, "related to" means related, by birth or otherwise, closely enough that a fair-minded and informed observer, having considered the facts, would conclude that there was bias on the part of the decision-maker in the Local Planning Authority.

Do any of the above statements apply?

◯ Yes
⊘ No

Ownership Certificates and Agricultural Land Declaration

Certificates under Article 14 - Town and Country Planning (Development Management Procedure) (England) Order 2015 (as amended)

Please answer the following questions to determine which Certificate of Ownership you need to complete: A, B, C or D.

Is the applicant the sole owner of all the land to which this application relates; and has the applicant been the sole owner for more than 21 days? E.g. All the land is owned by a single individual

⊘ Yes
◯ No

Is any of the land to which the application relates part of an Agricultural Holding?

◯ Yes
⊘ No

Certificate Of Ownership - Certificate A

I certify/The applicant certifies that on the day 21 days before the date of this application nobody except myself/ the applicant was the owner* of any part of the land or building to which the application relates, and that none of the land to which the application relates is, or is part of, an agricultural holding**

*** "owner" is a person with a freehold interest or leasehold interest with at least 7 years left to run.**

**** "agricultural holding" has the meaning given by reference to the definition of "agricultural tenant" in section 65(8) of the Act.**

NOTE: You should sign Certificate B, C or D, as appropriate, if you are the sole owner of the land or building to which the application relates but the land is, or is part of, an agricultural holding.

Person Role

⊘ The Applicant
◯ The Agent

Title

Mr

First Name

Bill

Surname

Wilcox

Declaration Date

08/09/2026

☑ Declaration made

Declaration

I/We hereby apply for Householder planning permission as described in the questions answered, details provided, and the accompanying plans/drawings and additional information.
I/We confirm that, to the best of my/our knowledge, any facts stated are true and accurate and any opinions given are the genuine opinions of the person(s) giving them.
I/We also accept that, in accordance with the Planning Portal's terms and conditions:
- Once submitted, this information will be made available to the Local Planning Authority and, once validated by them, be published as part of a public register and on the authority's website;
- Our system will automatically generate and send you emails in regard to the submission of this application.

☑ I / We agree to the outlined declaration

Signed

Gareth Buck

Date

08/09/2026

Design and Access Statement

Demolition of Existing Porch and Erection of Replacement Front Porch / Boot Room

Ash Tree Cottage
Wash Lane, Darby Road
Beccles
Suffolk
NR34 9XP

1. Introduction

This Design and Access Statement has been prepared in support of a planning application for the demolition of the existing single storey front porch and the erection of a larger replacement single storey porch/boot room at Ash Tree Cottage, Wash Lane, Darby Road, Beccles, Suffolk, NR34 9XP.

The proposed development is modest in scale and has been carefully designed to complement the character and appearance of the existing dwelling whilst providing additional practical entrance and storage accommodation to meet the needs of the occupants.

2. Site and Surroundings

Ash Tree Cottage is an established residential dwelling located within a rural setting near Beccles. The property is traditional in appearance and is constructed using materials and detailing typical of residential development within the locality.

The application relates solely to the front entrance area of the dwelling where a small existing porch is currently situated.

3. Existing Development

The existing dwelling benefits from a single storey front porch which provides limited entrance and storage space. The porch has reached the end of its useful life and no longer adequately serves the functional requirements of the property.

The proposal seeks to replace this structure with a larger and more practical porch/boot room whilst maintaining an appearance that is sympathetic to the host dwelling.

4. Proposed Development

Planning permission is sought for:

- Demolition of the existing single storey front porch.
- Construction of a replacement larger single storey porch/boot room.

- Formation of a mono-pitch roof design.
- External walls finished with render to match the existing dwelling.
- Use of materials and colours that closely reflect those of the existing house.

The proposed extension has been designed to remain subservient to the main dwelling and will read as a natural addition to the property rather than a dominant feature.

5. Design Principles

Scale and Massing

The replacement porch has been designed to provide increased internal floor area whilst remaining proportionate to the main dwelling. Its single storey form ensures that the extension remains subordinate to the host building and does not adversely affect the overall scale or balance of the property.

Appearance

The architectural approach has been intentionally simple and sympathetic. The mono-pitch roof form provides a contemporary yet unobtrusive design solution that integrates effectively with the existing dwelling.

External walls will be rendered to match the existing dwelling, and all materials will be selected to complement the established palette of the house. As a result, the proposal will appear cohesive and visually integrated with the existing building.

Materials

The development will utilise materials that closely match those of the existing dwelling, including:

- Rendered external wall finish to match existing.
- Roof coverings selected to complement the existing property.
- Matching window and door materials and colours where appropriate.

This approach will ensure consistency and maintain the character and appearance of the property.

6. Impact on Character and Appearance

The proposal represents a modest enhancement to an existing dwelling and will have a limited visual impact on the surrounding area.

The replacement porch remains domestic in scale and character and will sit comfortably within the context of the existing property. The use of matching materials and the simple roof form will

ensure the extension appears as a well-considered addition that preserves the visual amenity of the site and wider locality.

7. Residential Amenity

The proposed development is confined to the footprint of the existing entrance area and will not result in any unacceptable impact upon neighbouring residential amenity.

There will be:

- No loss of privacy or overlooking.
- No material loss of daylight or sunlight to neighbouring properties.
- No adverse noise or disturbance impacts associated with the use of the extension.
- No unacceptable overbearing impact on adjoining occupiers.

The proposal therefore maintains an appropriate level of residential amenity for both the occupiers of Ash Tree Cottage and neighbouring properties.

8. Access

The existing means of access to the property will remain unchanged.

The proposal does not alter vehicle access arrangements, parking provision, or pedestrian routes to and from the dwelling. The porch/boot room will continue to provide a clear and convenient principal entrance to the property.

The development therefore raises no highway safety or accessibility concerns.

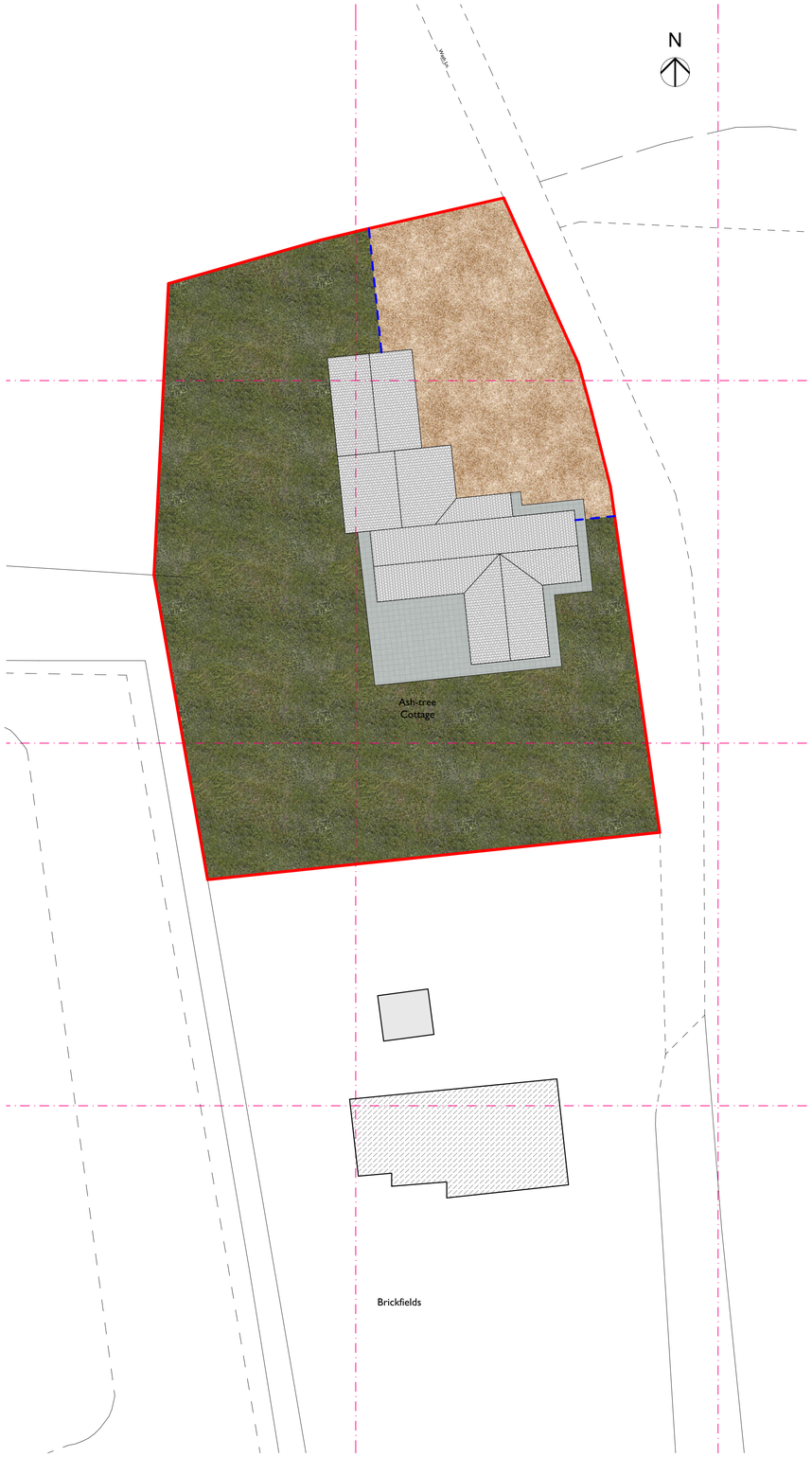
9. Conclusion

The proposed demolition of the existing front porch and construction of a replacement single storey porch/boot room at Ash Tree Cottage represents a modest and sympathetic form of residential development.

The design has been carefully considered to ensure that it:

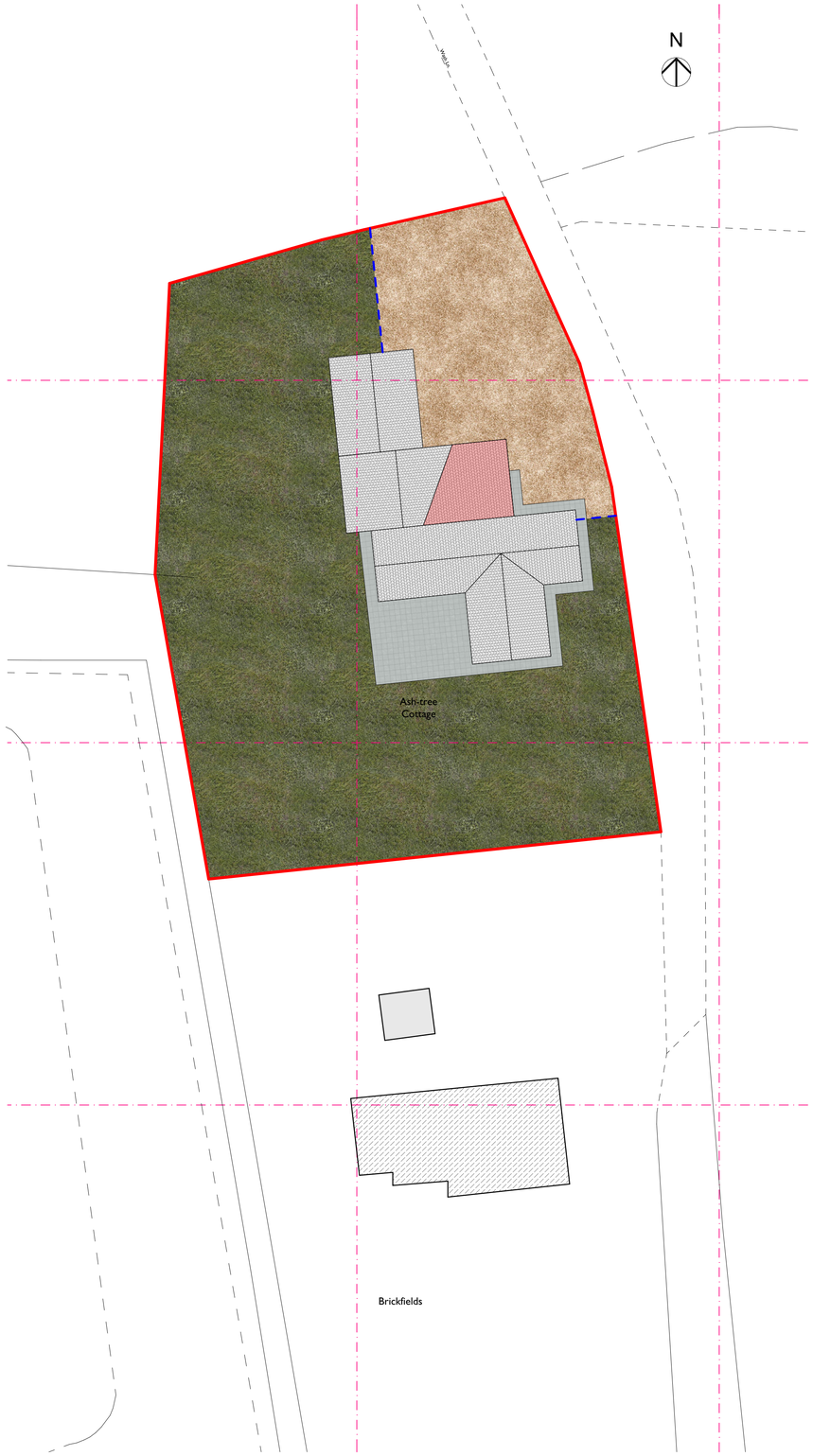
- Remains subordinate to the host dwelling.
- Utilises materials that match and complement the existing property.
- Preserves the character and appearance of the dwelling and surrounding area.
- Does not adversely affect neighbouring residential amenity.
- Maintains existing access arrangements.

For these reasons, it is considered that the proposal constitutes sustainable and appropriate development, and planning permission is respectfully requested.



1
-

Block Plan - Existing
1:200



2
-

Block Plan - Proposed
1:200

Key:

- Amenity / Lawn
- Driveway / Gravel
- Patio / Paving
- Existing Roof Tile
- Outbuilding
- Neighbouring Dwelling
- Proposed porch
- Post & rail timber fence 1.2m high

Notes:

CDM REGULATIONS 2015
The Construction (Design & Management) Regulations (CDM 2015) are the main set of regulations for managing the health, safety and welfare of construction projects. CDM applies to all building and construction work and includes new build, demolition, refurbishment, extensions, conversions, repair and maintenance. The client must abide by CDM 2015.
The client must appoint a contractor, if more than one contractor is to be involved, the client will need to appoint (in writing) a principal designer (to plan, manage and coordinate the planning and design work) and a principal contractor (to plan, manage and coordinate the construction and ensure there are arrangements in place for managing and organising the project).

Domestic clients
The domestic client is to appoint a principal designer and a principal contractor when there is more than one contractor, if not your duties will automatically transfer to the contractor or principal contractor.
The designer can take on the duties, provided there is a written agreement between you and the designer to do so.
The Health and Safety Executive is to be notified as soon as possible before construction work starts if the works:
(a) Last longer than 30 working days and has more than 20 workers working simultaneously at any point in the project.
Or:
(b) Exceeds 500 person days.

PARTY WALL ACT
The owner, should they need to do so under the requirements of the Party Wall Act 1996, has a duty to serve a Party Structure Notice on any adjoining owner if building work on, to or near an existing Party Wall involves any of the following:
• Support of beam
• Insertion of DPC through wall
• Raising a wall or cutting off projections
• Demolition and rebuilding
• Underpinning
• Insertion of lead flashings
• Excavations within 3 metres of an existing structure where the new foundations will go deeper than adjoining foundations, or wIthin 6 metres of an existing structure where the new foundations are within a 45 degree line of the adjoining foundations.
A Party Wall Agreement is to be in place prior to start of works on site.

CONSULTANT'S / DESIGNER'S INFORMATION
Whilst reasonable skill and care has been exercised during the technical design phase, it is the contractor's responsibility to verify the design and confirm the dimensional accuracy of all construction information issued. The contractor is obligated to undertake site checks, to ensure all dimensions and levels given are correct, prior to the commencement of any works. Any discrepancies, errors, or omissions should be reported to Qube Design Group Ltd immediately. Do not scale from documents, additional information required must be requested from the originator. Read information in conjunction with all other relevant drawings, specifications, and project information. The contractor shall not implement changes to, or deviate from, the construction information without consulting the designer first.

Rev	Details / Description	Date

0m 2 4 6 8 10 12 14
Scale 1:200

Qube
MINDFUL DESIGN
T: 01502 217077 / 07508 713784
E: info@qubedesigngroup.com W: www.qubedesigngroup.com

The copyright of this document and its design content remains the property of Qube Design Group Ltd. It may not be reproduced, amended or modified without consent from the originator. All dimensions to be checked on site prior to construction and any discrepancies, errors or ommissions should be reported to Qube Design Group Ltd immediately. Do not scale from documents. Information to read in conjunction with all other relevant drawings, specifications and project information.
© Qube Design Group Ltd

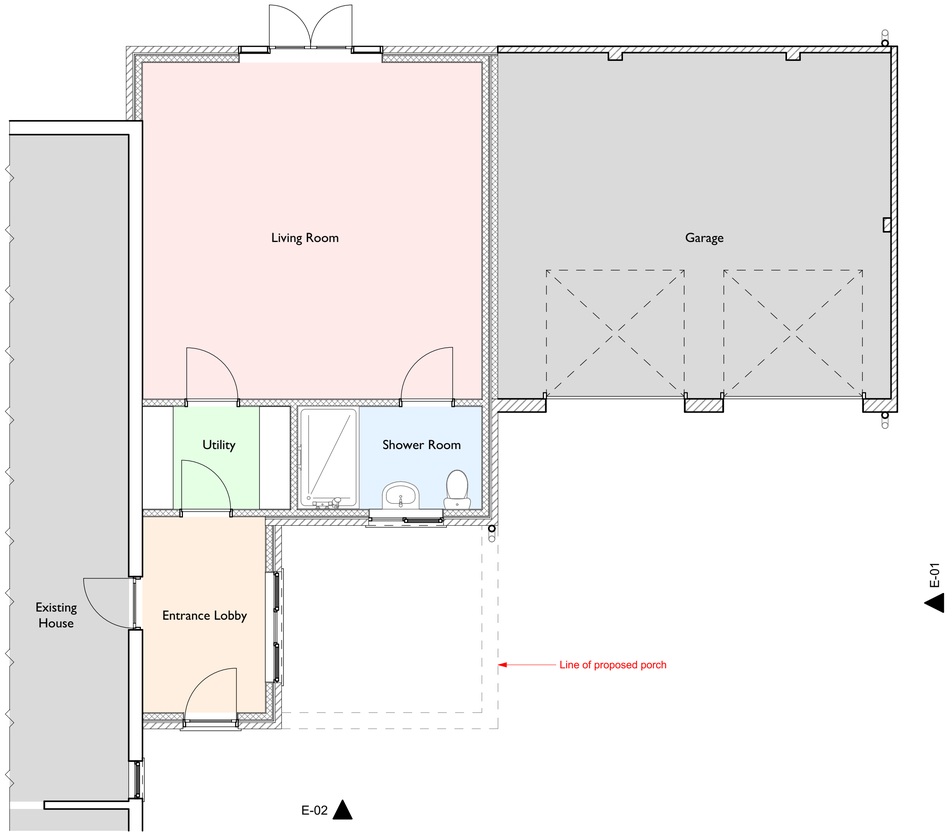
Client
Mr W. Wilcox

Project & Site Address
Single Storey Porch
Ash Tree Cottage, Wash Lane, Darby Road, Beccles, Suffolk, NR34 9XP

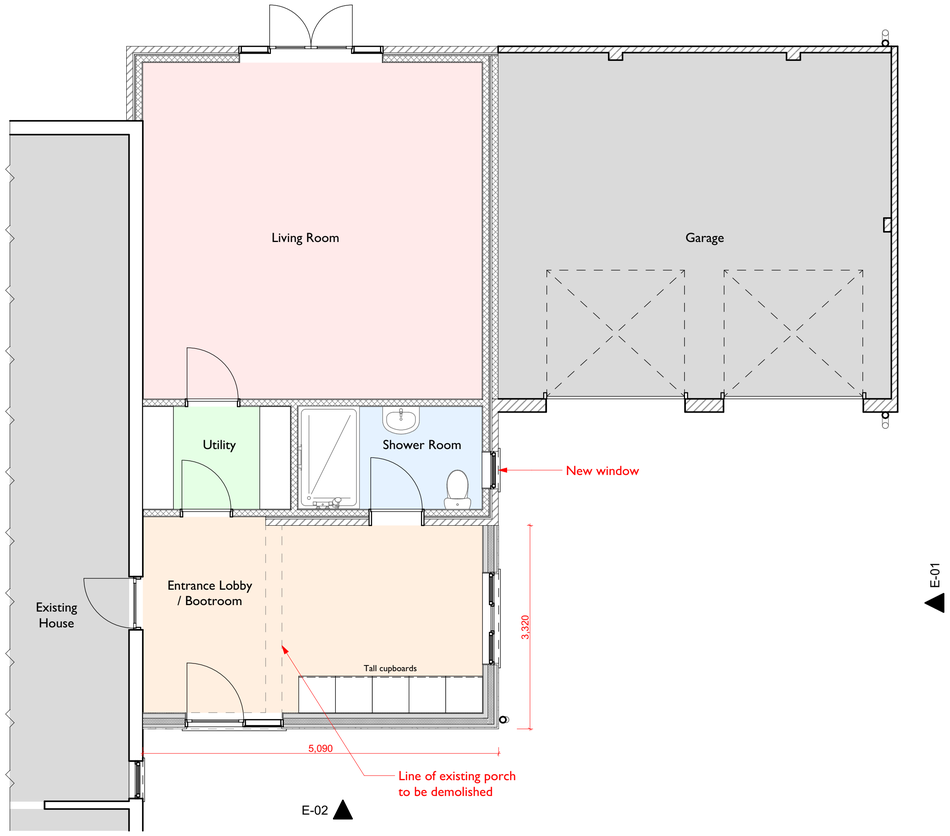
Drawing Title
Site Information:
Site Plan: Existing & Proposed

Purpose of Issue	Drawn By
PLANNING	G. Buck
Project Reference	Scales @ A1
2631	**1:200**

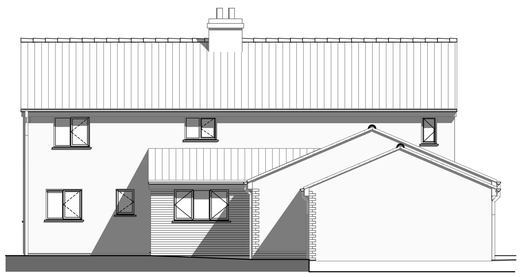
Drawing Number	Revision
0120	P01



1 - Existing Ground Floor Plan 1:50



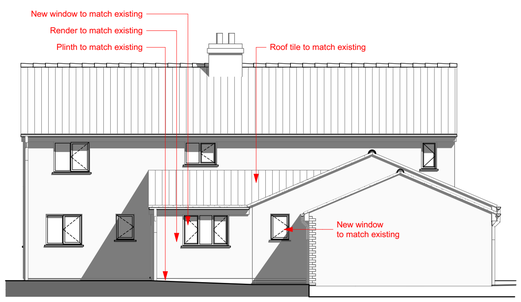
2 - Proposed Ground Floor Plan 1:50



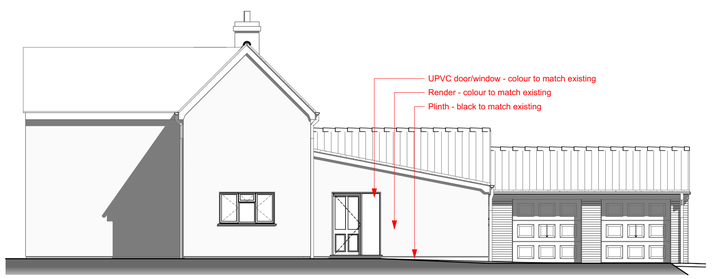
E-01 - Existing Front Elevation 1:100



E-02 - Existing Side Elevation 1:100



E-01 - Proposed Front Elevation 1:100



E-02 - Proposed Side Elevation 1:100



Visualisation: Existing Porch



Visualisation: Proposed Porch

Notes:
CDM REGULATIONS 2015
The Construction (Design & Management) Regulations (CDM 2015) are the main set of regulations for managing the health, safety and welfare of construction projects. CDM applies to all building and construction work and includes new build, demolition, refurbishment, extensions, conversions, repair and maintenance. The client must abide by CDM 2015.
The client must appoint a contractor, if more than one contractor is to be involved, the client will need to appoint (in writing) a principal designer (to plan, manage and coordinate the planning and design work) and a principal contractor (to plan, manage and coordinate the construction and ensure there are arrangements in place for managing and organising the project).

Domestic clients
The domestic client is to appoint a principal designer and a principal contractor when there is more than one contractor, if not your duties will automatically transfer to the contractor or principal contractor.
The designer can take on the duties, provided there is a written agreement between you and the designer to do so.
The Health and Safety Executive is to be notified as soon as possible before construction work starts if the works:
(a) Last longer than 30 working days and has more than 20 workers working simultaneously at any point in the project.
Or:
(b) Exceeds 500 person days.

PARTY WALL ACT
The owner, should they need to do so under the requirements of the Party Wall Act 1996, has a duty to serve a Party Structure Notice on any adjoining owner if building work on, to or near an existing Party Wall involves any of the following:
• Support of beam
• Insertion of DPC through wall
• Raising a wall or cutting off projections
• Demolition and rebuilding
• Underpinning
• Insertion of lead flashings
• Excavations within 3 metres of an existing structure where the new foundations will go deeper than adjoining foundations, or within 6 metres of an existing structure where the new foundations are within a 45 degree line of the adjoining foundations.
A Party Wall Agreement is to be in place prior to start of works on site.

CONSULTANT'S / DESIGNER'S INFORMATION
Whilst reasonable skill and care has been exercised during the technical design phase, it is the contractor's responsibility to verify the design and confirm the dimensional accuracy of all construction information issued. The contractor is obligated to undertake site checks, to ensure all dimensions and levels given are correct, prior to the commencement of any works. Any discrepancies, errors, or omissions should be reported to Qube Design Group Ltd immediately. Do not scale from documents, additional information required must be requested from the originator. Read information in conjunction with all other relevant drawings, specifications, and project information. The contractor shall not implement changes to, or deviate from, the construction information without consulting the designer first.

Rev	Details / Description	Date

0m 1 2 3 4 5 6 7
Scale 1:100

Qube
MINDFUL DESIGN
T: 01502 217077 / 07508 713784
E: info@qubedesigngroup.com W: www.qubedesigngroup.com

The copyright of this document and its design content remains the property of Qube Design Group Ltd. It may not be reproduced, amended or modified without consent from the originator. All dimensions to be checked on site prior to construction and any discrepancies, errors or omissions should be reported to Qube Design Group Ltd immediately. Do not scale from documents. Information to read in conjunction with all other relevant drawings, specifications and project information.
© Qube Design Group Ltd

Client
Mr W. Wilcox

Project & Site Address
Single Storey Porch
Ash Tree Cottage, Wash Lane, Darby Road, Beccles, Suffolk, NR34 9XP

Drawing Title
Concept Design:
Floor Plans & Elevations

Purpose of Issue	Drawn By
PLANNING	G. Buck
Project Reference	Scales @ A1
2631	**1:50, 1:100**

Drawing Number	Revision
1200	P03

Date printed: 18 September 2026

Neighbour consultations

Address	Date consulted
3 The Brickfields, Darby Road, Beccles	18 September 2026
The Brickfields, Darby Road, Beccles	18 September 2026

Further addresses may be added during the planning application process.

Consultees

Consultee	Date consulted
Beccles Town Council	18 September 2026
SCC Rights Of Way	18 September 2026

Further consultees may be added during the planning application process.

Beccles Town Council
Clerk To Beccles Town Council
Town Hall
The Walk
Beccles
Suffolk
NR34 9AJ

Your ref:
Our ref: DC/26/3196/FUL
Date: 24 September 2026
Please ask for: Katherine Rawlins
Direct dial: 01502 523018
Email: planning@eastsuffolk.gov.uk

Dear Sir/Madam,

Planning consultation

Application no.:	DC/26/3196/FUL
Proposal:	New Dwelling, parking and materials
Site address:	33 Ballygate, Beccles, Suffolk, NR34 9ND,
Consultation letter expiry date:	15 October 2026
Link:	Public Access

A new consultation for application DC/26/3196/FUL has been received in your Public Access Consultee In-tray.

Please submit comments via Public Access **only**.

Note that all comments submitted, and any plans/drawings, photographs, visualisations, assessments or other materials submitted must comply with the East Suffolk Council Artificial Intelligence Policy. Particular regard must be given to paragraph 6.9 of that policy, including declaring where AI has been used in the creation or alteration of comments and items that are submitted, and how it has been used.

If an application is to be considered and determined via Planning Committee, in addition to the established Public Access and CMIS notifications, an email notification will be sent to all relevant ESC Ward Members, and the relevant Town and Parish Council(s). Third Parties and other consultees will not be notified via email, and they will need to continue to check Public Access and CMIS to see if/when an application is scheduled for Planning Committee. The date of that meeting

will be displayed on the 'Important Dates' Tab of the application on Public Access and a report with recommendation will be published at least five working days prior to the meeting at https://eastsuffolk.cmis.uk.com/eastsuffolk/Committees.aspx.

Further information on registering to speak at Planning Committee meetings and how to attend in person or watch via YouTube is published on the webpage for each meeting.

Yours faithfully,



Ben Woolnough MRTPI | Head of Planning and Building Control
East Suffolk Council

Properties which the Local Planning Authority has written to:

Paddock House, Homefield Paddock, Beccles
Ballygate Cottage, 35 Ballygate, Beccles
No neighbour letters sent.

Further addresses may be added during the course of the planning application process.

PlanningPortal

This form is specifically designed to be printed and completed offline.
Please complete this form in block capitals using black ink to facilitate scanning.

You are advised to read the accompanying guidance notes and per-question help text.

If you would rather make this application online, you can do so on our website: https://www.planningportal.co.uk/apply

Application for Planning Permission

Town and Country Planning Act 1990 (as amended)

Privacy Notice

This form is provided by Planning Portal and based on the requirements provided by Government for the sole purpose of submitting information to the Local Planning Authority in accordance with the legislation detailed on this form and 'The Town and Country Planning (Development Management Procedure) (England) Order 2015 (as amended).

Please be aware that once you have downloaded this form, Planning Portal will have no access to the form or the data you enter into it. Any subsequent use of this form is solely at your discretion, including the choice to complete and submit it to the Local Planning Authority in agreement with the declaration section.

Upon receipt of this form and any supporting information, it is the responsibility of the Local Planning Authority to inform you of its obligations in regards to the processing of your application. Please refer to its website for further information on any legal, regulatory and commercial requirements relating to information security and data protection of the information you have provided.

Local Planning Authority details:

EASTSUFFOLK COUNCIL

Publication on Local Planning Authority websites

Information provided on this form and in supporting documents may be published on the authority's planning register and website.
Please ensure that the information you submit is accurate and correct and does not include personal or sensitive information.
If you require any further clarification, please contact the Local Planning Authority directly.

1. Applicant Name and Address

Title:		First name:			
Last name:					
Company (optional):	Bagshaw Builders Ltd				
Unit:	25	House number:		House suffix:	
House name:					
Address 1:	Wolseley Business Park				
Address 2:	Mobbs Way				
Address 3:					
Town:	Lowestoft				
County:	Suffolk				
Country:	UK				
Postcode:	NR32 3FA				

2. Agent Name and Address

Title:		First name:			
Last name:					
Company (optional):	Ian Garrett Building Design Ltd				
Unit:		House number:		House suffix:	
House name:	The Store				
Address 1:	Oakwood Mews				
Address 2:					
Address 3:					
Town:	Lowestoft				
County:	Suffolk				
Country:	UK				
Postcode:	NR32 2LS				

3. Description of the Proposal

Please describe the proposed development, including any change of use:

New Dwelling, parking & materials

Has the building, work or change of use already started? ☐ Yes ☑ No

If Yes, please state the date when building, work or use were started (DD/MM/YYYY): (date must be pre-application submission)

Has the building, work or change of use been completed? ☐ Yes ☑ No

If Yes, please state the date when the building, work or change of use was completed (DD/MM/YYYY): (date must be pre-application submission)

Reference number of permission in principle being relied on (technical details consent applications only):

Is the proposal for public service infrastructure development (within the meaning of article 2 of S.I. 2015/595 as amended by article 3 of S.I. 746/2021)? ☐ Yes ☑ No

4. Site Address Details

Please provide the full postal address of the application site.

Unit: | House number: 33 | House suffix:

House name: Building Plot

Address 1: Ballygate

Address 2:

Address 3:

Town: Beccles

County:

Postcode (optional): NR34 9ND

Description of location or a grid reference.
(must be completed if postcode is not known):

Easting: | Northing:

Description:

5. Pre-application Advice

Has assistance or prior advice been sought from the local authority about this application? ☑ Yes ☐ No

If Yes, please complete the following information about the advice you were given. (This will help the authority to deal with this application more efficiently).

Please tick if the full contact details are not known, and then complete as much as possible: ☐

Officer name: Katherine Rawlins

Reference: DC/25/0986/PREAPP

Date (DD/MM/YYYY): 09/05/2025
(must be pre-application submission)

Details of pre-application advice received?

Positive support suggesting this scheme would be supported

6. Pedestrian and Vehicle Access, Roads and Rights of Way

Is a new or altered vehicle access proposed to or from the public highway? ☐ Yes ☒ No

Is a new or altered pedestrian access proposed to or from the public highway? ☐ Yes ☒ No

Are there any new public roads to be provided within the site? ☐ Yes ☒ No

Are there any new public rights of way to be provided within or adjacent to the site? ☐ Yes ☒ No

Do the proposals require any diversions /extinguishments and/or creation of rights of way? ☐ Yes ☒ No

If you answered Yes to any of the above questions, please show details on your plans/drawings and state the reference of the plan (s)/drawings(s)

Drawing no's: 3433.26.1, 2 & 3

7. Waste Storage and Collection

Do the plans incorporate areas to store and aid the collection of waste? ☑ Yes ☐ No

If Yes, please provide details:

As shown on drawings

Have arrangements been made for the separate storage and collection of recyclable waste? ☑ Yes ☐ No

If Yes, please provide details:

To ESC standards

8. Authority Employee / Member

It is an important principle of decision-making that the process is open and transparent. For the purposes of this question, "related to" means related, by birth or otherwise, closely enough that a fair-minded and informed observer, having considered the facts, would conclude that there was bias on the part of the decision-maker in the local planning authority.

Do any of the following statements apply to you and/or agent? ☐ Yes ☑ No

With respect to the authority, I am:
(a) a member of staff
(b) an elected member
(c) related to a member of staff
(d) related to an elected member

If Yes, please provide details of their name, role and how you are related to them.

9. Materials

If applicable, please state what materials are to be used externally. Include type, colour and name for each material:

	Existing (where applicable)	Proposed	Not applicable	Don't Know
Walls		As noted on drawings	☐	☐
Roof		As noted on drawings	☐	☐
Windows		As noted on drawings	☐	☐
Doors		As noted on drawings	☐	☐
Boundary treatments (e.g. fences, walls)		As noted on drawings	☐	☐
Vehicle access and hard-standing		As noted on drawings	☐	☐
Lighting			☐	☐
Others (please specify)			☐	☐

Are you supplying additional information on submitted plan(s)/drawing(s)/design and access statement? ☑ Yes ☐ No

If Yes, please state references for the plan(s)/drawing(s)/design and access statement:

Drawing no: 3433.26, 1, 2 & 3; D&AS/Historic; Environmental reporting, etc

10. Vehicle Parking

Please provide information on the existing and proposed number of on-site parking spaces:

Type of Vehicle	Total Existing	Total proposed (including spaces retained)	Difference in spaces
Cars	0	2	2
Light goods vehicles/ public carrier vehicles	0	0	0
Motorcycles			0
Disability spaces	0		0
Cycle spaces	0	2	2
Other (e.g. Bus)			
Other (e.g. Bus)			

11. Foul Sewage

Please state how foul sewage is to be disposed of:

- [x] Mains sewer
- [ ] Cess pit
- [ ] Septic tank
- [ ] Other
- [ ] Package treatment plant

Are you proposing to connect to the existing drainage system? [x] Yes [ ] No

If Yes, please include the details of the existing system on the application drawings and state references for the plan(s)/drawing(s):

Drawing no: 3433.26.1, 2 & 3

12. Assessment of Flood Risk

Is the site within an area at risk of flooding? (Refer to the Environment Agency's Flood Map showing flood zones 2 and 3 and consult Environment Agency standing advice and your local planning authority requirements for information as necessary.) [ ] Yes [x] No

If Yes, you will need to submit a Flood Risk Assessment to consider the risk to the proposed site.

Is your proposal within 20 metres of a watercourse (e.g. river, stream or beck)? [ ] Yes [x] No

Will the proposal increase the flood risk elsewhere? [ ] Yes [x] No

How will surface water be disposed of?

- [ ] Sustainable drainage system
- [ ] Existing watercourse
- [x] Soakaway
- [ ] Pond/lake
- [ ] Main sewer

13. Biodiversity and Geological Conservation

To assist in answering the following questions refer to the guidance notes for further information on when there is a reasonable likelihood that any important biodiversity or geological conservation features may be present or nearby and whether they are likely to be affected by your proposals.

Having referred to the guidance notes, is there a reasonable likelihood of the following being affected adversely or conserved and enhanced within the application site, or on land adjacent to or near the application site?

a) Protected and priority species:

- [ ] Yes, on the development site
- [ ] Yes, on land adjacent to or near the proposed development
- [x] No

b) Designated sites, important habitats or other biodiversity features:

- [ ] Yes, on the development site
- [ ] Yes, on land adjacent to or near the proposed development
- [x] No

c) Features of geological conservation importance:

- [ ] Yes, on the development site
- [ ] Yes, on land adjacent to or near the proposed development
- [x] No

14. Existing Use

Please describe the current use of the site:

Building plot - garden

Is the site currently vacant? [ ] Yes [x] No

If Yes, please describe the last use of the site:

When did this use end (if known)? DD/MM/YYYY (date where known may be approximate)

Does the proposal involve any of the following? If yes, you will need to submit an appropriate contamination assessment with your application.

Land which is known to be contaminated? [ ] Yes [x] No

Land where contamination is suspected for all or part of the site? [ ] Yes [x] No

A proposed use that would be particularly vulnerable to the presence of contamination? [ ] Yes [x] No

15. Trees and Hedges

Are there trees or hedges on the proposed development site? [x] Yes [ ] No

And/or: Are there trees or hedges on land adjacent to the proposed development site that could influence the development or might be important as part of the local landscape character? [ ] Yes [x] No

If Yes to either or both of the above, you may need to provide a full Tree Survey, at the discretion of your local planning authority. If a Tree Survey is required, this and the accompanying plan should be submitted alongside your application. Your local planning authority should make clear on its website what the survey should contain, in accordance with the current 'BS5837: Trees in relation to design, demolition and construction - Recommendations'.

16. Trade Effluent

Does the proposal involve the need to dispose of trade effluents or waste? [ ] Yes [x] No

If Yes, please describe the nature, volume and means of disposal of trade effluents or waste

17. Residential Units (Including Conversion)

Does your proposal include the gain, loss or change of use of residential units? ☑ Yes ☐ No
If Yes, please complete details of the changes in the tables below:

Proposed Housing

Market Housing	Not known	Number of Bedrooms 1	2	3	4+	Unknown	Total
Houses	☐			1			1 a
Flats/maisonettes	☐						b
Sheltered housing	☐						c
Bedsit/studios	☐						d
Cluster flats	☐						e
Other	☐						f
Totals $(a+b+c+d+e+f)=$							1

Social, Affordable or Intermediate Rent	Not known	Number of Bedrooms 1	2	3	4+	Unknown	Total
Houses	☐						a
Flats/maisonettes	☐						b
Sheltered housing	☐						c
Bedsit/studios	☐						d
Cluster flats	☐						e
Other	☐						f
Totals $(a+b+c+d+e+f)=$							B

Affordable Home Ownership	Not known	Number of Bedrooms 1	2	3	4+	Unknown	Total
Houses	☐						a
Flats/maisonettes	☐						b
Sheltered housing	☐						c
Bedsit/studios	☐						d
Cluster flats	☐						e
Other	☐						f
Totals $(a+b+c+d+e+f)=$							C

Starter Homes	Not known	Number of Bedrooms 1	2	3	4+	Unknown	Total
Houses	☐						a
Flats/maisonettes	☐						b
Bedsit/studios	☐						c
Other	☐						d
Totals $(a+b+c+d)=$							D

Self Build and Custom Build	Not known	Number of Bedrooms 1	2	3	4+	Unknown	Total
Houses	☐						a
Flats/maisonettes	☐						b
Bedsit/studios	☐						c
Other	☐						d
Totals $(a+b+c+d)=$							E

Total proposed residential units $(A+B+C+D+E)=$	1

Existing Housing

Market Housing	Not known	Number of Bedrooms 1	2	3	4+	Unknown	Total
Houses	☐			1			1 a
Flats/maisonettes	☐						b
Sheltered housing	☐						c
Bedsit/studios	☐						d
Cluster flats	☐						e
Other	☐						f
Totals $(a+b+c+d+e+f)=$							1 F

Social, Affordable or Intermediate Rent	Not known	Number of Bedrooms 1	2	3	4+	Unknown	Total
Houses	☐						a
Flats/maisonettes	☐						b
Sheltered housing	☐						c
Bedsit/studios	☐						d
Cluster flats	☐						e
Other	☐						f
Totals $(a+b+c+d+e+f)=$							G

Affordable Home Ownership	Not known	Number of Bedrooms 1	2	3	4+	Unknown	Total
Houses	☐						a
Flats/maisonettes	☐						b
Sheltered housing	☐						c
Bedsit/studios	☐						d
Cluster flats	☐						e
Other	☐						f
Totals $(a+b+c+d+e+f)=$							H

Starter Homes	Not known	Number of Bedrooms 1	2	3	4+	Unknown	Total
Houses	☐						a
Flats/maisonettes	☐						b
Bedsit/studios	☐						c
Other	☐						d
Totals $(a+b+c+d)=$							I

Self Build and Custom Build	Not known	Number of Bedrooms 1	2	3	4+	Unknown	Total
Houses	☐						a
Flats/maisonettes	☐						b
Bedsit/studios	☐						c
Other	☐						d
Totals $(a+b+c+d)=$							J

Total existing residential units $(F+G+H+I+J)=$	1

TOTAL NET GAIN or LOSS of RESIDENTIAL UNITS (Proposed Housing Grand Total - Existing Housing Grand Total): 1xadditional

18. All Types of Development: Non-residential Floorspace

Does your proposal involve the loss, gain or change of use of non-residential floorspace?

☐ Yes ☑ No

If you have answered Yes to the question above please add details in the following table:

Use class/type of use		Not applicable	Existing gross internal floorspace (square metres) *(a)*	Gross internal floorspace to be lost by change of use or demolition (square metres) *(b)*	Total gross internal floorspace proposed (including change of use) (square metres) *(c)*	Net additional gross internal floorspace following development (square metres) *(d = c - a)*
B2	General industrial	☐				
B8	Storage or distribution	☐				
C1	Hotels and halls of residence	☐				
C2	Residential institutions	☐				
C2A	Secure Residential institutions	☐				
C4	Homes in Multiple Occupation	☐				
E(a)	Display/Sale of goods other than hot food	☐				
E(b)	Sale of food and drink for consumption mostly on the premises	☐				
E(c)(i)	Financial services	☐				
E(c)(ii)	Professional services	☐				
E(c)(iii)	Other appropriate services in a commercial, business or service locality	☐				
E(d)	Indoor sport, recreation, or fitness - Excluding motorised vehicles, firearms, swimming, and skating	☐				
E(e)	Medical or health services - Except premises attached to the residence of the provider	☐				
E(f)	Creche, day nursery or day centre - Except where including a residential use	☐				
E(g)(i)	Offices - Except where not suitable in a residential area	☐				
E(g)(ii)	Research and development - Except where not suitable in a residential area	☐				
E(g)(iii)	Industrial processes - Except where not suitable in a residential area	☐				
F1	Learning and non-residential institutions	☐				
F2	Local community uses (essential shops, meeting places, sport, and recreation)	☐				
OTHER		☐				
Please Specify		☐				
	Total					

18. All Types of Development: Non-residential Floorspace (continued)

Does the proposal include use as a shop (e.g. For the display/sale of goods under Use Class E(a), the sale of essential goods under Use Class F2, or as part of any other use)

☐ Yes ☑ No

If you have answered Yes to the question above please add details in the following table:

Use class/type of use		Not applicable	Existing tradable floor area (square metres) *(e)*	Tradable floor area to be lost by change of use or demolition (square metres) *(f)*	Total tradable floor area proposed (including change of use)(square metres) *(g)*	Net additional tradable floor area following development (square metres) *(h = g - e)*
E(a)	Display/Sale of goods other than hot food	☐				
F2	Local community uses (essential shops, meeting places, sport, and recreation)	☐				
OTHER		☐				
Please Specify		☐				
	Total					

Does the proposal include loss or gain of rooms for hotels, residential institutions, or hostels?

☐ Yes ☐ No

If you have answered Yes to the question above please add details in the following table:

Use class	Type of use	Not applicable	Existing rooms to be lost by change of use or demolition	Total rooms proposed (including changes of use)	Net additional rooms
C1	Hotels	☐			
C2	Residential Institutions	☐			
C2A	Secure Residential Institutions	☐			
OTHER		☐			
Please Specify		☐			

19. Employment

Please complete the following information regarding employees:

	Full-time	Part-time	Total full-time equivalent
Existing employees			
Proposed employees			

20. Hours of Opening

If known, please state the hours of opening (e.g. 15:30) for each non-residential use proposed:

Use	Monday to Friday	Saturday	Sunday and Bank Holidays	Not known

21. Site Area

Please state the site area in hectares (ha) 0.037H

22. Industrial or Commercial Processes and Machinery

Please describe the activities and processes which would be carried out on the site and the end products including plant, ventilation or air conditioning. Please include the type of machinery which may be installed on site:

Is the proposal a waste management development? ☐ Yes ☑ No

If the answer is Yes, please complete the following table:

	Not applicable	The total capacity of the void in cubic metres, including engineering surcharge and making no allowance for cover or restoration material (or tonnes if solid waste or litres if liquid waste)	Maximum annual operational throughput in tonnes (or litres if liquid waste)
Inert landfill	☐		
Non-hazardous landfill	☐		
Hazardous landfill	☐		
Energy from waste incineration	☐		
Other incineration	☐		
Landfill gas generation plant	☐		
Pyrolysis/gasification	☐		
Metal recycling site	☐		
Transfer stations	☐		
Material recovery/recycling facilities (MRFs)	☐		
Household civic amenity sites	☐		
Open windrow composting	☐		
In-vessel composting	☐		
Anaerobic digestion	☐		
Any combined mechanical, biological and/or thermal treatment (MBT)	☐		
Sewage treatment works	☐		
Other treatment	☐		
Recycling facilities construction, demolition and excavation waste	☐		
Storage of waste	☐		
Other waste management	☐		
Other developments	☐		

Please provide the maximum annual operational throughput of the following waste streams:	
Municipal	
Construction, demolition and excavation	
Commercial and industrial	
Hazardous	

If this is a landfill application you will need to provide further information before your application can be determined. Your waste planning authority should make clear what information it requires on its website.

23. Hazardous Substances

Does the proposal involve the use or storage of any of the following materials in the quantities stated below? ☐ Yes ☐ No ☑ Not applicable

If Yes, please provide the amount of each substance that is involved:

Acrylonitrile (tonnes)	Ethylene oxide (tonnes)	Phosgene (tonnes)
Ammonia (tonnes)	Hydrogen cyanide (tonnes)	Sulphur dioxide (tonnes)
Bromine (tonnes)	Liquid oxygen (tonnes)	Flour (tonnes)
Chlorine (tonnes)	Liquid petroleum gas (tonnes)	Refined white sugar (tonnes)

Other: Other:

Amount (tonnes): Amount (tonnes):

24. Biodiversity Net Gain

Do you believe that, if the development is granted planning permission, the Biodiversity Gain Condition (as set out in Paragraph 13 of Schedule 7A of the Town and Country Planning Act 1990) would apply?

☐ Yes ☑ No

If No, please provide reasons, with reference to which exemptions or transitional arrangements you believe apply:

Developments of 0.2 hectares or below

From 6 August 2026, BNG does not apply to planning applications for developments where the site area within the red line boundary is 0.2 hectares or below.

No Priority habitat exists upon the site, which can be observed from a site visit

If Yes, please provide the information requested in all the questions below:

Please provide the date the pre-development biodiversity value of onsite habitat(s) have been calculated: (this should be one of the following dates: the date of this application; or an earlier proposed date)

Date (DD/MM/YYYY):

Please provide the pre-development biodiversity value of onsite habitats on this date:

If a date earlier than the date of the submission of the planning application has been specified above, please provide reasons why this date has been used:

Please state the publication date of the biodiversity metric tool(s) used to calculate the onsite biodiversity value(s) provided above.

Date (DD/MM/YYYY):

24. Biodiversity Net Gain (continued)

Has there been any loss (or degradation) of any onsite habitat(s), resulting from activities carried out before the date the pre-development biodiversity value of onsite habitat(s) was calculated and either:
• on or after 30 January 2020 which were not in accordance with a planning permission; or
• on or after 25 August 2023 which were in accordance with a planning permission?

☐ Yes ☐ No

If yes, please provide details including: the date immediately before this activity was carried out; the onsite biodiversity value on this date; and any supporting evidence (or reference to relevant document containing these details).

If yes, please state the publication date of the biodiversity metric tool(s) used to calculate any onsite biodiversity value(s) provided above.

Date (DD/MM/YYYY):

Does the application site have irreplaceable habitat(s) (corresponding to the descriptions in The Biodiversity Gain Requirements (Irreplaceable Habitat) Regulations 2024) which exist on land to which this application relates on the date the pre-development biodiversity value of onsite habitat(s) was calculated?

☐ Yes ☐ No

If yes, please provide a description of these and any further details (for example reference to relevant document):

☐ I/We confirm this application is accompanied by the following:
i. The completed biodiversity metric tool(s) showing the calculation of the pre-development biodiversity values, and on the dates, detailed above including, if applicable, those related to any loss (or degradation) of any onsite habitat(s)
ii. Plan(s), showing onsite habitat(s) existing on the date the pre-development biodiversity value of onsite habitat(s) was calculated; and
iii. If applicable, plan(s) showing onsite irreplaceable habitat(s) existing on the date the pre-development biodiversity value of onsite habitat(s) was calculated.

Please provide details (for example reference to relevant document):

Note: Plans must be drawn to an identified scale, and show the direction of North.

25. Ownership Certificates and Agricultural Land Declaration

One Certificate A, B, C, or D, must be completed with this application form

CERTIFICATE OF OWNERSHIP - CERTIFICATE A

Town and Country Planning (Development Management Procedure) (England) Order 2015 Certificate under Article 14

I certify/The applicant certifies that on the day 21 days before the date of this application nobody except myself/ the applicant was the owner* of any part of the land or building to which the application relates, and that none of the land to which the application relates is, or is part of, an agricultural holding**

NOTE: You should sign Certificate B, C or D, as appropriate, if you are the sole owner of the land or building to which the application relates but the land is, or is part of, an agricultural holding.

** "owner" is a person with a freehold interest or leasehold interest with at least 7 years left to run.*
*** "agricultural holding" has the meaning given by reference to the definition of "agricultural tenant" in section 65(8) of the Act.*

Signed - Applicant:	Or signed - Agent:	Date (DD/MM/YYYY):
	Ian Garrett	

CERTIFICATE OF OWNERSHIP - CERTIFICATE B

Town and Country Planning (Development Management Procedure) (England) Order 2015 Certificate under Article 14

I certify/ The applicant certifies that I have/the applicant has given the requisite notice to everyone else (as listed below) who, on the day 21 days before the date of this application, was the owner* and/or agricultural tenant** of any part of the land or building to which this application relates.

** "owner" is a person with a freehold interest or leasehold interest with at least 7 years left to run.*
*** "agricultural tenant" has the meaning given in section 65(8) of the Town and Country Planning Act 1990*

Name of Owner / Agricultural Tenant	Address	Date Notice Served
Mr & Mrs G Jermyn	33 Ballygate, Beccles, Suffolk, NR34 9ND.	28.08.2026

Signed - Applicant:	Or signed - Agent:	Date (DD/MM/YYYY):
	Ian Garrett on behalf of IGBD Ltd	28.08.2026

25. Ownership Certificates and Agricultural Land Declaration (continued)

CERTIFICATE OF OWNERSHIP - CERTIFICATE C

Town and Country Planning (Development Management Procedure) (England) Order 2015 Certificate under Article 14

I certify/ The applicant certifies that:

- Neither Certificate A or B can be issued for this application
- All reasonable steps have been taken to find out the names and addresses of the other owners* and/or agricultural tenants** of the land or building, or of a part of it, but I have/ the applicant has been unable to do so.

** "owner" is a person with a freehold interest or leasehold interest with at least 7 years left to run.*

*** "agricultural tenant" has the meaning given in section 65(8) of the Town and Country Planning Act 1990*

The steps taken were:

Name of Owner / Agricultural Tenant	Address	Date Notice Served

Notice of the application has been published in the following newspaper (circulating in the area where the land is situated):

On the following date (which must not be earlier than 21 days before the date of the application):

Signed - Applicant:

Or signed - Agent:

Date (DD/MM/YYYY):

CERTIFICATE OF OWNERSHIP - CERTIFICATE D

Town and Country Planning (Development Management Procedure) (England) Order 2015 Certificate under Article 14

I certify/ The applicant certifies that:

- Certificate A cannot be issued for this application
- All reasonable steps have been taken to find out the names and addresses of everyone else who, on the day 21 days before the date of this application, was the owner* and/or agricultural tenant** of any part of the land to which this application relates, but I have/ the applicant has been unable to do so.

** "owner" is a person with a freehold interest or leasehold interest with at least 7 years left to run.*

*** "agricultural tenant" has the meaning given in section 65(8) of the Town and Country Planning Act 1990*

The steps taken were:

Notice of the application has been published in the following newspaper (circulating in the area where the land is situated):

On the following date (which must not be earlier than 21 days before the date of the application):

Signed - Applicant:

Or signed - Agent:

Date (DD/MM/YYYY):

26. Planning Application Requirements - Checklist

Please read the following checklist to make sure you have sent all the information in support of your proposal. Failure to submit all information required will result in your application being deemed invalid. It will not be considered valid until all information required by the Local Planning Authority (LPA) has been submitted.

- The original and 3 copies* of a completed and dated application form: ☑
- The original and 3 copies* of the plan which identifies the land to which the application relates drawn to an identified scale and showing the direction of North: ☑
- The original and 3 copies* of other plans and drawings or information necessary to describe the subject of the application: ☑
- The correct fee: ☑
- The original and 3 copies* of a design and access statement, if required (see help text and guidance notes for details): ☑
- The original and 3 copies* of a fire statement, if required (see help text and guidance notes for details): ☐
- The original and 3 copies* of the completed, dated Ownership Certificate (A, B, C or D – as applicable) and Article 14 Certificate (Agricultural Holdings): ☑

*National legislation specifies that the applicant must provide the original plus three copies of the form and supporting documents (a total of four copies), unless the application is submitted electronically or, the LPA indicate that a smaller number of copies is required. LPAs may also accept supporting documents in electronic format by post (for example, on a CD, DVD or USB memory stick). You can check your LPA's website for information or contact their planning department to discuss these options.

Plans can be bought from one of the Planning Portal's accredited suppliers: https://www.planningportal.co.uk/buyaplanningmap

27. Declaration

I/we hereby apply for planning permission/consent as described in this form and the accompanying plans/drawings and additional information. I/we confirm that, to the best of my/our knowledge, any facts stated are true and accurate and any opinions given are the genuine opinions of the person(s) giving them.

Signed - Applicant:	Or signed - Agent:	Date (DD/MM/YYYY):	
	Ian Garrett on behslf of IGBD Ltd	28/08/2026	(date cannot be pre-application)

28. Applicant Contact Details

Telephone numbers

Country code:	National number:	Extension number:

Country code:	Mobile number (optional):
	[redacted]

Country code:	Fax number (optional):

Email address (optional):

[redacted]om

29. Agent Contact Details

Telephone numbers

Country code:	National number:	Extension number:
+44	01502-511821	

Country code:	Mobile number (optional):

Country code:	Fax number (optional):

Email address (optional):

ian@garrettdesign.co.uk

30. Site Visit

Can the site be seen from a public road, public footpath, bridleway or other public land? ☑ Yes ☐ No

If the planning authority needs to make an appointment to carry out a site visit, whom should they contact? *(Please select only one)* ☑ Agent ☐ Applicant ☐ Other (if different from the agent/applicant's details)

If Other has been selected, please provide:

Contact name:	Telephone number:
Ian Garrett	+44 01502-511821

Email address: ian@garrettdesign.co.uk

Construction Management Plan – Ref: 3433

Project Name: New Dwelling

Site Address: 33 Ballygate, Beccles, Suffolk, NR34 9ND.

Principal Contractor: Bagshaw Builders LTD

Date: 28.8.2026



Ian Garrett Building Design Ltd.

The Store

Oakwood Mews

Lowestoft

Suffolk

NR32 2LS

T: 01502-511821

E: ian@garrettdesign.co.uk

W: www.garrettdesign.co.uk

Construction Management Plan – Ref: 3433

---

a) Parking and Turning for Vehicles of Site Personnel, Operatives, and Visitors

- **Parking:** Limited on-street parking will be permitted for site operatives or visitors. A designated parking area will be established within the site boundary for essential vehicles only. Personnel will be encouraged to use public transport, carpool, or cycle.
- **Turning:** A designated turning area will be maintained within the site to ensure all vehicles can enter and exit the site in a forward gear. Reversing onto the public highway is strictly prohibited. Banksmen will be deployed to assist with all vehicle manoeuvres within the site.

b) Loading and Unloading of Plant and Materials

- All loading and unloading activities will take place strictly within the site boundary in a designated material handling zone.
- Lifting operations will be planned and supervised by an Appointed Person (AP).
- A "Just-in-Time" (JIT) delivery system will be implemented to prevent bottlenecks and eliminate the need for vehicles to wait on the public highway.

c) Piling Techniques (Not Applicable)

d) Storage of Plant and Materials

- Materials will be stored in secure, designated areas away from site boundaries, public walkways, and drainage systems.
- Hazardous materials (fuels, oils, chemicals) will be stored in locked, double-bunded containers capable of holding 110% of the maximum stored volume (COSHH compliance).
- Lightweight materials will be secured or covered to prevent wind-blown debris.

e) Provision and Use of Wheel Washing Facilities

- A dedicated wheel washing station will be available.
- It is mandatory for all vehicles leaving the unpaved areas of the site to undergo wheel check / washing.
- The facility will be the responsibility of a dedicated operative during working hours, and the runoff will be directed on-site prevent silt from entering public drains.

f) Programme of Site and Associated Works (Including Traffic Management)

- **Phasing:** The works will be divided into clear phases:

  1) Site Setup & Demolition,

  2) Groundworks,

  3) Superstructure,

4) Fit-out,

5) Landscaping & Handover.

- **Utilities:** Utility connections will be organised for minimum disruption
- **Traffic Management:** To highways requirements if this is needed.

g) Site Working Times

Standard operating hours for the site will be strictly adhered to:

- **Monday to Friday:** 08:00 to 18:00
- **Saturday:** 08:00 to 13:00
- **Sundays and Bank Holidays:** No noisy works permitted. *(Note: Quiet internal works may occur outside these hours subject to prior local authority approval).*

h) Communications Plan for Local Residents

- **Pre-commencement:** A letter drop will be conducted to residents on Gilpin Road / Clarkson Road 14 days prior to works starting, outlining the project timeline. Contact and discussion will always be encouraged with Pathways to help navigate any concerns.
- **Site Signage:** A site notice board will be erected on the boundary hoarding displaying the Project Manager's contact details and a 24/7 emergency hotline.

i) Provision of Boundary Hoarding and Lighting

- **Hoarding:** Harris Fencing will be used to temporarily block site access when outside of operating hours. The overall site is private and not on public land.
- **Lighting:** Security and operational lighting will be directional, utilizing LED cowled fixtures pointing inward and downward to prevent light pollution or glare onto the public highway and neighbouring windows.

j) Proposed Means of Dust Suppression

- **Damping Down:** Water bowsers and hoses will be used to damp down haul roads, stockpiles, and active excavation areas during dry or windy periods.
- **Cutting/Grinding:** All cutting and grinding equipment will be fitted with integrated water suppression systems or dust extraction vacuums.
- **Drop Heights:** The drop height of materials (e.g., into skips or tipper trucks) will be minimized.

k) Measures to Prevent Mud from Vehicles Leaving the Site

- As noted in part E

l) Haul Routes for Construction Traffic

- All suppliers and contractors will By nature be accessing the site via main roads in the area until turning onto Leonard Drive.

m) Monitoring and Review Mechanisms

- **Inspections:** The Site Manager will conduct visual inspections for dust, mud, and hoarding integrity, and weekly formal health, safety, and environmental audits.
- **Review:** This CMP is a live document. It will be formally reviewed on a monthly basis, or immediately following any incident, local authority feedback, or significant change in construction phase.
- **Complaint Log:** A complaints register will be maintained on-site. All complaints will be acknowledged within 24 hours and investigated within 48 hours.

n) Details of Delivery Times During Construction Phase

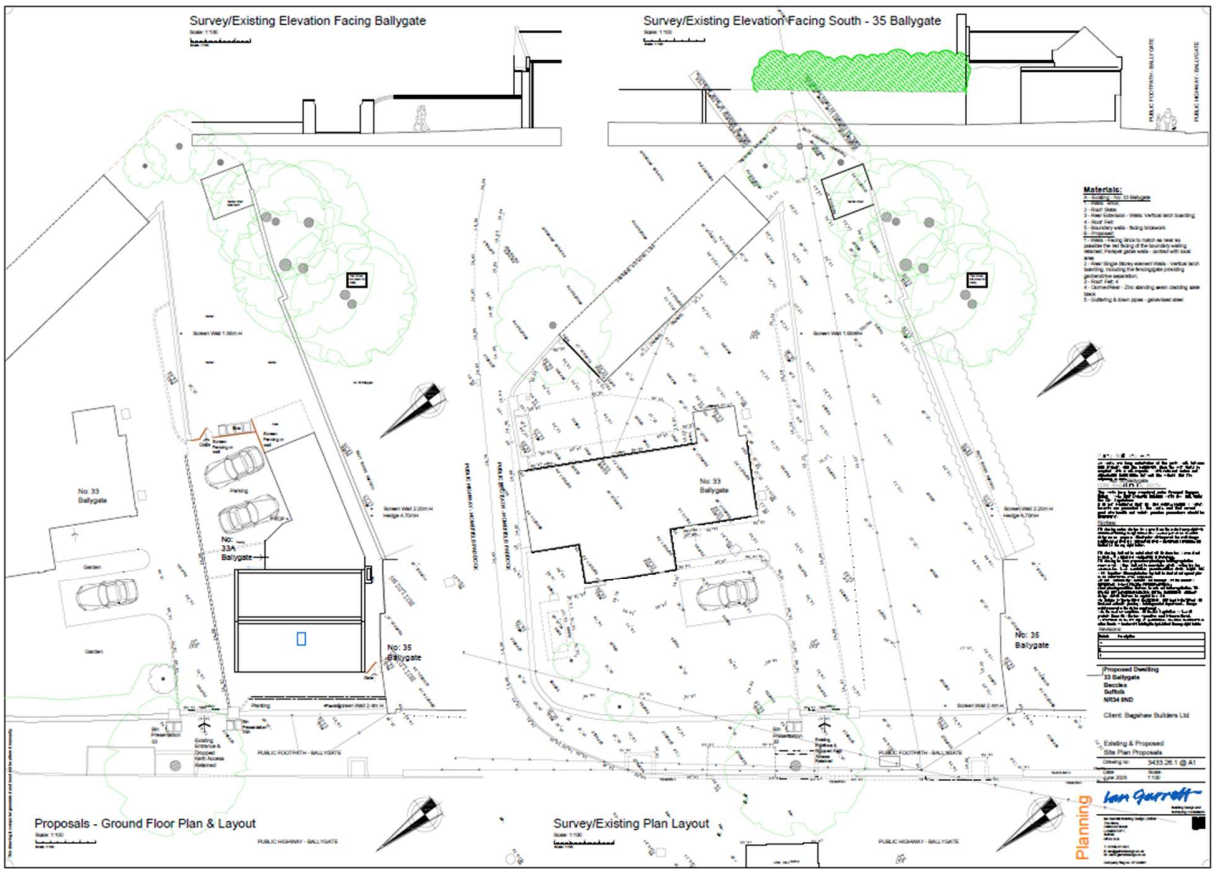
To minimize the impact on the local road network and avoid conflicting with local peak times (such as school runs and rush hour), deliveries will be encouraged to the following windows to help local residents an, commuters and pedestrians:

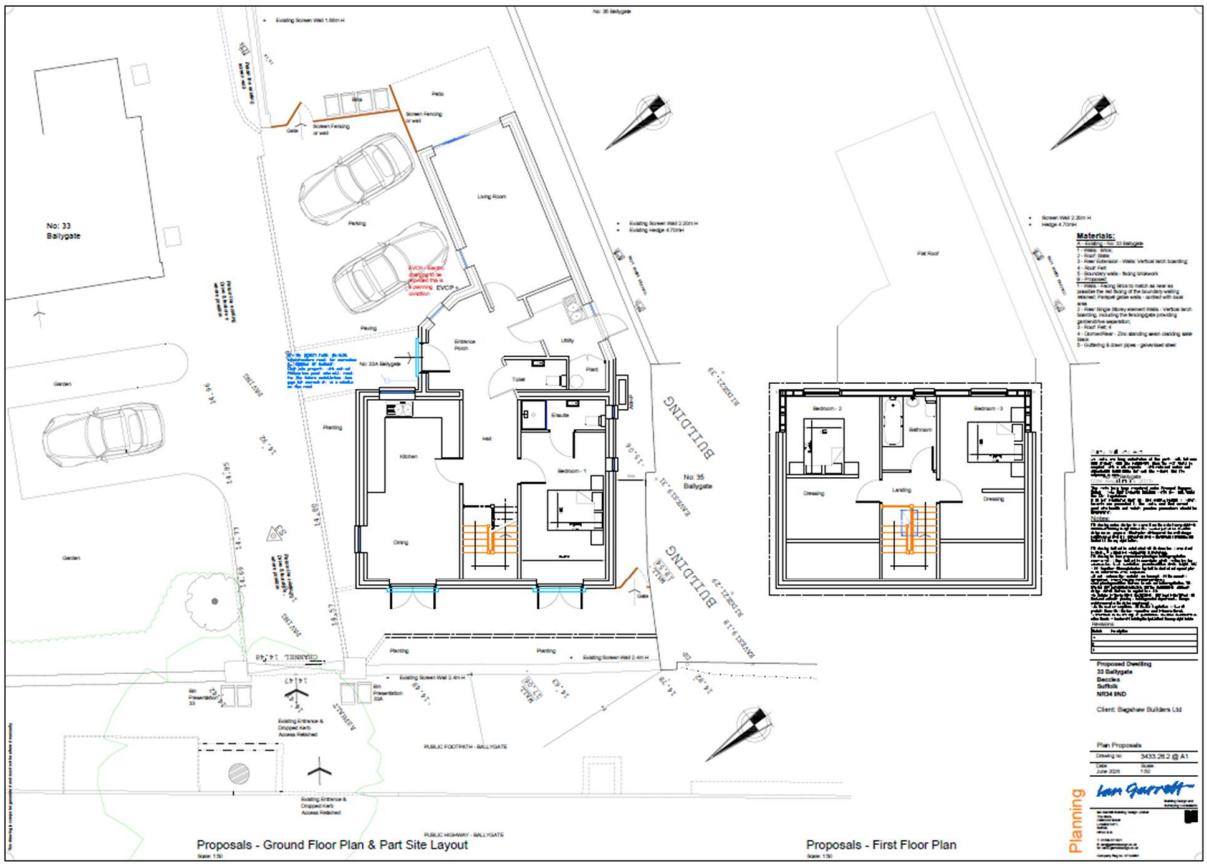
- **Monday to Friday:** 09:30 to 14:30, and 16:00 to 17:30.
- **Saturday:** 08:30 to 12:30.

o) Layout of Facilities (Site Logistics Plan Description)

A scaled architectural site plan (Drawing Ref: [3433.26.1 & 2]) is attached as Appendix A to this document.

Appendix: *site plan - Drawing No's: 3433.26.1 & 2*




No: 33
Ballygate
No: 35
Ballygate
BUILDING
Proposals - Ground Floor Plan & Part Site Layout
Proposals - First Floor Plan
Materials:
Proposed Dwelling
33 Ballygate
Beccles
Suffolk
NR34 8ND
Client: Bagshaw Builders Ltd
Plan: Proposals
Drawing no: 3433.26.2 @ A1
Date: June 2020
Scale: 1:50
Planning

Our Ref: 3433
Dated: August 2026

Design & Access Statement
Heritage Statement

Planning Authority:
East Suffolk Council
Canning Road
Lowestoft
NR33 0EQ

Applicant:
Bagshaw Builders Ltd

Application Address:
33 Ballygate
Beccles
Suffolk
NR34 9ND

Proposals:
New Dwelling, parking & materials

Ian Garrett Building Design Ltd.
The Store
Oakwood Mews
Lowestoft
Suffolk
NR32 2LS

T: 01502-511821
W: www.garrettdesign.co.uk

DESIGN, ACCESS & HERITAGE STATEMENT

Planning Authority: East Suffolk Council
Applicant: Bagshaw Builders Ltd
Application Site: 33 Ballygate, Beccles, Suffolk, NR34 9ND
Proposals: Erection of a detached three-bedroom dwelling, integrated parking, and associated landscaping works.

1.0 INTRODUCTION & CONTEXT:

1.1 Site Description & Location

The application site comprises a parcel of land measuring approximately **0.037 hectares**, situated within the western part of the settlement of Beccles. The site sits on an elevated topography above the River Waveney and Puddingmoor within the historic Waveney Valley landscape.

The site presently forms a paved driveway serving No. 33 Ballygate, alongside a large, historically underutilized garden plot situated to the south of the access track. The plot is physically self-contained and securely bounded by high masonry walls on its southern, western, eastern, and northern perimeters, maintaining no direct physical connection to the principal dwelling at No. 33.

The surrounding street scene exhibits a varied density of development. Housing along Ballygate consists primarily of traditional multi-story dwellings, whereas the nearby Homefield Paddock is characterized by single-story properties. Directly opposite the site to the west lies Leman House (home to the Beccles & District Museum).

1.2 Site Boundaries

- **Western Boundary:** Fronts onto Ballygate, bounded by a traditional historic brick and flint wall, served by an existing single dropped kerb access point.
- **Northern Boundary:** Formed by an open aspect and a 1.68m high brick wall, establishing a natural demarcation between the development site and the rear cart sheds/amenity space of No. 33 Ballygate. Along with driveway (shared) between the development site & No. 33 Ballygate.
- **Southern Boundary:** Formed by a substantial 2.2m high brick boundary wall, supplemented by an established, tall non-native hedge.
- **Eastern Boundary:** Defined by private timber close-boarded fencing.

2.0 PLANNING HISTORY:

A review of the local planning register indicates a history of optimization and development on and immediately adjacent to the site:

2.1 33 Ballygate (Subject Site)

- **DC/05/1363/FUL:** Construction of a bungalow and a house with three garages and parking spaces. *(Refused)*
- **DC/07/1044/FUL:** Construction of bungalow and conversion/extension of outbuilding to form dwelling. *(Refused)*
- **DC/09/0184/FUL:** Erection of a 2-storey dwelling and vehicular access. *(Permitted)*
- **DC/11/0608/AME:** Non-Material Amendment to DC/09/0184/FUL – Minor alterations to garage outbuilding and separating boundary wall line. *(Permitted)*
- **DC/25/4152/FUL:** Link extension, conversion of cart shed to bedroom/en-suite, pitch existing flat roof, and additional car parking/turning. *(Permitted)*
- **DC/26/0789/DRC:** Discharge of Condition No. 3 of DC/25/4152/FUL (Timber windows/doors details, link extension connection details, and external cladding specification). *(Permitted)*

2.2 35 Ballygate (Immediate Neighbour)

- **DC/13/3302/TCA:** Fell one stem of storm-damaged Lawson Cypress. *(Permitted)*
- **DC/16/4988/TCA:** Canopy reduction of 1x Whitebeam tree from 12m to 9m. *(No Objections)*
- **DC/24/0763/FUL:** Single-storey rear extension to form a garden room. *(Permitted)*

3.0 PLANNING POLICY FRAMEWORK:

The principle of residential development on this site is highly sustainable and constitutes an appropriate "windfall" infill development within an established settlement boundary. The design has been meticulously developed in accordance with the following statutory policies:

- **National Planning Policy Framework (NPPF):** Core provisions encouraging the efficient use of available land in sustainable urban locations.
- **Adopted Waveney Local Plan (2019):** Policies **WLP8.29** (Design), **WLP8.32** (Housing Delivery), and **WLP8.33** (Biodiversity).
- **Beccles Neighbourhood Plan (2021):** Policy **BECC9** (Local Character and Distinctiveness).

While East Suffolk Council does not currently assert an active 5-Year Housing Land Supply plan, this proposal directly supports local delivery targets by introducing a high-quality, low-impact unit via the address association of a future **No. 33A Ballygate**.

4.0 PROPOSED DESIGN & ARCHITECTURAL APPROACH:

4.1 Design Evolution & Form

During pre-application consultations, the Local Planning Authority suggested a prominent gable-fronted façade facing Ballygate. However, detailed contextual analysis of the street scene indicated that a stark, street-facing gable would result in an overly dominant feature out of keeping with the localized roofscape. Consequently, the proposed design utilizes a sensitive **gable-to-gable alignment** that establishes a subtle architectural bridge between No. 33 and No. 35 Ballygate.
With the development proposed set safely behind the road facing historic brick & flint wall

To minimize visual impact, the building employs a single-storey eaves profile with a traditional brick parapet design. Roof space accommodation is restricted to the rear of the property, entirely hidden from primary public vantage points behind the historic street wall, all in a contemporary design and material pallet.

4.2 Material Palette

The building draws from a high-quality local palette to blend seamlessly into the Beccles Conservation Area:

- **Primary Facing Material:** High-quality facing brickwork specified to match the texture and tone of the adjacent historic boundary walls.
- **Contemporary Accents:** Vertical larch timber boarding and standing-seam zinc cladding, drawing design cues from the nearby high-end developments along Puddingmore.
- **Fenestration:** High-performance timber joinery to complement the surrounding historic vernacular.
-

4.3 Scale & Layout

The proposed individual detached configuration provides a flexible **three-bedroom layout** specifically designed for long-term adaptability and futureproofing:

- **Ground Floor:** Features full level access, including a principal bedroom with en-suite facilities, catering directly to aging occupants or those with limited mobility.
- **First Floor (Roof Space):** Provides secondary accommodation suited for visitors, family, or future live-in care providers.
- **Amenity Space:** Substantial, private garden spaces are retained to both the east and west of the new structure, ensuring high-quality external living.

4.4 Impact on Residential Amenity

The building form and fenestration have been calculated to mitigate potential overlooking or loss of privacy. Elevational treatments at both ground and first floors are systematically oriented away from the private amenity spaces of neighbours to the north and south.

5.0 ACCESS, PARKING & UTILITIES:

5.1 Highway & Pedestrian Access

The development utilizes the single, pre-existing dropped-kerb vehicular access point off Ballygate. This point provides an established, safe means of access and egress within an area of the town where off-street parking is exceptionally rare.

5.2 Sustainable Transport Links

The site occupies an exceptionally sustainable location within walking and cycling distance of central town amenities, retail offerings, cafes, and employment hubs.

- **Public Transport:** A regular bus stop is located directly adjacent to the western boundary (Beccles: Ballygate/Opp Puddingmore).
- **Regional Connectivity:** Excellent pedestrian and cycle routes connect the site across local waterways to Great Yarmouth and Norwich, alongside robust rail infrastructure linking Beccles to Lowestoft, Ipswich, and London.
-

5.3 Waste Management

Dedicated internal and external spaces for standard refuse, recycling, and composting bins are integrated into the layout. Designated collection presentation points are clearly demarcated on the submitted site layout plan.

6.0 ENVIRONMENTAL SUSTAINABILITY:

The construction specification targets a high standard of energy efficiency, designed to surpass baseline Building Regulations and target an **SAP Band 'A'** rating:

- **Thermal Envelope:** Advanced insulation upgrades applied to all floors, cavity walls, and roof structures.
- **Glazing & Openings:** Triple or high-specification double-glazed joinery utilizing advanced weather seals to simultaneously optimize solar gain and mitigate summer overheating.
- **Low-Carbon Technology:** Space heating and hot water will be provided via an **Air Source Heat Pump (ASHP)**, fully installed and commissioned by an accredited MCS-certified installer.

7.0 LANDSCAPE & BIODIVERSITY Enhancement:

The scheme proposes a comprehensive soft landscaping plan designed to maximize urban greening and achieve a net gain in localized biodiversity in accordance with Policy **WLP8.33**.
While formal Biodiversity Net Gain (BNG) statutory software testing is not triggered by a small-scale development of this footprint, the project integrates the following targeted ecological enhancements.
The following changes to small scheme applications came into effect on Thursday 6 August 2026:

1 - Introduction of a 0.2-hectare exemption, which means that the smallest developments will not be required to do mandatory BNG (unless onsite priority habitat is negatively impacted)
2 - No Priority habitat exists upon the site, which can be observed from a site visit

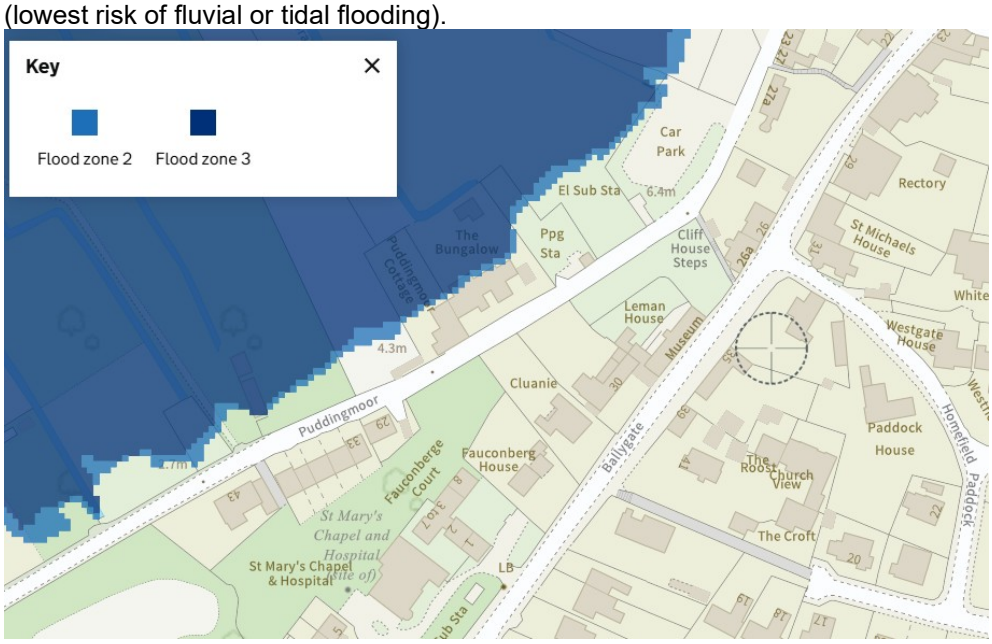
:

Ecological Feature	Quantity	Specification / Siting
Bat Box	1 No.	Integrated high into the south gable peak
Bird Boxes	2 No.	Securely mounted to structural brick walls
Insect Houses	2 No.	Positioned along sheltered garden boundary fencing
Hedgehog Highways	2 No.	130mm x 130mm ground-level boundary cuts in northern fencing

Arboricultural Note: The mature trees illustrated on the accompanying site layout plan reside entirely within the curtilage of No. 35 Ballygate. They are situated at a safe distance from the proposed structural footprint, precluding the necessity for a formal Arboricultural Impact Assessment or Tree Protection Plan (TPP).

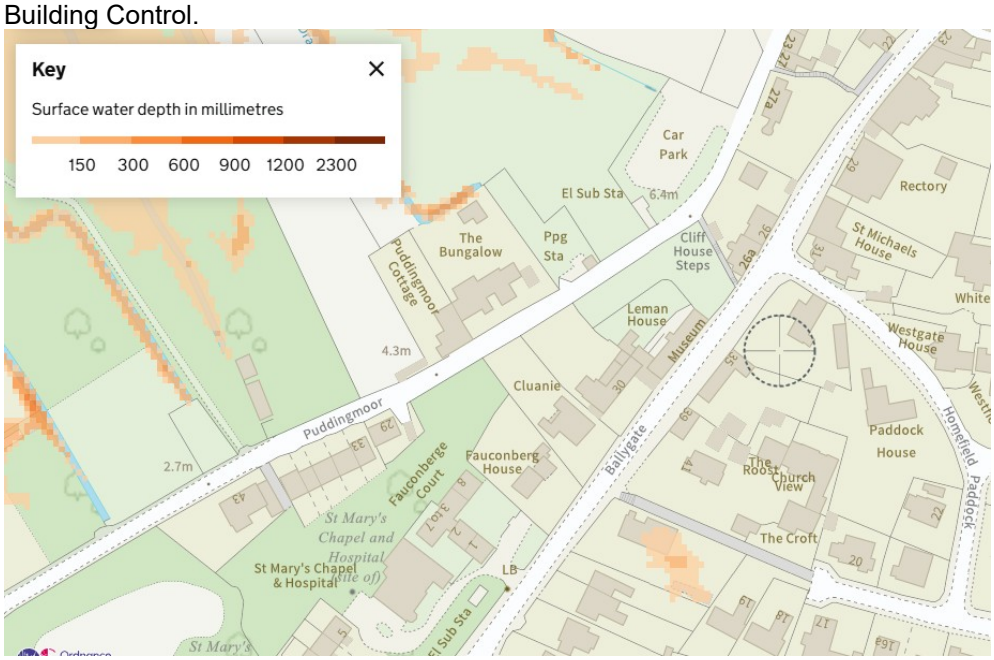
8.0 FLOOD RISK & SURFACE WATER MANAGEMENT:

According to the GOV.UK Flood Map for Planning, the site is positioned entirely within **Flood Zone 1** (lowest risk of fluvial or tidal flooding).



According to the GOV.UK Surface Water Flood Map for Planning, the site is positioned entirely outside any local surface water flooding as map below

Surface water management is handled sustainably on-site. The scheme integrates porous paving across all hard standings alongside a dedicated, sustainable soakaway system to be detailed with Building Control.



9.0 STATEMENT OF HERITAGE IMPACT:

9.1 Significance of Heritage Assets

The application site is situated within the designated **Beccles Conservation Area**. Although the site does not contain any statutory listed buildings, it sits within the wider setting of several historic assets, most notably **Leman House** directly to the west across Ballygate. Leman House is an unlisted asset of high local architectural significance operating as the Beccles & District Museum.

The principal heritage asset directly impacted by the physical works is the **historic brick and flint boundary wall** running along the western perimeter of the site, which forms an essential component of the traditional Ballygate street scene.

9.2 Impact assessment & Mitigation Strategy

The proposal has been carefully curated to preserve and enhance the character of the Conservation Area, ensuring zero detrimental impact on the setting of Leman House or surrounding historic structures:

- **Preservation of the Historic Wall:** The primary historic brick and flint wall fronting Ballygate is to be completely retained and protected during the construction process. The building's massing is intentionally positioned behind this wall, allowing the historic boundary to remain the dominant visual characteristic of the street scene.
- **Sympathetic Massing:** By opting for a low-profile, single-storey eaves height with a parapet over a prominent road-facing gable, the scheme respects the vertical and horizontal scale of the historic street scene. The development sits lower than the prevailing ridge lines, acting as a sensitive visual transition between No. 33 and No. 35 Ballygate.
- **Contextual Material Selection:** The utilization of regional facing brickwork alongside high-grade traditional timber window frames ensures the scheme reads harmoniously with the historic materials of the conservation area, while the subtle integration of vertical larch and zinc details introduces a high-quality contemporary finish that reflects modern architecture elsewhere in the Waveney Valley.

9.3 Discounted Alternatives

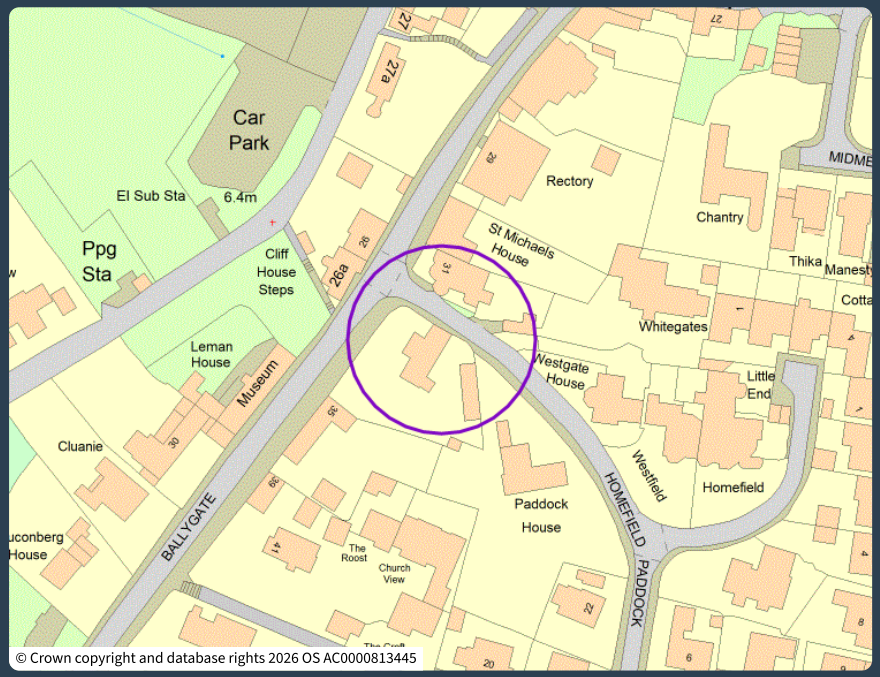
During design development, a standard two-story dwelling and a street-facing, high-pitched gable design were explored. Both options were discounted but they failed to respect the unique setting, risked dominating the historic boundary wall, and threatened to disrupt the uniform visual harmony of the Beccles Conservation Area. The proposed layout represents the most sympathetic, high-quality, and structurally contextual solution for this windfall site.

EnviroSearch Residential

Property address

33, Ballygate, NR34 9ND, England





Professional opinion

Contaminated Land	Page 2	Passed

Full assessment

Flood	Page 3	Passed
Climate change	Page 4	Guidance
Ground stability	Page 7	Identified
Radon	Page 8	Not Identified
Energy & Infrastructure	Page 9	Identified
Planning constraints	Page 10	Identified

Alert assessment

Coal mining	Page 11	No coal report required
Planning applications	Page 12	Identified

Homebuyer advice

This report is designed to help you understand environmental factors that might be relevant to your property. As this report includes a range of risk factors, we recommend reading each section to find out more and check our guidance. For more information, please see our FAQs: https://www.landmark.co.uk/legal-conveyancing/legal-reports-support/

Contaminated Land

PROFESSIONAL OPINION

Passed

Passed Certificate

No liability identified

The property is unlikely to be designated "contaminated land" within the meaning of Part 2A of the Environmental Protection Act 1990.

Approved by:

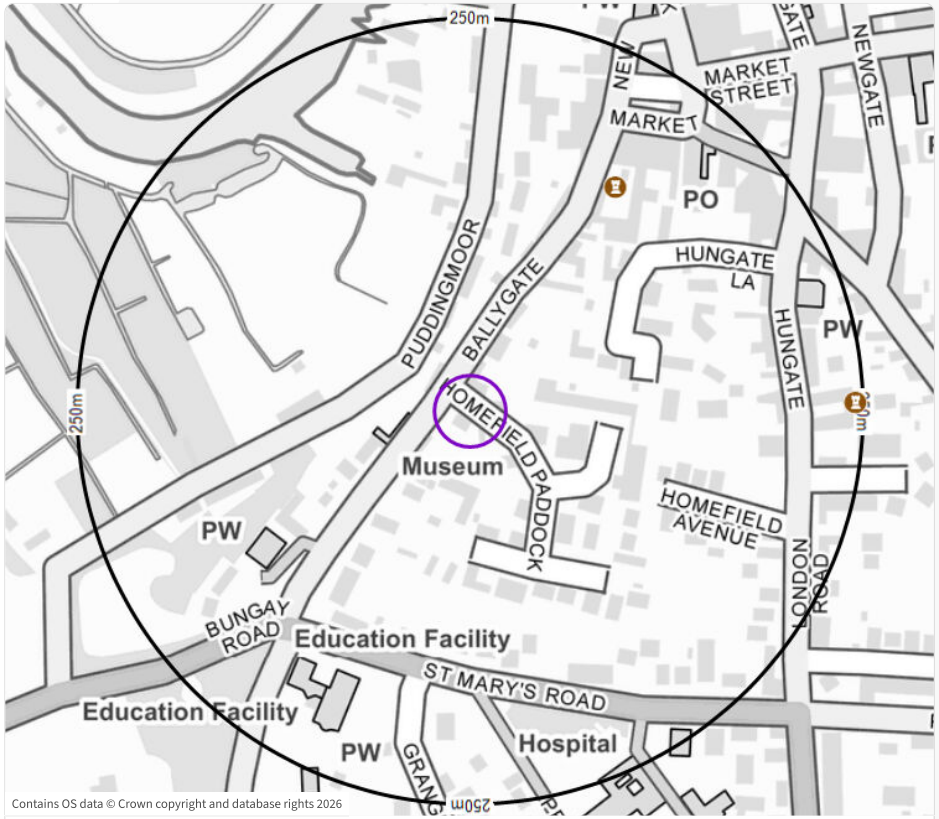
Argyll Environmental

Landmark Contribution

By purchasing this report, the recipient may be eligible for remediation contribution of up to £150,000 if served with a Remediation Notice by the local authority. Such a notice may require the homeowner to pay for all, or contribute to, the remediation of the property. For more information see Landmark's Terms and Conditions.

Why we search this

Local Authorities have a duty to investigate potential land contamination. Where they identify a significant hazard, the owner of the land may find themselves liable to remediate. The aim of this assessment is to flag whether there is a risk of liability at your property, so it can be addressed as part of your due diligence process.



Risk	Search radius	Result
Multiple features present		
Authorised Industrial Processes	On-site	Not Identified
Landfill & Waste	On-site	Not Identified
Incidents & Enforcements	On-site	Not Identified
Current Land Uses	On-site	Not Identified
Historical Land Uses	On-site	Not Identified

Flood

FULL ASSESSMENT

Passed

Professional opinion

We have identified the property to be within an area that is at minimal or no risk of flooding.

Insurance

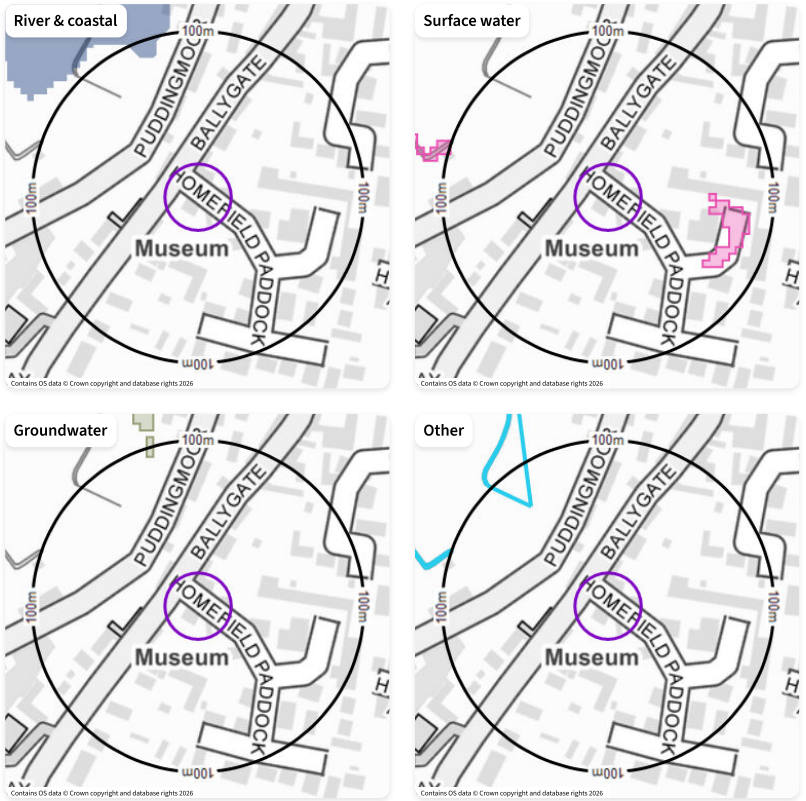
Buildings and contents insurance should be available and affordable.

Recommendations

1. Ask the seller whether the property has flooded in the past. If it has, contact us for advice.
2. Establish the availability of buildings and contents insurance before exchanging contracts.

Why we search this

1 in 6 properties in the UK are at risk of flooding, and this risk varies in severity. Flood risk can impact property value and your ability to get home insurance at standard terms, if the flooding was to occur. We are assessing the likelihood of flooding occurring, and where possible the significance of an event. We also advise on the availability of insurance and whether the location has flooded in the past. Where information about defences is available, we will have taken them into account as part of our assessment.



Risk		Search radius	Result
	River	On-site	Very Low
	Coastal	On-site	Very Low
	Surface Water	On-site	Very Low
	Groundwater	On-site	Very Low
	Other	50m	Very Low

Climate change

Guidance

Flood (see data)

Not Identified

	Today	2050 RCP4.5
River	Negligible	Negligible
Coastal	Negligible	Negligible
Surface water	Negligible	Negligible

There is minimal or no risk of flooding based on the mid-range climate scenario for the property.

Recommendations

1. Ask the seller whether flooding has occurred in the area before.
2. Establish the availability of buildings and contents insurance before exchanging contracts. This may be provided by the Flood Re scheme. This scheme is due to end in 2039.

Understanding this risk

This climate flood risk assessment is based on a specific decade (2050s), and Representative Concentration Pathway (RCP) 4.5. This is generally thought to be the mid-range scenario.
A 'stress test' table is provided in the appendix of this report which provides the risk assessment for additional time periods and RCPs.
Further information on flood risk, and climate scenarios can be found in our FAQs - https://www.landmark.co.uk/legal-conveyancing/legal-reports-support/

Coastal Erosion

Not Identified

Today (undefended) Negligible

Distance from coast: > 2000m.

Given the distance from the coastline, the property is not considered to be at risk of coastal erosion.

No Shoreline Management Plans (SMPs) have been identified in proximity to the property.

Recommendation

1. No further action required.

Understanding this risk

Coastal erosion is a natural occurrence expected to affect areas of the UK coastline. Climate change, through more severe storms and sea level change, is expected to result in higher erosion. While the percentage of properties at risk will be small, the impact would be significant.
Some areas of the coastline are covered by Shoreline Management Plans (SMPS). SMPs help to deliver the ambitions of the National Flood and Coastal Erosion Risk Management Strategy.
Further information on coastal erosion, and climate scenarios can be found in our FAQs - https://www.landmark.co.uk/legal-conveyancing/legal-reports-support/

Climate change

Guidance

Ground Stability (see data)

Not Identified

Shrink-swell risk	Likelihood of risk change
Negligible	Highly Unlikely
Today	2050 RCP4.5 Average

Data based on the baseline (current) risk indicates that the property is located in an area where the ground conditions are predominantly non-plastic, or of a low plasticity. As such it is not considered likely that a significant shrink-swell hazard exists.

Data based on the future risk indicates that it is highly unlikely that foundations will be affected by increased clay shrink-swell due to changes in climate by 2050.

Recommendation

1. No further action required.

Understanding this risk

This climate assessment is based on a specific decade (2050s), and Representative Concentration Pathway (RCP) 4.5. This is generally thought to be the mid-range scenario. A 'stress test' table is provided in the appendix of this report which provides the risk assessment for additional time periods and RCPs.
More information is available in our FAQs - https://www.landmark.co.uk/legal-conveyancing/legal-reports-support/

Heat Stress (see data)

Guidance

Today: 14.2 %	2050 RCP8.5: 23.2 %
	
Low 7.9 %	Low 9.7 %
Medium 6.1 %	Medium 13.0 %
High 0.2 %	High 0.6 %

Data shows the percentage of days spent in, and the severity of heatwave conditions. This is based on thresholds from the Met Office and current models for the location of the property using the worst-case predictions based on RCP8.5.
Heatwave thresholds vary by UK county, reflecting the difference in climate.

Recommendations

1. If you have concerns about high indoor temperatures, there are practical steps you can take that may help in managing the temperature inside your property in this guide: https://www.gov.uk/government/collections/hot-weather-and-health-guidance-and-advice. It also sets out which types of dwellings are more prone to overheating and which demographics are likely to be more susceptible.
2. In June 2022, Part O of Schedule 1 to The Building Regulations 2010 came into effect, relating to mitigating overheating. Speak to the developer to determine if this has been taken into account for new builds. A non-technical document should exist for the property under the regulations.

Understanding this risk

The Met Office have stated that climate change is already causing warming across the UK and the UK's ten warmest years on record have occurred since 2002. It is predicted that based on UKCP18, the most up to date Met Office climate predictions, by 2070, summer temperatures will be between 1 – 6°C warmer and 60% drier with a greater possibility of heatwaves.
More information is available in our FAQs - https://www.landmark.co.uk/legal-conveyancing/legal-reports-support/

Climate change

Guidance

Energy Performance

Guidance

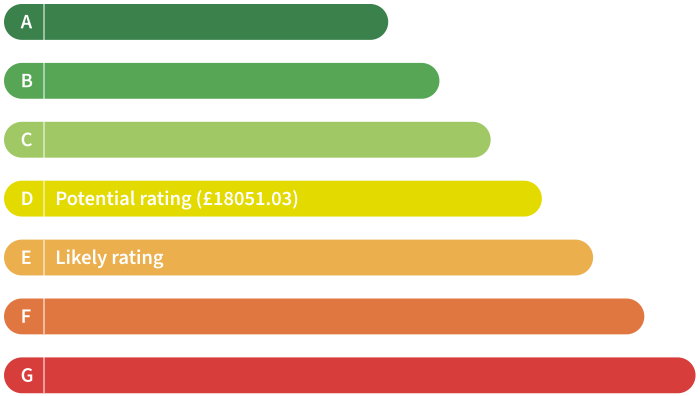
Likely property rating:
Valid EPC certificate

E

Potential rating this property could achieve:
Consider improving the rating to decrease running costs

D

Indicative costs to improve EPC rating



Domestic Energy Performance

EPCs rate a building's energy efficiency from A (most efficient) to G (least efficient). They are required whenever a property is built, sold, or let in the UK. The table below outlines the current minimum EPC rating and proposed future changes.

Date	For who?	Minimum EPC rating
1st April 2020	All Tenancies	E
1st October 2030	All Tenancies	C (proposed)

If an exemption applies, landlords will need to register this on the PRS Exemption Register. It is the landlord's obligation to ensure they are compliant. Freehold Properties: For homeowners, there are no minimum energy efficiency standards, but improving a property's performance reduces energy use, emissions, and bills.

Recommendations

1. Review your EPC - it outlines recommended measures to improve your property's energy efficiency.
2. The Government has recommended measures to improve efficiency of residential properties. Consult a surveyor for property specific recommendations. https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance

Understanding this risk

It is a legal requirement for any property marketed for sale or rent to have a valid Energy Performance Certificate (EPC), except for specific exemptions.
More information is available in our FAQs - https://www.landmark.co.uk/legal-conveyancing/legal-reports-support/

Ground stability

FULL ASSESSMENT

Identified

Summary

We have identified a risk of ground stability hazards at the property.

Recommendations

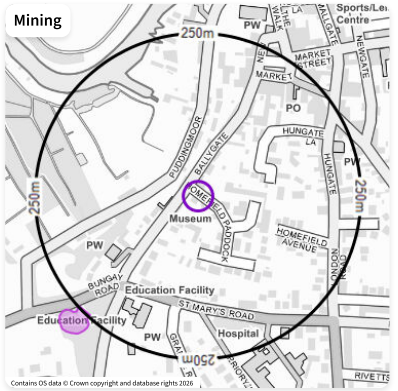
1. We recommend that you consult a local RICS accredited surveyor to arrange a survey for the property. The survey should assess whether the property is affected by ground stability issues.
2. Further information may be available from the Minerals and Waste Officer at the County Council and the Local Building Controls Officer.
3. If any active ground instability appears to be affecting your property, inform your insurance company, mortgage lender, landlord or get specialist advice from a suitably qualified expert such as a structural surveyor, geotechnical engineer or chartered engineering geologist. If active ground instability does not appear to be affecting your property but the area has a potential for instability, this should be taken into account before undertaking any alterations to the existing property.

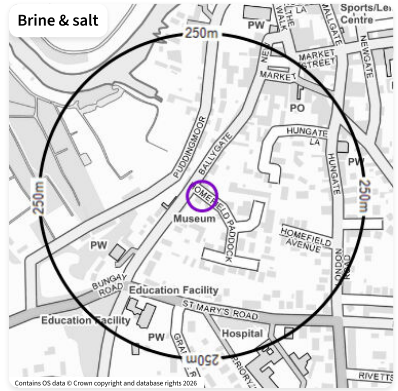
Why we search this

Subsidence is caused by movement in the ground beneath a property, impacting the security of the foundations. This can cause the walls and floors to shift, leading to cracks and potentially destabilising the construction of the property.









Risk	Search radius	Result
Multiple features present		
Natural hazards	Mixed	Identified (1)
Man-made hazards	On-site	Not Identified
Mining	Mixed	Not Identified
Brine and Salt	On-site	Not Identified

Radon

FULL ASSESSMENT

Not Identified

Summary

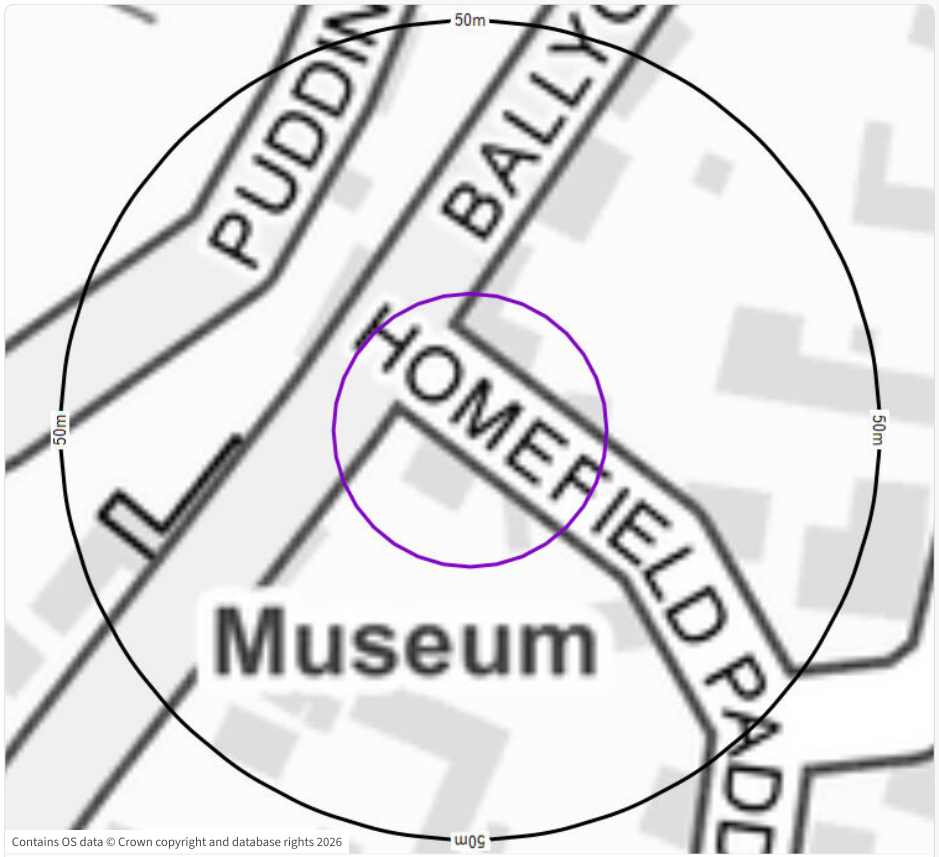
The property is not in a radon affected area. Less than 1% of homes are estimated to be at or above the action level.

Recommendations

1. The result is only valid for properties above ground. All basements and cellars are considered to be at additional risk from high radon levels. If an underground room such as a cellar or basement makes up part of the living accommodation, the property should be tested regardless of the radon affected area status.
2. No protective measures are considered necessary in the construction of new buildings or extensions.

Why we search this

Radon is a radioactive gas which occurs naturally in rocks and soils. You cannot see, hear, feel or taste it. Radon is known to be carcinogenic, and exposure to particularly high levels of radon may increase the risk of developing lung cancer. It is easily identified, and measures can be put in place to disperse the gas, either at the time of building a property or retrospectively.



Contains OS data © Crown copyright and database rights 2026

Percentage of properties affected by radon	Search radius	Result
>30%	On-site	Not Identified
10-30%	On-site	Not Identified
5-10%	On-site	Not Identified
3-5%	On-site	Not Identified
1-3%	On-site	Not Identified

Energy & Infrastructure

FULL ASSESSMENT

Identified

Summary

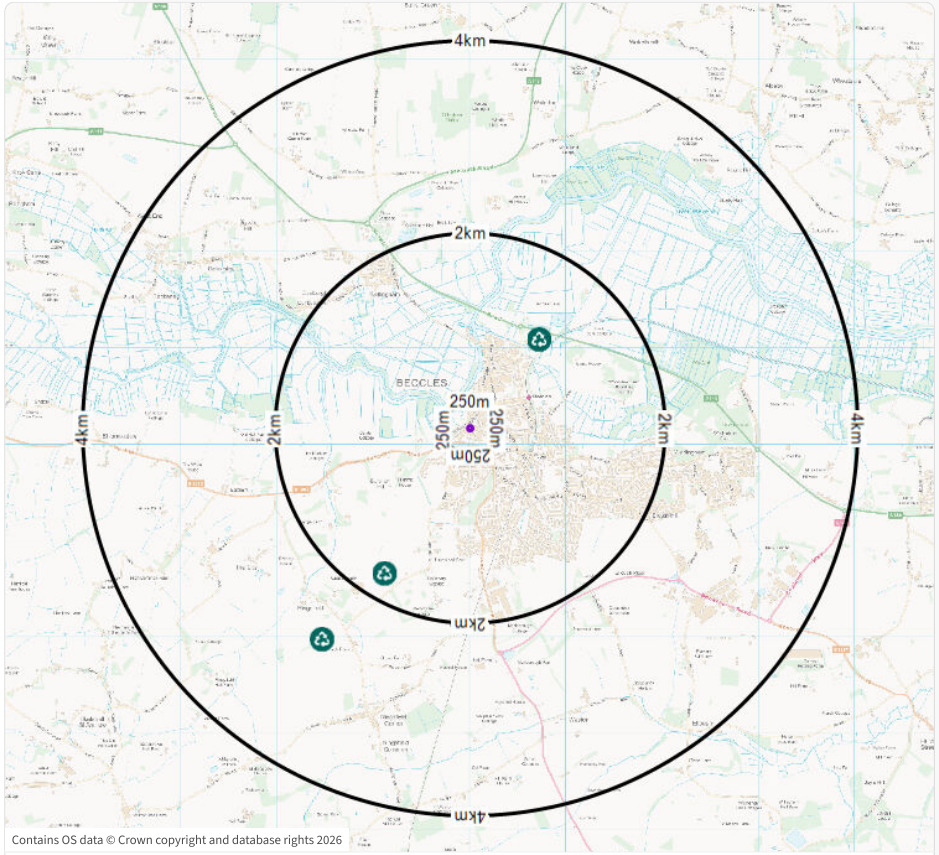
We have identified features in proximity to the property.

Recommendations

1. The data section has the full details of each project we've identified, along with the operator details if you'd like to contact them to find out more.
2. For planned projects, contact the Local Planning Authority to find out if there are any associated planning applications with details on likely activities.

Why we search this

Energy and infrastructure projects have the potential to affect the enjoyment and value of a property. They may result in changes to how a neighbourhood looks or sounds and may also have an impact on property value. Depending on the project, this may be positive or negative.



Contains OS data © Crown copyright and database rights 2026

Risk	Search radius	Result
Multiple features present		
Non-Renewable Energy	4km	Not Identified
Renewable Energy	4km	Identified
Above & Below Ground Railways	250m	Not Identified
HS2 & Crossrail 2	2km	Not Identified

Planning constraints

FULL ASSESSMENT

Identified

Summary

We have identified records of environmental designations at the property. We have not identified any records of pylons or masts within 250m of the property.

Recommendations

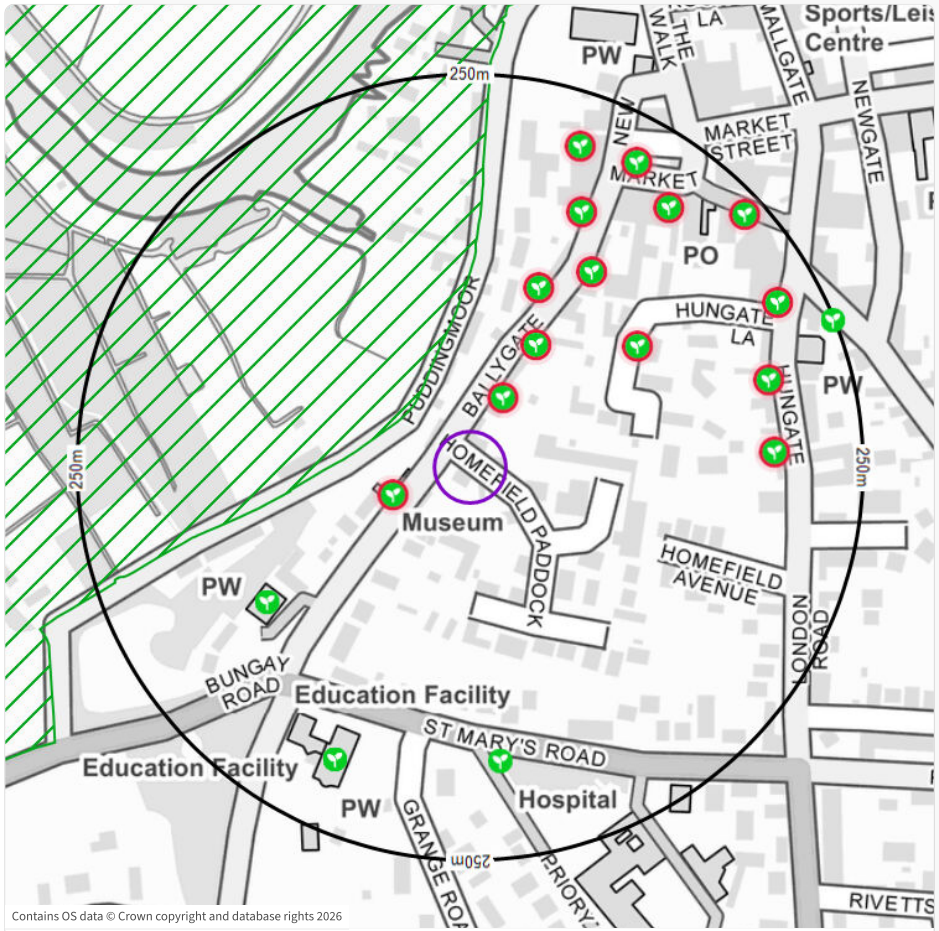
1. If you are considering carrying out development on this property, you will need to contact your Local Planning Authority to see if there would be any implications.
2. Visit the property to ensure there are no other features which would be of concern.

Important note

Not all of the available datasets will be represented as polygons on the map. For full details of any identified features, please consult the data appendix.

Why we search this

Some additional factors could have an influence over the property or surrounding area. This includes nearby pylons or masts, or environmental designations such as areas of outstanding natural beauty. Whilst environmental designations can be considered a positive, they can affect the ability to carry out any development at the property.



Risk	Search radius	Result
Multiple features present		
Environmental Designations	250m	Identified (58)
Pylons and Masts	250m	Not Identified

Coal mining

POWERED BY PINPOINTCOAL

ALERT ASSESSMENT

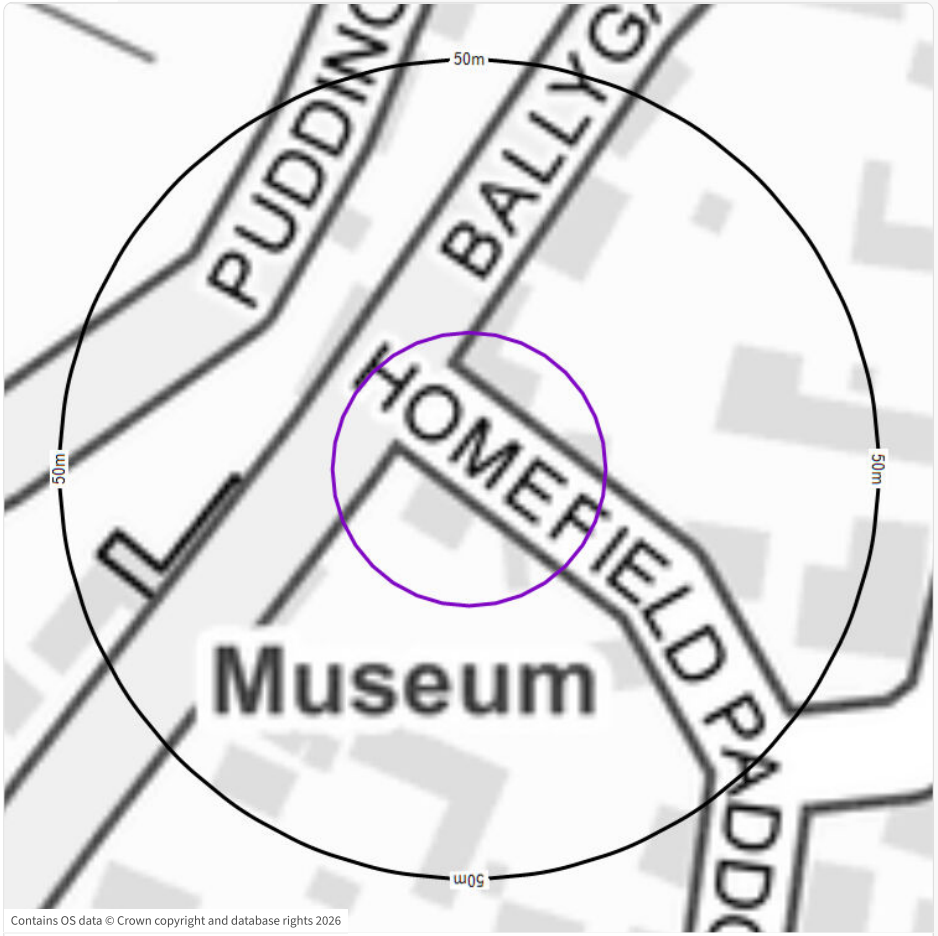
No coal report required

PINPOINT Certification

The property is not in an area subject to material risks from coal mining. No further action is required.

Why we search this

Coal mining and associated ground stability risks are present in certain locations across the UK as a result of past mining activities conducted to satisfy demand for coal as it increased throughout the Industrial Revolution. These mining activities have left a legacy of ground stability and/or subsidence risks.



Contains OS data © Crown copyright and database rights 2026

Risk	Search buffer	Result
Coal mining risk	On-site	Not Identified

Planning Applications

ALERT ASSESSMENT

Identified

Planning applications nearby

We have identified planning application records at or near the property.

Recommendation

1. For information about each identified planning application, along with a link to the full application on the Local Authority website, please purchase a Landmark Planning report through your usual report provider.

Important note

Not all of the available datasets will be represented as polygons on the map. For full details of any identified features, please consult the data appendix.

Why we search this

The potential impact of planning applications is subjective. The aim of this report is to flag what types of applications are present in the surrounding area. We have also included local authority planning strategies from the Local Development Plans that could be relevant to your property. These can be found in the Data Appendix.



Risk	Search radius	Result
Multiple features present		
Large	750m	Identified
Medium	250m	Identified
Small	250m	Identified
Unclassified	250m	Not Identified
Alterations and minor new builds	75m	Identified

Data appendix

The rest of the report outlines the data used to inform the previous sections. There's no need to read on unless you're after the detail of a particular dataset used to inform our opinion.

We will only show maps and detail where a risk has been identified.



How to use this report	15
Understanding the data	16
Datasets searched	20
Contaminated Land	
Authorised industrial processes	Not identified
Landfill and waste	Not identified
Incidents & Enforcements	Not identified
Current land uses	Not identified
Historical land uses	Not identified
Flood	
River and Coastal	
Surface water	Not identified
Groundwater	Not identified
Other	Not identified
Climate change	
River Flooding	23
Coastal Flooding	24
Surface Water Flooding	25
Coastal Erosion	Not identified
Ground stability	26
Heat stress	27

Ground stability	
Man-made hazards	Not identified
Natural factors	28
Mining	Not identified
Brine and Salt	Not identified
Energy & Infrastructure	
Non-Renewable Energy	Not identified
Renewable Energy	29
Rail Infrastructure : Above and below ground railways	Not identified
Rail Infrastructure : HS2 & Crossrail 2	Not identified
Planning constraints	30



How to use your report

The report is designed to satisfy the concerns raised by the Law Society warning card and has been prepared to assist conveyancing professionals who may be advising clients when they sell or buy a property, obtain a mortgage or seek further mortgage advice. It is designed to bring information to their attention and help them decide whether they need to seek any further specialist advice. As the report is so detailed, this information can cause concern, but professional advisors will see that further action is suggested on all issues that have been identified.

How do we examine the risk?

This report is generated based on the boundary selected at the point of order to represent the property. Where the location was provided to us as a point only, the report is based on a 25m radius around this point; any features which are present within this boundary are considered to be 'on-site'.

In this report there are two different ways we can examine each risk. These are indicated on the cover page, and we also highlight the assessment type on each risk summary page.

Professional opinion

This is the highest level of risk assessment. A full assessment is run on the data. If the outcome is above the threshold for that risk, one of our in-house consultants will personally review the outcome. This may lead to the risk outcome being downgraded to a lower level based on our expertise and methodology.

Full assessment

Based on the data that is relevant to your property, we have created an automated opinion and recommendations using our expertise and risk models.

Alert assessment

We identify data within the search area, which may be relevant to the property. If features or potential hazards are found, we would recommend additional reports are obtained to clarify these further.

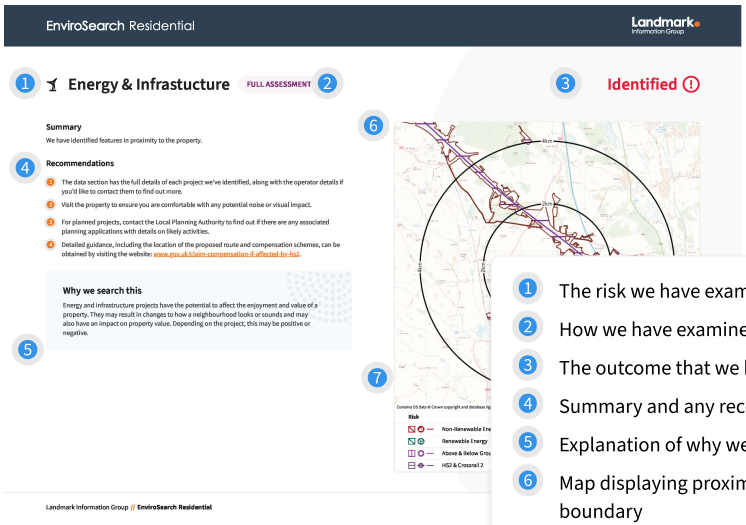
The front page of this report advises the outcome for each section based on one of these categories:

- **Passed:** We do not consider this to be a risk
- **Passed with guidance:** We have identified a risk but do not consider it to be significant. Please review the guidance.
- **Further Action:** We have identified a risk which we recommend you investigate further.
- **Identified:** We have identified a potential hazard risk in this section
- **Not identified:** We have not identified any potential hazards in this section.

Guide to the risk summary pages

Each risk has a dedicated summary page, outlining the risks on a map, with a key. More details of any identified features can then be seen in the Data Appendix of this report.

This report is not designed to be printed. Please store it securely online, and consider the environment before you print.



1. The risk we have examined
2. How we have examined each risk (see left)
3. The outcome that we have determined
4. Summary and any recommendations
5. Explanation of why we search this risk
6. Map displaying proximity of any issues to boundary
7. Map key identifying any risk features

Understanding the data

Contaminated land

A Professional Opinion in relation to Part 2A of the Environmental Protection Act 1990 is provided. In many cases the report will be passed without referral. However, in some cases, entries that may be of concern are revealed by the search, in which case the report is referred free of charge for more detailed consideration, although this will not include a physical site inspection. After such referral the report may be passed or suggestions made of some further action that could be taken, usually in the form of questions to ask of the appropriate authorities. When responses to these questions are received it is the responsibility of the client and their professional advisors to decide if they are happy to proceed.

Flood

Types of flooding

River	River flooding, also known as 'fluvial flooding', occurs when rivers and streams are unable to carry away floodwaters within their usual drainage channels. It can cause widespread and extensive damage because of the sheer volume of water.
Coastal	Coastal flooding results from a combination of high tides, low lying land and sometimes stormy conditions. It can cause widespread and extensive damage because of the sheer volume of water.
Surface water	Surface water flooding, also known as 'pluvial' flooding, is common during prolonged or exceptionally heavy downpours, when rainwater does not drain away into the normal drainage systems or soak away into the ground.
Groundwater	Groundwater flooding generally occurs during long and intense rainfall when underground water levels rise above surface level. Groundwater flooding may last for weeks or several months.
Historical flood events	We analyse proximity to and elevation above historical flood records to better understand the risk of flooding.
Watercourses	The flood risk from smaller watercourses is not always modelled, so we include proximity to nearby watercourses in our overall analysis.

Understanding flood risk

It is important to understand that flooding can happen anywhere, even if you don't live near to a watercourse or the sea. Insurance may be expensive or difficult to obtain if your home is at risk, so it is vital to understand the risk of flooding of your home or before purchasing a property.

Flood risk is based on the likelihood of a flood event and the potential impact.

Likelihood: Flood risk is based on probability and different approaches to flood protection may be needed depending upon how likely flooding is expected. A common way of expressing how likely a flood event is to occur is 'return period'. For example, a 1:100 year event has a 1% likelihood of occurring in any given year, whereas a 1:200 year event has a 0.5% likelihood of occurring in any given year. The 1:200 event would be expected to result in a greater extent of flooding than the 1:100 event, as it would be more severe, but the likelihood of it occurring is lower.

Impact: We consider the expected depths of flooding at your house. Low depths, for example, 10cm, are unlikely to put people at risk but water damage to buildings and contents may be significant without any flood protection. High water depths, for example 1m, may severely threaten the safety of people and may cause extensive damage to buildings. It may be dangerous to keep deep floods out of a building because of the large weight of water pressing against the wall.

River and Coastal

It is important to understand that flooding can happen anywhere, even if you don't live near to a watercourse or the sea. Insurance may be expensive or difficult to obtain if your home is at risk, so it is vital to understand the risk of flooding of your home or before purchasing a property. Flood risk is based on the likelihood of a flood event and the potential impact.

Likelihood: Flood risk is based on probability and different approaches to flood protection may be needed depending upon how likely flooding is expected. A common way of expressing how likely a flood event is to occur is 'return period'. For example, a 1:100-year event has a 1% likelihood of occurring in any given year, whereas a 1:200-year event has a 0.5% likelihood of occurring in any given year. The 1:200 event would be expected to result in a greater extent of flooding than the 1:100 event, as it would be more severe, but the likelihood of it occurring is lower.

Impact: We consider the expected depths of flooding at your house. Low depths, for example, 10cm, are unlikely to put people at risk but water damage to buildings and contents may be significant without any flood protection. High water depths, for example 1m, may severely threaten the safety of people and may cause extensive damage to buildings. It may be dangerous to keep deep floods out of a building because of the large weight of water pressing against the wall.

Surface water flooding

We use JBA Pluvial data to understand the risk of surface water flooding. We analyse the risk of surface water flooding in three separate return periods, 1:75, 1:200 and 1:1000. We then look at the likely flood depth

Understanding the data

bandings within these return periods and assign appropriate risk ratings based on these depth bandings.

Groundwater flooding

To analyse groundwater flood risk we use data from Geosmart. The dataset consists of a national 5m resolution model designed to provide an assessment of groundwater flood risk.

Other

The flood risk from smaller watercourses is not always modelled, so we include proximity to nearby watercourses in our overall analysis. We incorporate data that shows both natural and man-made water features.

In addition, we look at the location of Flood Water Storage areas, which are designed to store floodwater during flood events.

Historical flood information is supplied by Environment Agency and shows recorded flood outlines and contains information on the cause of the event. This data does not advise if water entered the property or not, simply the recorded outline of the flood event. This may have occurred before the property was built.

Radon

Radon is a natural radioactive gas, which enters buildings from the ground. It is the geological conditions in certain areas that can lead to higher than average volumes (some of the highest radon levels have been found in the southwest, but levels well above average have been found in some other parts of the UK).

Radon has no taste, smell or colour and special devices are needed to measure it. The gas is diluted to harmless levels out in the open but has the potential to build up to higher concentrations indoors. Exposure to high concentrations of Radon gas can pose a health risk and studies have shown that it increases the risk of lung cancer.

This report informs you whether the property is in a radon Affected Area and the percentage of homes that are estimated to be at or above the radon Action Level. This does not necessarily mean there is a radon problem in the property; the only way to find out whether it is above or below the Action Level is to carry out a radon measurement in an existing property.

If you are buying a currently occupied property in a Radon Affected Area, you should ask the present owner whether radon levels have been measured in the property. If they have, ask whether the results were above the Radon Action Level and if so, whether remedial measures were installed, radon levels were re-tested, and the results of re-testing confirmed the effectiveness of the measures.

Climate Change

Flood

The flood risk analysis in this section considers the on-site undefended river, coastal and surface water flood risk. The data within the flood risk section of this report is generated by JBA Risk Management. The results of this section may differ from the main Flood summary in our report, as it is using different sources of data.

This report includes primary analysis of the current on-site flood risk, and for RCP 4.5 (based on 2050) to highlight a medium-term view of climate change at the property. A stress testing table has also been included for the purposes of providing on-site analysis across a range of RCPs. The mapping will show the extent of any flood risk within the mapped area. Where flood risk is shown on the mapping, but does not appear within the property boundary, it does not form part of our on-site analysis.

If a flood risk is identified on-site, then the data appendix will include information on short-, medium- and long-term predications, along with detailing three return periods: 1:75, 1:200, 1:1000.These return periods refer to the likelihood of flooding in any given year, with 1:75 being the most likely but most limited in extent, and 1:1000 being least likely, but more catastrophic if it were to occur.

Flood Re is a joint initiative between the Government and insurers. Its aim is to make the flood cover part of household insurance policies more affordable. More information can be found here https://www.floodre.co.uk/.

Coastal Erosion

The coastal erosion risk considers the undefended erosion susceptibility of the coastline closest to your site or property. The baseline data within this section of this report is generated by the British Geological Survey (BGS). The distance from the property to the coastline is a straight-line measurement.

Some areas of the coastline are covered by Shoreline Management Plans (SMPS). SMPs help to deliver the ambitions of the National Flood and Coastal Erosion Risk Management Strategy. They set out a planned approach to managing flood and coastal erosion risk around the coast of England and Wales to 2105.

Ground Stability

The ground stability analysis in this report includes consideration of shrink-swell of clay soils. The data within the ground stability section of this report is generated by the British Geological Survey (BGS) using UKCP09 projections. We show the current hazard level and the likelihood that this would change based on the RCP4.5 2050 scenario.

The most common cause of natural subsidence in the UK is the shrinking and swelling of clays. The soils swell, absorbing moisture in wet conditions, and contract when they dry out, which can result in ground movement. Further information on current risk can be found in the Ground Hazards section of your current environmental report.

Understanding the data

This report includes primary analysis of the current ground stability risk, and for the average period of dry conditions (based on 2050) to highlight a medium-term view of climate change at the property based on average conditions. A stress testing table has also been included for the purposes of providing analysis based on drier, average or wetter conditions. In addition, should a risk be identified the data here will include additional time periods, and analysis based on drier, average or wetter conditions.

Heat Stress

The heat stress data used within this report is derived from the UKCP18 regional climate projections for average summer temperatures. The classification of the level of severity of the heatwave is set using UKHSA thresholds.

This data shows the percentage and number of days spent in heatwave conditions at low, medium or high severity, for today and 3 additional time periods.

Energy Performance

Where possible, an Energy Performance Certificate (EPC) rating for the property has been identified and reported, with the inspection date, and a 'valid until' date. If no EPC is available, this will either be reported as 'EPC unconfirmed' or 'No valid EPC'. Where 'EPC unconfirmed' or 'No EPC available' is reported, it is possible that the property does have a valid EPC and we would recommend further checks are undertaken in this regard. The EPC ratings are harvested from the EPC register on a regular basis, but it is possible that during the period between updates, a property has been given a valid EPC.

For residential properties with a valid EPC, as well as including a current EPC rating, where possible, we have provided a potential EPC rating if various energy performance improvements were made – along with indicative costs for these improvements. This potential rating and the associated costs are intended to provide a useful possible view of potential energy performance improvements. It is not a guarantee that the Potential Energy Performance rating is possible at the property and should not replace a detailed site-specific assessment completed by a surveyor. In addition, for residential properties where there is no valid EPC, or an EPC cannot be confirmed, we will try to report a 'likely' energy performance rating. Again, this is intended to provide a useful possible view of the EPC for the property and is not a guarantee that the reported 'likely' rating will be given once an EPC has been completed.

Planning: Applications

This report includes an alert for nearby planning applications. To do this, we check each project or development against your property boundary. If we find something on-site or nearby, we will display 'Identified' on the front page. If we don't find anything, we will display 'Not identified'. We will only describe issues relevant to the property in this report.

Where possible, we will represent larger planning applications as a polygon. Our ability to do this is limited by: the presence or absence of the planning application having been made available online; the availability/accessibility of the plan on the Local Authority website; and Landmark's ability at a point in time to capture the record. Small applications will be represented by a point, although a limited number may be presented as a polygon.

We have considered planning applications captured by Barbour ABI Ltd within the last 7 years to inform you of current or future developments that could influence your enjoyment and use of the property. We use different search buffers based on the size of the potential development project.

Development in the UK is controlled by the government's planning legislation, which is regulated and enforced by your local authority planning department. Once a planning application request has been submitted and published, it can take up to 6 weeks for us to receive and use in our reports.

Applications are often submitted with imprecise or incomplete address details and because of this the locations we use may not always represent a development site's full extent. We endeavour to position applications in the most appropriate location we can, using the address details available to us. If nearby development is likely to significantly influence your choice to purchase the property, we would recommend you use this report as a starting point for more extensive investigations.

This report does not include a data section for Planning applications. Should any applications have been identified, please purchase the Landmark Planning report through your usual reseller.

Ground stability

This section provides information on a range of ground stability issues; either naturally occurring or arising from previous mining activity. Ground stability is important, as subsidence, landslide and sink holes can all cause damage to properties.

We search a number of different sources of information to identify areas of past mining. Old mine shafts and tunnels can collapse and damage properties above them. Disturbed ground and spoil tips can also be prone to settlement which could cause structural damage to buildings. We also identify areas of historical salt and brine extractions. This type of mining leaves large cavities in the ground which could collapse and cause problems for properties built in the area.

We use historical mapping to identify areas formerly used for landfill and areas of other infilling such as ponds, drains and small pits. Infilled land can be susceptible to settling so any houses that have been built on these areas could experience ground stability problems and subsidence resulting in damage to your property.

We also consider areas of land that could be prone to ground instability and subsidence as a result of the natural underlying geology. Examples include areas of the UK at a higher risk of landslides or where sink holes could occur.

Understanding the data

Coal mining

We use data from PinPoint to assess if you are in an area affected by Coal Mining activity. If you are assessed as being at risk, we include full details regarding that risk. Conversely, if you are assessed as not being at risk, you are provided with certification informing you of that outcome.

Energy and Infrastructure

Non-renewable energy

This section contains the extents of all 'Blocks' that are currently licensed for the exploration and production of energy, along with the locations of all current and historic wells that have been licenced for the exploration of energy. This is provided by North Sea Transition Authority.

'Blocks' are large areas of land where a licence has been offered or granted for the exploration or production of energy. The presence of one or more of these licences does not mean that exploration or production will happen.

Drilling wells cover the following categories: shale gas; gas storage; methane gas; coalbed methane; conventional oil and gas.

This section also includes details of the Southampton to London pipeline; a replacement underground aviation fuel transportation pipeline that runs from ESSO's Fawley Refinery near Southampton to their West London Terminal storage facility in Hounslow. The replacement works have been completed; however, land regeneration works will continue for several years.

Renewable energy

This section of the report covers wind, solar and other renewable energy sources, including planning information for proposed projects with a capacity of over 1MW from the Department of Energy & Climate Change.

The report will only consider a planning application to be 'Identified' if the application is active. We will still provide details of the inactive applications, as these can provide context on intended activity in the area. These are usually applications that have been refused, withdrawn or abandoned.

We provide details of Wind Farms as held by the British Wind Energy Association, in addition to details of Wind Turbines located using Ordnance Survey large scale mapping.

We include details on solar farms which generate between 1MW and 50MW of power. As a rough guide 2 to 3 hectares of land are required for every 1MW of power produced. This data, from the Department of Energy & Climate Change, shows the location of operational and proposed solar farms with a point reference. As such the farm could be nearer to your property than indicated depending on how large the solar farm is. The data provides the name of the operating company, the generating capacity, and the farm's operational status.

As well as wind and solar power there are a variety of other renewable power sources in the UK. This section of the report uses Department of Energy & Climate Change data to identify the following other types of renewable energy: Small / Large Hydroelectric, Shoreline Wave, Tidal Barrage / Stream, Biomass, Co-firing, Anaerobic / Sewage Digestion, Hot Dry Rocks, Landfill Gas, Energy From Waste (EfW) Incineration, Advanced Conversion Technology.

Above and below ground railways

The above and below ground railways section provides details on existing or historic railways. This includes data supplied by Crossrail1 for the route and stations; Railway lines (including underground, overground, national rail and tram lines) sourced from OpenStreetMap; and Stations and stops (including Metro, Tram, Underground, Preserved and Inactive stations) sourced from Department of Transports NaPTAN API and Ordnance Survey OpenMap Local product for the United Kingdom.

As this data includes records of historic railways, it is possible that the railways identified are no longer present.

HS2 and Crossrail 2

The High Speed 2 (HS2) and Crossrail2 section of the report provides details on the proposed route, stations and safeguarding areas for each of the projects, based on Consultation documents and data provided by the Department for Transport.

In October 2023, the HS2 project was scaled back by the Government; discussions continue regarding the appropriate next steps, and as such the data provided may not reflect the most recent changes. Full details about the Phase 2 cancellation can be found here: https://www.hs2.org.uk/

Crossrail 2 is also not finalised, with Transport for London (TfL) and the Department for Transport (DfT) still engaged with discussions around the project's safeguarding measures

Planning constraints

Pylons are extracted from Ordnance Surveydata in MasterMap and only show significant lines; if the pylons are not shown on the mapping then they will not be reported.

We also show the location of any Environmental Constraints that are from datasets recognised as being relevant to Part 2A of the Environmental Protection Act 1990.

The Local Nature Reserves national dataset is 'indicative' not 'definitive'. Definitive information can only be provided by individual local authorities, and you should refer directly to their information for all purposes that require the most up to date and complete dataset.

Datasets searched

Contaminated land

Authorised Industrial Processes

Local Authority Pollution Prevention and Controls
Planning Hazardous Substance Consents
Control of Major Accident Hazards Sites (COMAH)
Notification of Installations Handling Hazardous Substances (NIHHS)
Explosive sites

Landfill and Waste Sites

Registered Waste Treatment or Disposal Sites
Registered Waste Transfer Sites
BGS Recorded Landfill Sites
Registered Landfill Sites
Licensed Waste Management Facilities (Landfill Boundaries)
Local Authority Recorded Landfill Sites
Historical Landfill Sites
Licensed Waste Management Facilities (Locations)

Incidents and Enforcements

Enforcement and Prohibition Notices
Prosecutions Relating to Authorised Processes
Planning Hazardous Substance Enforcements
Prosecutions Relating to Controlled Waters
Local Authority Pollution Prevention and Control Enforcements
Prosecutions (Post 2000)
Contaminated Land Register Entries and Notices
Substantiated Pollution Incident Register

Historical Land Use

Potentially Contaminative Industrial Uses (Past Land Use)
Potentially Infilled Land (Non-Water)
Potentially Infilled Land (Water)
Historical Tanks And Energy Facilities

Current Land Use

Fuel Station Entries
Contemporary Trade Directory Entries

Miscellaneous

Landmark Risk Assessed Land Register
Water Abstractions
Source Protection Zones Locations
BGS Bedrock Aquifer Designations
BGS Superficial Aquifer Designations
VMD Water Features
OS NGD Water Link

Flood

River and Coastal Flooding

Flooding from Rivers or Sea without Defences
Extreme Flooding from Rivers or Sea without Defences
Risk of Flooding from Rivers or Sea (RoFRS)
Flood Defences (with attributes)
Flood Map: Areas Benefitting from Flood Defences

Surface Water Flooding

JBA Pluvial 75 Depths
JBA Pluvial 200 Depths
JBA Pluvial 1000 Depths

Groundwater Flooding

Groundwater Flood Risk 5m
JBA Pluvial 75 Depths
Flooding from Rivers or Sea without Defences

Other

Flood Water Storage Areas
Historic Flood Events
VMD Water Features
OS NGD Water Link
OS Terrain 5 DTM

Radon

Radon

Radon Potential

Climate change

Flood

JBA Undefended Fluvial
JBA Undefended Surface Water
JBA Undefended Coastal
JBA Climate Change - River Flood 2030
JBA Climate Change - River Flood 2050
JBA Climate Change - River Flood 2080
JBA Climate Change - Pluvial Flood 2030
JBA Climate Change - Pluvial Flood 2050
JBA Climate Change - Pluvial Flood 2080
JBA Climate Change - Coastal Flood 2030
JBA Climate Change - Coastal Flood 2050
JBA Climate Change - Coastal Flood 2080

Coastal erosion

BGS Coastal Erosion Susceptibility
Boundaries - Enhanced Coastline

Datasets searched

National Coastal Erosion Map (NCERM)

Ground stability
Potential for Shrinking or Swelling Clay Ground Stability Hazards
BBGS Geoclimate UKCP09 - Shrink Swell - 2030s
BBGS Geoclimate UKCP09 - Shrink Swell - 2050s
BBGS Geoclimate UKCP09 - Shrink Swell - 2080s

Heat stress
Heat Stress Events

Energy performance
Energy Performance of Buildings Certificates

Planning Applications

Planning Applications
Post 1997 Planning Applications

Ground stability

Natural hazards
Potential for Landslide Ground Stability Hazards
Potential for Ground Dissolution Stability Hazards
Potential for Compressible Ground Stability Hazards
Potential for Shrinking or Swelling Clay Ground Stability Hazards
Potential for Running Sand Ground Stability Hazards
Potential for Collapsible Ground Stability Hazards
Natural Cavities

Man-made hazards
BGS Recorded Landfill Sites
Potentially Contaminative Industrial Uses (Past Land Use)
Former Marshes
Potentially Infilled Land (Non-Water)
Potentially Infilled Land (Water)
Registered Landfill Sites
Licensed Waste Management Facilities (Landfill Boundaries)
Local Authority Recorded Landfill Sites
Historical Landfill Sites

Brine and Salt
CBSCB Compensation District
Brine Pumping Related Features
Salt Mining Related Features
Brine Subsidence Solution Area

Mining
BGS Recorded Mineral Sites
Potentially Contaminative Industrial Uses (Past Land Use)
Non-Coal Mining Areas of Great Britain
Mining Instability
Potentially Contaminative Land Uses from large scale historical mapping
Potential Mining Areas
Man-Made Mining Cavities

Coal mining

PinPoint Coal Screening

Energy & infrastructure

Renewable energy
Wind Farms
Wind Turbines
Renewable Energy Planning Database

Non-renewable energy
Licensed Areas for Onshore Energy Exploration and Production
Licensed Wells for Energy Exploration
Offered Blocks for Onshore Energy Exploration and Production
Southampton to London Pipeline Development

Above and Below Ground Railways
Crossrail - Stations
Crossrail - Track
Railed Transport - Tracks
Railed Transport - Stations and Stops

HS2 and Crossrail2
HS2 - Track
HS2 - Stations
HS2 - Safeguarding Limits
HS2 - Payment Zones
Crossrail 2 - Track
Crossrail 2 - Stations
Crossrail 2 - Safeguarding Limits

Miscellaneous
Local Authority Boundaries

Planning Constraints

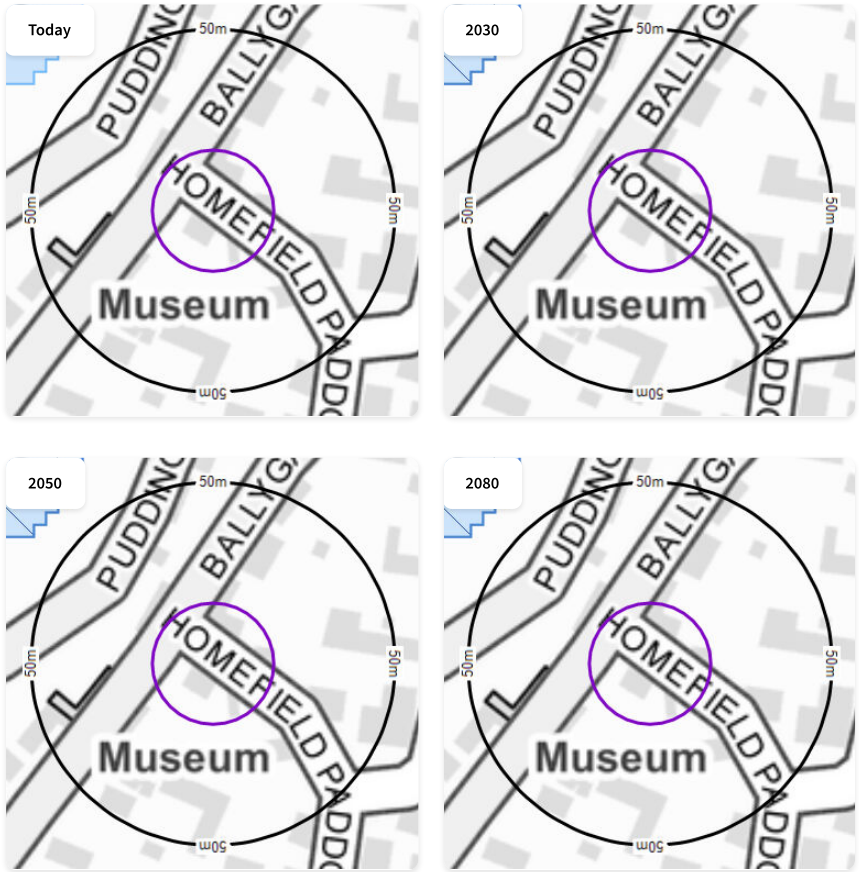
Planning Constraints
Pylon or Mast
Areas of Outstanding Natural Beauty
National Nature Reserves
Local Nature Reserves

Datasets searched

Marine Nature Reserves
Sites of Special Scientific Interest
Forest Parks
National Parks
Areas of Unadopted Green Belt
Ramsar Sites
Special Areas of Conservation
Special Protection Areas
Areas of Adopted Green Belt
Environmentally Sensitive Areas
Listed Buildings
World Heritage Sites
Scheduled Monuments
Ancient Woodland
Country Parks
Nature Improvement Areas

Climate change: River Flooding

Back to summary



Contains OS data © Crown copyright and database rights 2026

Today RCP 4.5

Today

Return period	Risk
1/75	Negligible
1/200	Negligible
1/1000	Negligible

2030

Return period	RCP 2.6	RCP 4.5	RCP 8.5
1/75	Negligible	Negligible	Negligible
1/200	Negligible	Negligible	Negligible
1/1000	Negligible	Negligible	Negligible

2050

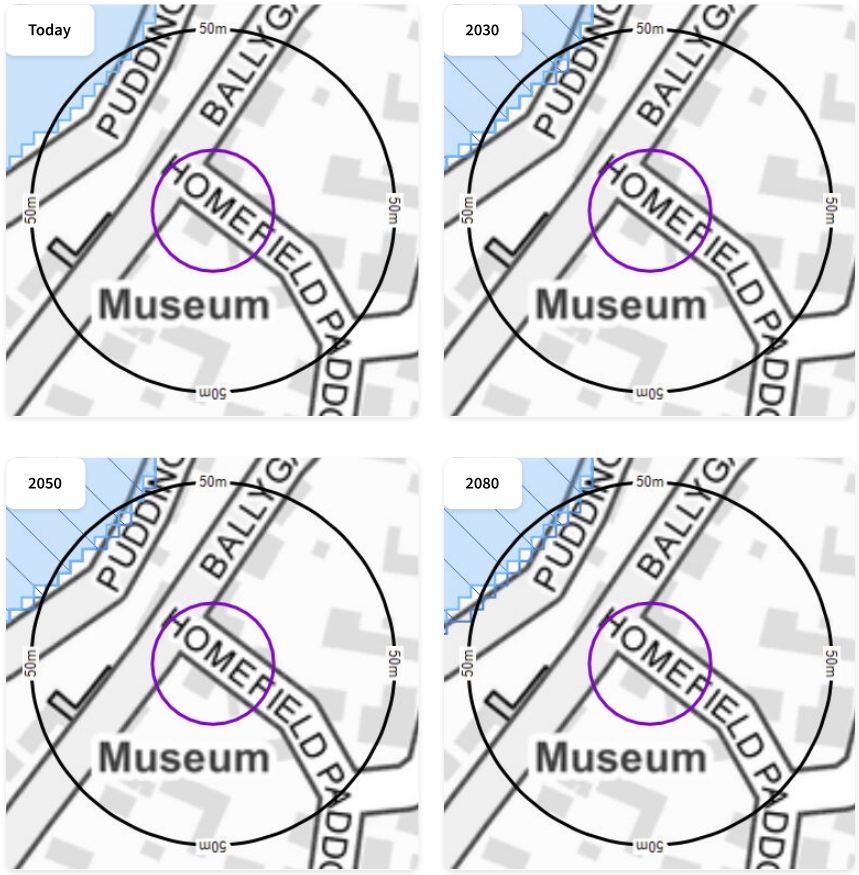
Return period	RCP 2.6	RCP 4.5	RCP 8.5
1/75	Negligible	Negligible	Negligible
1/200	Negligible	Negligible	Negligible
1/1000	Negligible	Negligible	Negligible

2080

Return period	RCP 2.6	RCP 4.5	RCP 8.5
1/75	Negligible	Negligible	Negligible
1/200	Negligible	Negligible	Negligible
1/1000	Negligible	Negligible	Negligible

Climate change: Coastal Flooding

Back to summary



Contains OS data © Crown copyright and database rights 2026

Today RCP 4.5

Today

Return period	Risk
1/75	Negligible
1/200	Negligible
1/1000	Negligible

2030

Return period	RCP 2.6	RCP 4.5	RCP 8.5
1/75	Negligible	Negligible	Negligible
1/200	Negligible	Negligible	Negligible
1/1000	Negligible	Negligible	Negligible

2050

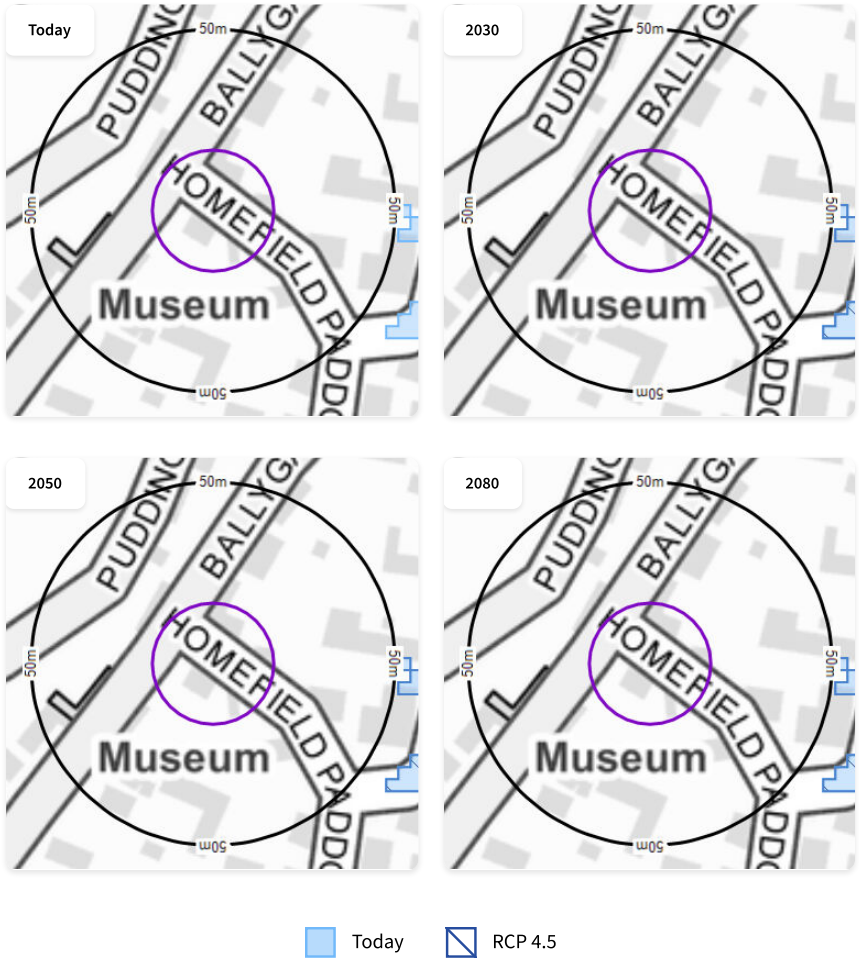
Return period	RCP 2.6	RCP 4.5	RCP 8.5
1/75	Negligible	Negligible	Negligible
1/200	Negligible	Negligible	Negligible
1/1000	Negligible	Negligible	Negligible

2080

Return period	RCP 2.6	RCP 4.5	RCP 8.5
1/75	Negligible	Negligible	Negligible
1/200	Negligible	Negligible	Negligible
1/1000	Negligible	Negligible	Negligible

Climate change: Surface Water Flooding

Back to summary



Today			
Return period	**Risk**		
1/75	Negligible		
1/200	Negligible		
1/1000	Negligible		

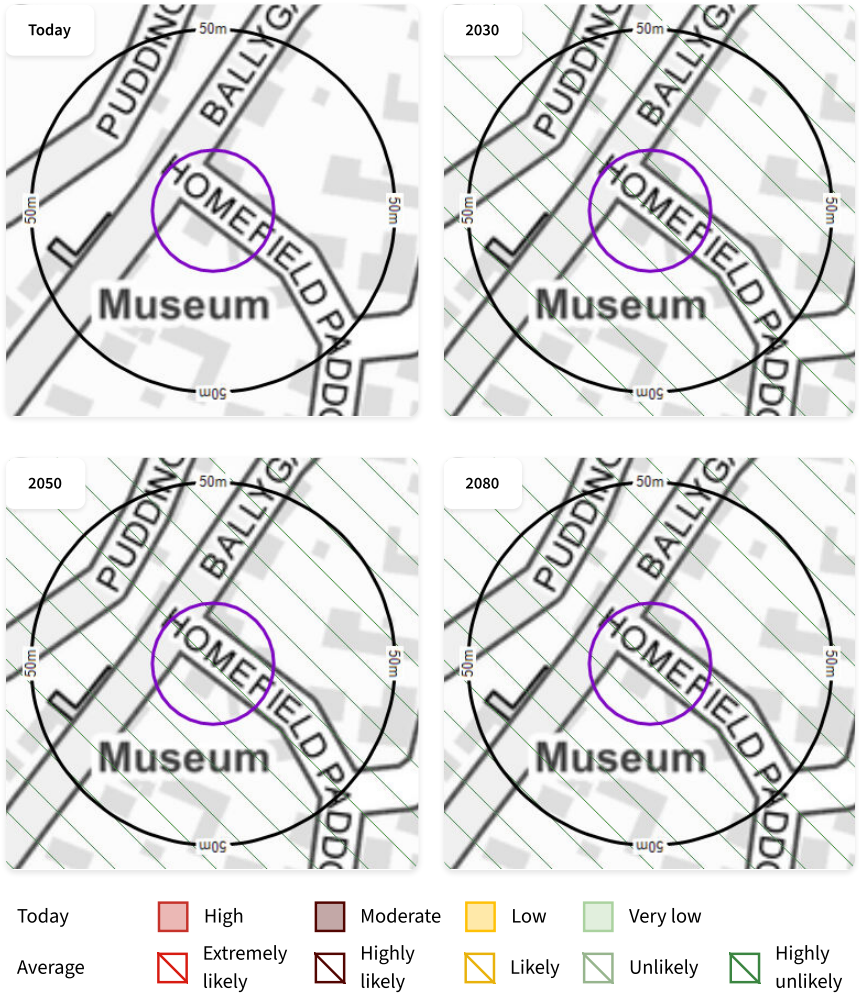
2030			
Return period	**RCP 2.6**	**RCP 4.5**	**RCP 8.5**
1/75	Negligible	Negligible	Negligible
1/200	Negligible	Negligible	Negligible
1/1000	Negligible	Negligible	Negligible

2050			
Return period	**RCP 2.6**	**RCP 4.5**	**RCP 8.5**
1/75	Negligible	Negligible	Negligible
1/200	Negligible	Negligible	Negligible
1/1000	Negligible	Negligible	Negligible

2080			
Return period	**RCP 2.6**	**RCP 4.5**	**RCP 8.5**
1/75	Negligible	Negligible	Negligible
1/200	Negligible	Negligible	Negligible
1/1000	Negligible	Negligible	Negligible

Climate change: Ground stability

Back to summary



Today
Negligible

2030		
Drier	**Average**	**Wetter**
Highly Unlikely	Highly Unlikely	Highly Unlikely

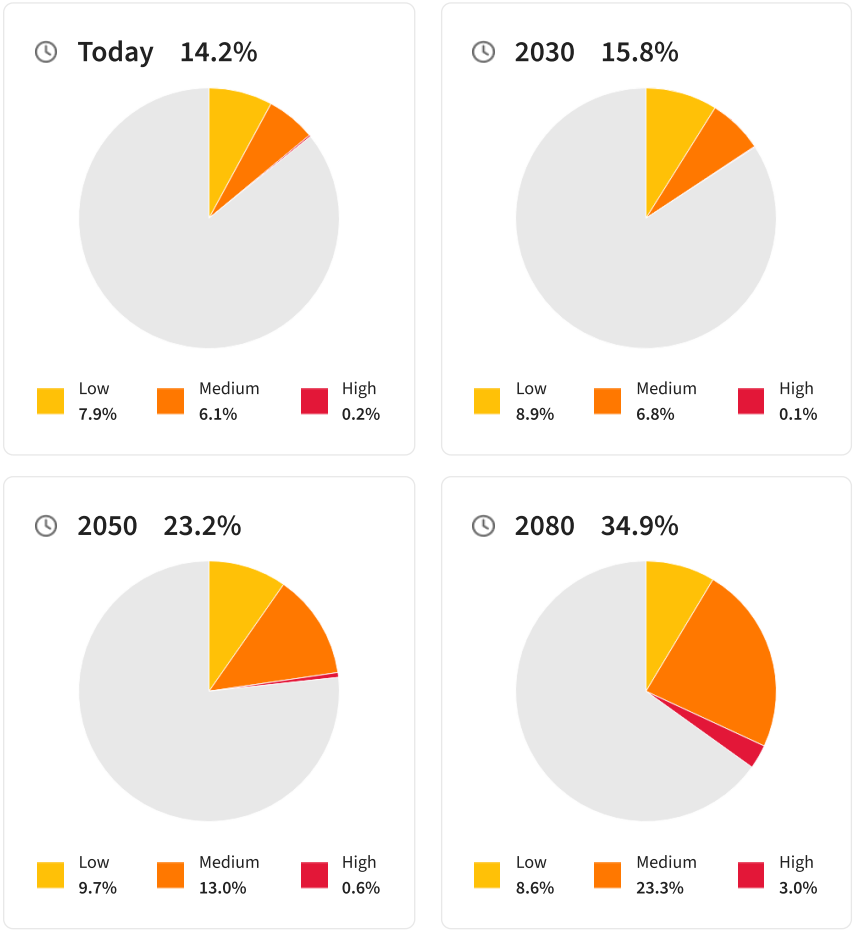
2050		
Drier	**Average**	**Wetter**
Highly Unlikely	Highly Unlikely	Highly Unlikely

2080		
Drier	**Average**	**Wetter**
Highly Unlikely	Highly Unlikely	Highly Unlikely

Climate change: Heat stress

Back to summary

Percentage of days spent in heatwave conditions



Thresholds for your location

Temperatures above 37 °C are classified as high severity, above 30 °C are medium severity. Temperatures below the medium threshold are low severity.

This data shows the percentage and number of days spent in heatwave conditions at low, medium or high severity, for today and 3 additional time periods.

Today	Total	Low	Medium	High
Percentage	14.2%	7.9%	6.1%	0.2%
Days in heatwave	52 days	29 days	22 days	1 day

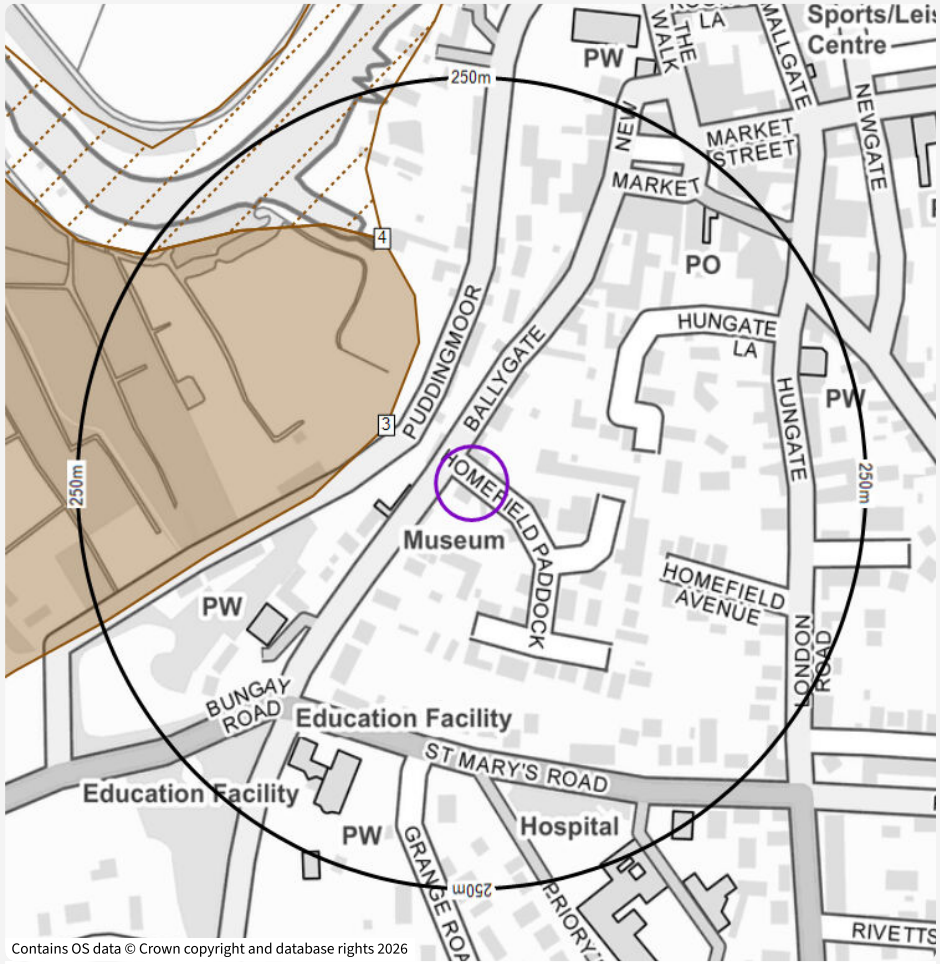
2030	Total	Low	Medium	High
Percentage	15.8%	8.9%	6.8%	0.1%
Days in heatwave	58 days	32 days	25 days	0 days

2050	Total	Low	Medium	High
Percentage	23.2%	9.7%	13.0%	0.6%
Days in heatwave	85 days	35 days	47 days	2 days

2080	Total	Low	Medium	High
Percentage	34.9%	8.6%	23.3%	3.0%
Days in heatwave	127 days	32 days	85 days	11 days

Ground stability: Natural factors

Back to summary

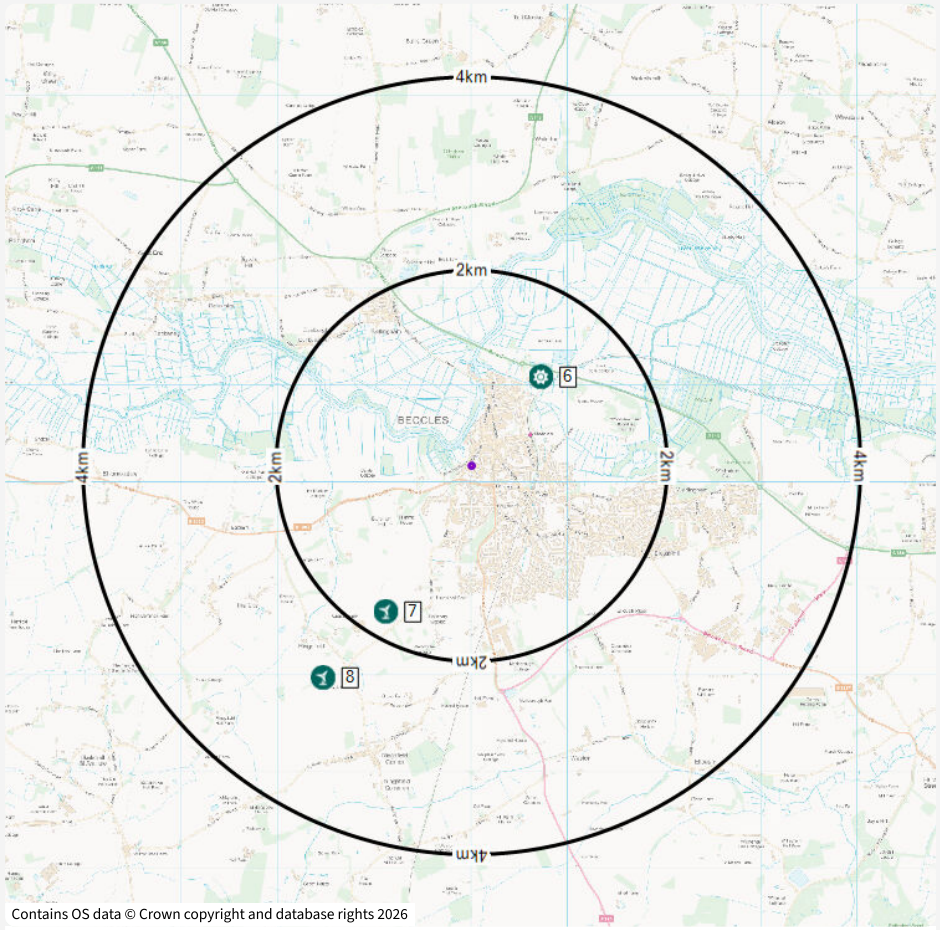


Natural factors

Id	Details	Distance	Contact
Potential for compressible ground stability hazards			
3	Classification: High Potential for Compressibility	46m NW	8
4	Classification: Moderate Potential for Compressibility	152m N	8

Energy & Infrastructure: Renewable Energy

Back to summary



Wind energy

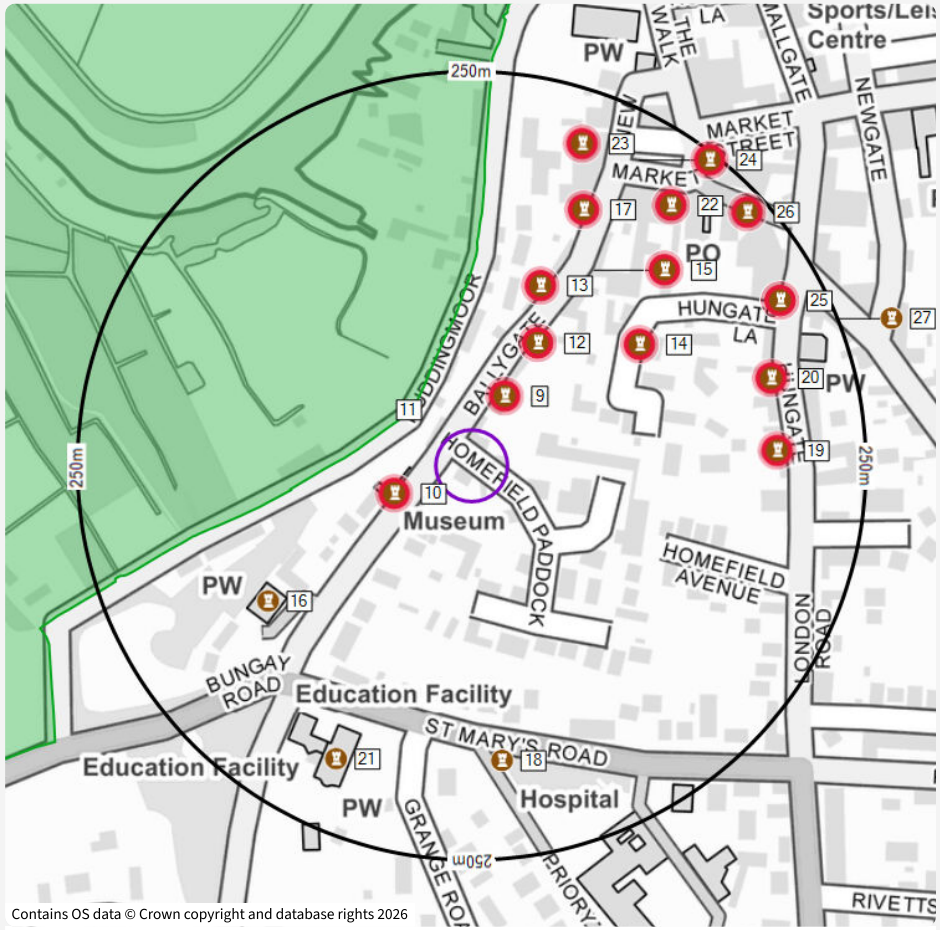
Id	Details	Status	Distance
Planning applications			
7	Name: Devonshire Farm Reference: DC/10/0909/FUL Onshore/Offshore: Wind Onshore Installed capacity (MWe): 9 Contractor: Unknown Address: Ringsfield, Beccles, Local Planning Authority: East Suffolk	Planning Permission Refused	1728m SW
8	Name: Granary farm Reference: DC/10/0910/FUL Onshore/Offshore: Wind Onshore Installed capacity (MWe): 9 Contractor: Brian Barker Address: Church Road, Ringsfield, Beccles, Local Planning Authority: East Suffolk	Planning Permission Refused	2655m SW

Solar energy

Id	Details	Status	Distance
Planning applications			
6	Name: Morrisons, George Westwood Way - Photovoltaic Array Reference: BA/2021/0459/PN Installed capacity (MWe): Contractor: WM Morrisons Supermarkets Plc Address: Morrisons George Westwood Way Beccles Local Planning Authority: East Suffolk	Planning Permission Granted	1143m NE

Planning constraints

Back to summary



Contains OS data © Crown copyright and database rights 2026

Multiple features present
Pylon or mast
Parks and woodland
Nature reserves
Green belt
Conservation and wildlife
Heritage sites, monuments and listed buildings

We have identified records of environmental designations at the property. We have not identified any records of pylons or masts within 250m of the property.

Parks and woodland

Id	Details	Distance	Contact
National park			
11	Site type: National Parks Name: The Broads Reference: Not Supplied Site Area: 301512785	34m NW	9

Heritage sites, monuments and listed buildings

Id	Details	Distance	Contact
Listed building			
9	Site type: Listed Buildings Name: The Rectory Reference: 1186891 Location: Not Supplied Location Accuracy: Positioned by the supplier	29m NE	2
10	Site type: Listed Buildings Name: Leman House Reference: 1205376 Location: Not Supplied Location Accuracy: Positioned by the supplier	33m W	2
10	Site type: Listed Buildings Name: 39, Ballygate Reference: 1186892 Location: Not Supplied Location Accuracy: Positioned by the supplier	38m SW	2

Planning constraints

Back to summary

Heritage sites, monuments and listed buildings

Id	Details	Distance	Contact
Listed building			
9	Site type: Listed Buildings Name: Ballygate House Reference: 1298976 Location: Not Supplied Location Accuracy: Positioned by the supplier	56m NE	2
12	Site type: Listed Buildings Name: Waveney View Reference: 1186890 Location: Not Supplied Location Accuracy: Positioned by the supplier	73m NE	2
12	Site type: Listed Buildings Name: Cameron House Reference: 1298975 Location: Not Supplied Location Accuracy: Positioned by the supplier	85m NE	2
12	Site type: Listed Buildings Name: 19 And 21, Ballygate Reference: 1186889 Location: Not Supplied Location Accuracy: Positioned by the supplier	102m NE	2
12	Site type: Listed Buildings Name: 11-17, Ballygate Reference: 1186888 Location: Not Supplied Location Accuracy: Positioned by the supplier	105m NE	2

Heritage sites, monuments and listed buildings

Id	Details	Distance	Contact
Listed building			
13	Site type: Listed Buildings Name: 20, Ballygate Reference: 1186895 Location: Not Supplied Location Accuracy: Positioned by the supplier	110m N	2
13	Site type: Listed Buildings Name: 18, Ballygate Reference: 1280744 Location: Not Supplied Location Accuracy: Positioned by the supplier	117m NE	2
14	Site type: Listed Buildings Name: Serpentine Wall Reference: 1186913 Location: Not Supplied Location Accuracy: Positioned by the supplier	120m NE	2
14	Site type: Listed Buildings Name: Hungate House Reference: 1280605 Location: Not Supplied Location Accuracy: Positioned by the supplier	128m NE	2
15	Site type: Listed Buildings Name: Crown And Anchor Public House Reference: 1298974 Location: Not Supplied Location Accuracy: Positioned by the supplier	136m NE	2

Planning constraints

Back to summary

Heritage sites, monuments and listed buildings

Id	Details	Distance	Contact
Listed building			
16	Site type: Listed Buildings Name: St Marys House (Now Flats) And Former Stables To North East Of St Marys House Reference: 1186896 Location: Not Supplied Location Accuracy: Positioned by the supplier	146m SW	2
15	Site type: Listed Buildings Name: 10, 12 And 14, Ballygate Reference: 1186894 Location: Not Supplied Location Accuracy: Positioned by the supplier	155m NE	2
15	Site type: Listed Buildings Name: Angel House Reference: 1186887 Location: Not Supplied Location Accuracy: Positioned by the supplier	155m NE	2
15	Site type: Listed Buildings Name: 3, Ballygate Reference: 1298973 Location: Not Supplied Location Accuracy: Positioned by the supplier	159m NE	2
17	Site type: Listed Buildings Name: 6 And 8, Ballygate Reference: 1186893 Location: Not Supplied Location Accuracy: Positioned by the supplier	170m NE	2

Heritage sites, monuments and listed buildings

Id	Details	Distance	Contact
Listed building			
17	Site type: Listed Buildings Name: 4, Ballygate Reference: 1280768 Location: Not Supplied Location Accuracy: Positioned by the supplier	174m NE	2
18	Site type: Listed Buildings Name: Beccles War Memorial Reference: 1461532 Location: Not Supplied Location Accuracy: Positioned by the supplier	183m S	2
17	Site type: Listed Buildings Name: 2, Ballygate Reference: 1298977 Location: Not Supplied Location Accuracy: Positioned by the supplier	188m NE	2
19	Site type: Listed Buildings Name: 22, Hungate Reference: 1298987 Location: Not Supplied Location Accuracy: Positioned by the supplier	189m E	2
19	Site type: Listed Buildings Name: 16 And 18, Hungate Reference: 1186911 Location: Not Supplied Location Accuracy: Positioned by the supplier	192m E	2

Planning constraints

Back to summary

Heritage sites, monuments and listed buildings

Id	Details	Distance	Contact
Listed building			
19	Site type: Listed Buildings Name: 20 And 20a, Hungate Reference: 1205584 Location: Not Supplied Location Accuracy: Positioned by the supplier	192m E	2
19	Site type: Listed Buildings Name: St Denys Reference: 1186912 Location: Not Supplied Location Accuracy: Positioned by the supplier	192m E	2
20	Site type: Listed Buildings Name: 14, Hungate Reference: 1298986 Location: Not Supplied Location Accuracy: Positioned by the supplier	193m E	2
19	Site type: Listed Buildings Name: 2, London Road Reference: 1186914 Location: Not Supplied Location Accuracy: Positioned by the supplier	193m E	2
17	Site type: Listed Buildings Name: 23, Newmarket Reference: 1186918 Location: Not Supplied Location Accuracy: Positioned by the supplier	195m NE	2

Heritage sites, monuments and listed buildings

Id	Details	Distance	Contact
Listed building			
17	Site type: Listed Buildings Name: 25, Newmarket Reference: 1186920 Location: Not Supplied Location Accuracy: Positioned by the supplier	196m NE	2
20	Site type: Listed Buildings Name: 10, Hungate Reference: 1280644 Location: Not Supplied Location Accuracy: Positioned by the supplier	201m E	2
21	Site type: Listed Buildings Name: Minster Church Of St Benet, Beccles Reference: 1478482 Location: Not Supplied Location Accuracy: Positioned by the supplier	201m SW	2
22	Site type: Listed Buildings Name: 15, Newmarket Reference: 1205681 Location: Not Supplied Location Accuracy: Positioned by the supplier	204m NE	2
20	Site type: Listed Buildings Name: 8, Hungate Reference: 1186910 Location: Not Supplied Location Accuracy: Positioned by the supplier	204m NE	2

Planning constraints

Back to summary

Heritage sites, monuments and listed buildings

Id	Details	Distance	Contact
Listed building			
20	Site type: Listed Buildings Name: 6, Hungate Reference: 1205558 Location: Not Supplied Location Accuracy: Positioned by the supplier	208m NE	2
23	Site type: Listed Buildings Name: White Horse Reference: 1205690 Location: Not Supplied Location Accuracy: Positioned by the supplier	213m N	2
24	Site type: Listed Buildings Name: 30, Newmarket Reference: 1186928 Location: Not Supplied Location Accuracy: Positioned by the supplier	219m NE	2
22	Site type: Listed Buildings Name: 28a, Newmarket Reference: 1298954 Location: Not Supplied Location Accuracy: Positioned by the supplier	220m NE	2
25	Site type: Listed Buildings Name: 4, Hungate Reference: 1298985 Location: Not Supplied Location Accuracy: Positioned by the supplier	220m NE	2

Heritage sites, monuments and listed buildings

Id	Details	Distance	Contact
Listed building			
22	Site type: Listed Buildings Name: 26 And 28, Newmarket Reference: 1186927 Location: Not Supplied Location Accuracy: Positioned by the supplier	222m NE	2
24	Site type: Listed Buildings Name: 32, Newmarket Reference: 1186929 Location: Not Supplied Location Accuracy: Positioned by the supplier	224m NE	2
25	Site type: Listed Buildings Name: 2, Hungate Reference: 1186909 Location: Not Supplied Location Accuracy: Positioned by the supplier	225m NE	2
22	Site type: Listed Buildings Name: 24, Newmarket Reference: 1298953 Location: Not Supplied Location Accuracy: Positioned by the supplier	226m NE	2
22	Site type: Listed Buildings Name: 7, Newmarket Reference: 1186917 Location: Not Supplied Location Accuracy: Positioned by the supplier	226m NE	2

Planning constraints

Back to summary

Heritage sites, monuments and listed buildings

Id	Details	Distance	Contact
Listed building			
20	Site type: Listed Buildings Name: Congregational Church Reference: 1205600 Location: Not Supplied Location Accuracy: Positioned by the supplier	226m E	2
23	Site type: Listed Buildings Name: 33, Newmarket Reference: 1298949 Location: Not Supplied Location Accuracy: Positioned by the supplier	229m N	2
22	Site type: Listed Buildings Name: 20, Newmarket Reference: 1186926 Location: Not Supplied Location Accuracy: Positioned by the supplier	233m NE	2
25	Site type: Listed Buildings Name: Number 2 (The Corner Shop) Including Premises Occupied By Dr R Grey (Optician) And Premises Occupied By Kays Restaurant Reference: 1186902 Location: Not Supplied Location Accuracy: Positioned by the supplier	235m NE	2
25	Site type: Listed Buildings Name: Premises Occupied By Pryce (Adjoining To South Of Lloyds Bank) Reference: 1186908 Location: Not Supplied Location Accuracy: Positioned by the supplier	236m NE	2

Heritage sites, monuments and listed buildings

Id	Details	Distance	Contact
Listed building			
26	Site type: Listed Buildings Name: Midland Bank Reference: 1186916 Location: Not Supplied Location Accuracy: Positioned by the supplier	237m NE	2
24	Site type: Listed Buildings Name: 18, Newmarket Reference: 1298952 Location: Not Supplied Location Accuracy: Positioned by the supplier	238m NE	2
26	Site type: Listed Buildings Name: Premises Occupied By Lloyds Bank Reference: 1298984 Location: Not Supplied Location Accuracy: Positioned by the supplier	239m NE	2
26	Site type: Listed Buildings Name: National Provincial Bank Reference: 1205674 Location: Not Supplied Location Accuracy: Positioned by the supplier	240m NE	2
26	Site type: Listed Buildings Name: Premises Occupied By Gordon Daliston (Adjoining To North Of Lloyds Bank Reference: 1186907 Location: Not Supplied Location Accuracy: Positioned by the supplier	240m NE	2

Planning constraints

Back to summary

Heritage sites, monuments and listed buildings

Id	Details	Distance	Contact
Listed building			
23	Site type: Listed Buildings Name: 37, Newmarket Reference: 1280591 Location: Not Supplied Location Accuracy: Positioned by the supplier	248m N	2
24	Site type: Listed Buildings Name: Swan House Reference: 1298955 Location: Not Supplied Location Accuracy: Positioned by the supplier	249m NE	2
24	Site type: Listed Buildings Name: 14, Newmarket Reference: 1186925 Location: Not Supplied Location Accuracy: Positioned by the supplier	250m NE	2
27	Site type: Listed Buildings Name: 4, 4a And 6, Blyburgate Reference: 1298980 Location: Not Supplied Location Accuracy: Positioned by the supplier	250m E	2

Appendices

Report limitations	38
Useful information	39
Useful contacts	48
Important consumer protection information	50
Terms and conditions and copyright statement	51



Report limitations

This report has been prepared on the understanding that it is to be used for an individual residential property transaction and should not be used or relied upon in a commercial property transaction, or if development is planned at the property. The report is a desktop review of information provided by the client and from selected private and public databases. It does not include a site investigation, nor are specific information requests made of the regulatory authorities for any relevant information. Therefore, Landmark cannot guarantee that all issues of concern will be identified by this report, or that the data and information supplied to it by third parties is accurate and complete. We do not accept responsibility for inaccurate data provided by external data providers

The methodology for the contaminated land risk assessment and the conclusions drawn therefrom are the responsibility of Landmark Information Group Ltd.

The flood risk section includes an assessment of surface water flooding which examines the risk of the general drainage network overflowing during periods of extreme rainfall. This report does not make a detailed site-specific assessment of the suitability of the existing drainage on the property. If this is required, then a site survey should be considered. The assessment of pluvial flooding does not take into account particular local or temporary factors that may cause surface water flooding such as the blockage or failure of structures on or within watercourses, drains, foul sewers, water mains, canals and other water infrastructure; and any history of drains flooding at the property or in the locality. Surface water flooding can occur before surface water reaches the general drainage network, for example on hills and inclines. Environment Agency flood data does not include flood risk from very small catchments, as models of such small-scale catchments are not considered to be reliable for UK-wide flood risk assessments. The potential impact of climate change on flood risk to the property would require further study. When answering any questions within this report, current applicable legislation is taken into account. The data used in this report may have inherent limitations and qualifications.

The Energy & Infrastructure section has been designed to satisfy standard due-diligence enquiries for residential and commercial sites. It is a ‘remote’ investigation and reviews databases of publicly available information that have been chosen to enable a desk-based analysis of key infrastructure projects. The report does not include data on all UK energy and Infrastructure projects, nor does Landmark make specific information requests of the regulatory authorities for any relevant information they may hold. Therefore, Landmark cannot guarantee that all land uses or factors of concern will have been identified by the report.

Landmark is unable to comment directly with regards to the potential effect these key energy or infrastructure projects will have on the value of nearby properties. We would recommend contacting an appropriate surveyor who can provide a valuation.

While every effort is made to ensure accuracy, Landmark cannot guarantee the accuracy or completeness of such information or data. We do not accept responsibility for inaccurate data provided by external data providers.

Useful information

Contaminated land

Landfill and Waste

At present no complete national data set exists for landfill site boundaries, therefore, a point grid reference, provided by the data supplier, is used for some landfill sites. In certain cases the point grid references supplied provide only an approximate position, and can vary from the site entrance to the centre of the site. Where the exact position of the site is unclear for Registered Landfill data, Landmark construct either a 100 metre or 250 metre 'buffer' around the point to warn of the possible presence of landfill. The size of this 'buffer' relates to the positional accuracy that can be attributed to the site. The 'buffer' is shown on the map as a red hatched area. For further information regarding landfill sites identified in the report, please contact the relevant agency or authority referenced in the Useful Contacts section.

The British Geological Survey (BGS) hold records of over 3,000 landfill sites that accepted waste prior to the Control of Pollution Act (COPA) 1974. These were not subject to any strict regulation or monitoring.

Permitted Waste Sites and Environmental Permitting Regulations - Waste cover current or recently current consents issued for landfill sites, waste transfer, treatment or disposal sites by the relevant agency, under Section 64 of the Environmental Protection Act 1990 (Part 2) and prescribed by regulation 10 of SI No. 1056 of the Waste Management Licensing Regulations 1994.

Authorised Industrial Processes

Identified discharge consents could be for storm water discharges, soakaways or septic tanks. If a radioactive substance licence has been identified the consent band will be given under enquiries and replies. Consents fall into one of four bands: Band 1 and 2 Nuclear licenced sites authorised by the Nuclear Installations Inspectorate e.g. nuclear power stations Band 3 Site registered/authorised to accumulate and dispose of radioactive materials, only non-nuclear operations are carried out on site e.g. hospitals Band 4 Sites registered to keep and use radioactive material e.g. laboratories, universities, commercial premises using appliances such as monitoring equipment, alarm systems, tritium lighting etc.

Data supplied for Explosive Sites, Control of Major Accident Hazards Sites (COMAH) and Notification of Installations Handling Hazardous Substances (NIHHS) contains public sector information published by the Health and Safety Executive and licenced under the Open Government Licence.

Historical Land Uses

This data relates to categories of potentially contaminative land uses that have been identified by the analysis of selected Ordnance Survey historical mapping. The published date (range of dates) of the map (s) and the distance from the centre of search to the nearest point of the feature is given.

Further details of the extent of the site or its activities are not available. Should you wish to examine the Ordnance Survey maps these are normally available for public inspection at the local archive or local major library.

Potentially infilled land has been identified when a 'cavity' (a hole made by an extractive industry or natural occurrence e.g. pond) was indicated on a historic map but there was no evidence of its existence in the last available map for the area. No details of what may have been used to fill the cavity or exactly when or if it was filled are available from the mapping.

The point locations of historical tanks and energy facilities are identified from the text on Ordnance Survey 1:1250 and 1:2500 scale mapping published between 1943 and 1996, based upon a predetermined list of abbreviations, e.g. El Sub (Electricity Sub-station) and F Stn (Filling Station). The position of the point has been located at the centre of the identified text so that it would be within approximately 30 meters of the feature it was describing. The features themselves are related to energy and petroleum storage and cover the following: tanks, petrol storage, potential tanks (at depots etc.), electricity sub stations and related features, gas and gas monitoring related features, oil related features and miscellaneous power features. NB: It should be noted that the Ordnance Survey abbreviation for tank (tk) is the same as that for tracks. Therefore some of the captured text may relate to tracks and not tanks when the exact nature of the feature is not clear from the mapping.

Flood

Flood

The Envirosearch Residential report includes a desktop flood risk screening report, designed to satisfy the concerns raised by the Law Society Practice Note and to enable home buyers and property professionals to assess the risk of flooding at residential sites.

It examines two key areas:

(1) the overall risk of flooding at a property taking into account any flood defences present (where information about defences is available). It should be noted that a residual risk of flooding may remain if such defences were to fail owing to extreme weather conditions, over-topping or poor maintenance. In addition, it should be noted that flood defences do not generally offer protection against groundwater or surface water flooding.

(2) how flood risk affects the availability of insurance for a property. Where no flood defences are present or where no information about defences is available, the overall risk rating provides a worst case scenario which may be alleviated by smaller scale local flood defences or recently constructed flood defences not currently registered by the relevant agency.

Where several flood risks have been identified, the report highlights the highest risk and details the information Landmark consider should be drawn to your attention as part of the conveyancing transaction.

Useful information

However, other flood risks may be present.

The Landmark Flood report is a general-purpose indicative screening tool and is intended to provide a useful initial analysis for a residential conveyancing transaction. It does not provide an alternative to a property specific assessment, such as the Flood Solutions Consult Report, which should be used when this report suggests 'Further Action'.

The Individual Flood Risks

The individual flood risk gauges on the front page highlight the individual river, coastal, surface water, ground water, historic flood event and water features flooding risk at the property, taking into consideration any information on flood defences where available. These risks are used to determine the overall flood risk to the property. The individual flood risks are demonstrated in the gauges as follows:

High **Moderate To High**	Landmark consider the individual flood risk to be significant. This is because there is a potential flood risk that would be likely to occur fairly frequently, or the predicted depth of any flood event would result in significant impact and/or there is information to suggest a flood has happened in the past. It is recommended that you refer to the Overall Flood Risk and take note of the Professional Opinion and Recommendations as further action will be required.
Moderate	Landmark consider the individual flood risk to be moderate. This is either because of a potential flood that is likely to occur with moderate frequency, or because the predicted depth of potential flooding at the property is likely to be shallow and insufficient to cause a significant issue. It is recommended that you check the Overall Flood Risk result and refer to the Professional Opinion and Recommendations for guidance and next steps.
Low To Moderate	This describes areas that Landmark consider are at low to moderate risk flooding. These are areas where we have found some indication of potential flood risk, however any resulting flooding would be expected to be infrequent or have a low predicted depth. It is recommended that you check the Overall Flood Risk to the property as this may differ from the individual flood risks.
Low	This describes areas that Landmark consider are at low risk of flooding. These are areas where there may be some indications of potential flood risk, however any flooding would be expected to be very infrequent or have a very low predicted depth. It is recommended that you check the Overall Flood Risk to the property as this may differ from the individual flood risks.

Flooding can usually be managed by the installation of flood protection measures, either on or within the building or across the property. Flood protection measures can be divided into two categories; flood resistance and flood resilience.

Flood resistance measures: physical barriers designed to keep water out of your house, such as flood doors, air brick covers and non-return valves. Temporary flood resistance products are those that need deploying (fitting or activating) prior to flooding arriving, whereas permanent flood resistance products do not need activating.

Flood Resilience measures: these reduce flood damage in situations where water is allowed to enter, such as raising electrical sockets, the use of resilient plaster.

The flood source, likely depths and property design and age will inform the best choice of permanent resistance, temporary resistance or resilience. Other factors will play a part in the decision making process, such as cost, visual impact, ease of deployment and product performance. The best answer for your home will most likely involve a combination of products.

This report is not a Flood Risk Assessment, and should you be developing the property a more in depth report may be required by the Planning authority.

Flood protection measures

Flooding can usually be managed by the installation of flood protection measures, either on or within the building or across the property. Flood protection measures can be divided into two categories; flood resistance and flood resilience.

Flood resistance measures: physical barriers designed to keep water out of your house, such as flood doors, air brick covers and non-return valves. Temporary flood resistance products are those that need deploying (fitting or activating) prior to flooding arriving, whereas permanent flood resistance products do not need activating.

Flood Resilience measures: these reduce flood damage in situations where water is allowed to enter, such as raising electrical sockets, the use of resilient plaster.

The flood source, likely depths and property design and age will inform the best choice of permanent resistance, temporary resistance or resilience. Other factors will play a part in the decision making process, such as cost, visual impact, ease of deployment and product performance. The best answer for your home will most likely involve a combination of products.

Please refer to the Know Your Flood Risk website for further information and suppliers of protection and resilience measures: www.knowyourfloodrisk.co.uk/flood-advice-guidance

Preparation for a flood event

Useful information

Flood Action Plan

Preparing a Flood Action Plan will help ensure the safety of everyone, minimise the disruption that you may suffer and reduce damage to important items. The flood plan should comprise of a simple check list for you to follow should a flood event be expected. You can create your own personal Flood Action Plan by visiting the Environment Agency website at www.gov.uk/prepare-for-flooding/future-flooding. Alternatively, visit your Local Authority's website.

A Flood Action Plan should include:

- Contact numbers for utility providers (gas, electricity, water), insurance providers, local authority, and other important contacts (family, friends, etc.)
- A list of important items that you can move upstairs or to a safe place before an event (pets, cars, electrical equipment, heirlooms, furniture)
- Where the utility shut-off points are and how to operate them
- What Property Level Protection measures to install and where
- Where the emergency flood kit is and what it should comprise of
- Practical advice on appropriate actions to take during a flood (store as much drinkable water as possible, block sinks and toilets, tune into your local radio station for updates)
- Practical advice on appropriate actions to take after a flood has occurred (take photos and videos of damage, contact insurance providers, contact utilities to check that central heating, water, and electrics are working properly)

Flood Action Groups

As well as protecting your property and preparing yourself for a flood, as a local community you can set up a flood action group. Flood action groups across England and Wales are proving to be very successful ways in raising awareness and engaging communities in responding to flood risk. This is done through engagement, increasing resource, applying for grant schemes and working in partnership with relevant Agencies and Authorities. The advice, support and assistance provided by Agencies and Authorities can be helped by local knowledge to better help reduce or mitigate flood risk. For guidance on how to create a flood action group in your community please visit the National Flood Forum's website at www.nationalfloodforum.org.uk/flood-risk-community-groups/how-to-form-a-flood-action-group.

Flood Re

At the start of April 2016 the flood insurance market changed. Flood RE opened for business, allowing many flood risk prone residential properties access to affordable flood insurance. All other properties (including most leasehold homes and all commercial property) are exposed to a fully risk-based flood insurance market, perhaps for the first time.

It is therefore important to understand in advance of exchanging contracts whether that property has a flood risk, which is likely to make insurance more expensive, or even impossible to obtain.

Such insurance implications may make getting a mortgage more difficult, which may jeopardise the proposed transaction. Alternatively, the cost implications of dealing with the potential flooding may lead to the property price being discounted.

So what is Flood RE?

Flood RE is a scheme developed by the insurance industry with the approval of Government. It is an independent organisation and is neither run by nor funded by Government (though it does report to Parliament on the way the scheme is working). The Flood RE scheme is designed to ensure that affordable flood cover remains available to most residential homes for a 25 year period and to soften the transition to fully risk-reflective pricing.

Flood RE also hopes to encourage competition between insurers to offer better terms for flood insurance. Insurers who write flood risk business in the UK must be members of Flood RE. They can then choose whether or not to cede to Flood RE the flood part of home insurance policies (buildings or contents) bought by their customers. Each insurer is free to set the benchmarks at which it will offer flood insurance itself, or cede the business to Flood RE, or perhaps refuse to offer flood cover at all. So there will be variations in the level of flood risk to the property which will result in Flood RE's involvement. Flood RE offers the insurer who cedes the business both capped premiums (set by reference to the property Council Tax band) and capped excess for the cover. Both will rise over the lifetime of the scheme, with the capped premiums rising in line with CPI. Flood RE will deal only with the insurer, not with the insured. See www. floodre.co.uk

Radon

Due to the nature of way the information is gathered, your property/site may have more than one probability of radon attributed to it. We report the worst case scenario on the property/site you have provided. This information is an estimate of the probability that a property /site in Great Britain is at or above the 'Action Level' for radon (the level at which Public Health England recommends that radon levels should be reduced, those with an average of 200 Bq m-3 or more). This information satisfies CON29 Standard Enquiry of Local Authority; 3.13 Radon Gas: Location of the Property in a Radon Affected Area and can also be used to advise house buyers and sellers in Scotland. Where the property/site is a new build, this information provides information on the level of protection required for new buildings under BR211 (Scivyer, 2007) Radon: Guidance on protective measures for new buildings and BR376 (BRE, 1999) Radon: Guidance on protective measures for new dwellings in Scotland.

Useful information

Public Health England advises that radon gas should be measured in all properties within radon Affected Areas and that homes with radon levels above the Action Level (200 Bq m-3) should be remediated, and when achievable to below the Target Level of 100 Bq m-3. Householders with levels between the Target Level and Action Level should seriously consider reducing their radon level, especially if they are at greater risk, such as if they are current or ex smokers. Whether or not a home is in fact above or below the Action Level or Target Level can only be established by having the building tested. Public Health England provides a radon testing service which can be accessed at www.ukradon.org.

Indoor radon levels can usually be substantially reduced at a low cost comparable to many home improvements, such as replacing carpets. Details of methods of reducing radon levels are given on the Building Research Establishment Website. http://www.bre.co.uk/radon.

Climate change

What are the risks

Physical risks: result from climatic events. You may face more frequent severe weather events such as flooding, drought and storms. Gradual onset of these environmental changes as a result of climate change could have an adverse impact.

Transition risks: result from changes in behaviour including government policy as the UK transitions to a low-carbon economy.

What are climate risks?

The Impacts from climate change could affect UK companies in many ways. Both the UK Government and the Bank of England have advocated climate related disclosures, which was set out by the Task Force for Climate Related Financial Disclosures in their 2017 recommendations.

UKCP18

UK Climate Projections 2018 (UKCP18) is the Met Office's climate projection tool for the UK, which is the update from UKCP09. The data provides probabilistic scenarios for how the climate of the UK may change over the 21st Century. The Met Office states that the tools have been designed to help decision-makers assess their exposure to the climate.

Source: https://www.metoffice.gov.uk/research/approach/collaboration/ukcp/about/what-is-ukcp

Representative Concentration Pathways (RCPs)

Representative Concentration Pathways (RCPs)	Change in Temperature (C) by 2081-2100	Description
RCP2.6	1.6 (0.9-2.3)	Emissions strongly reduced
RCP4.5	2.4 (1.7-3.2)	Mitigation implemented but Paris Agreement missed (IPCC moderate scenario)
RCP6.0	2.8 (2.0-3.7)	2nd medium emission stabilisation pathway
RCP8.5	4.3 (3.2-5.4)	Emissions continue to grow unmitigated

Stress Testing

As the future climate scenario is unknown and may change in future, in some instances alongside the assessment we have also provided other scenarios in the Data Appendix to assist with other decision making.

The Paris Agreement

Goal 13 of the UN Sustainable Development Goals calls for urgent action to combat climate change. The Paris Agreement on climate change officially entered into force on 4th November 2016. As of 2020, 195 signatories and 189 countries have joined the Paris Agreement.

The agreement pledges that signatories will take steps to limit temperature rise to well below 2°C by 2050. Both the EU and the UK have pledged climate action and have now written into law that they will have net-zero greenhouse gas emissions by 2050.

Task Force for Climate Related Financial Disclosure (TCFD) Recommendations

Understanding future climate risk requires consideration as part of the 'Task Force for Climate Related Financial Disclosures' (TCFD Recommendations). Within the recommendations, risk management is an integral step where organizations are expected to identify, assess and manage climate related risks.

These recommendations are fast becoming the linchpin of best practice, at an industry and national policy level. The Better Building Partnership (BBP) is a collaboration of the UK's leading commercial property owners. Its members have signed a ground-breaking commitment to deliver net zero carbon real estate

Useful information

portfolios by 2050. Member organisations are also committing to developing climate change resilient strategies in line with the TCFD Recommendations.

https://www.betterbuildingspartnership.co.uk/property-owners-make-groundbreaking-climate-change-commitment

Transition risks for built environment

The Government are committed to net zero emissions by 2050. In order to achieve this target, the Government are looking at ways the UK can reduce its emissions in all sectors. One of these has been a focus on buildings. The UK has nearly 30 million buildings (27 million of which are residential) and include some of the oldest building stock in Europe. Heating and powering buildings currently accounts for 40% of the UK's total energy usage. Therefore, there is a need to improve the energy efficiency of our homes and buildings

The Future Homes and Buildings Standard is not due to be implemented until 2025, however through consultations, Parts L (conservation of fuel and power) and F (ventilation) of the Buildings Regulations for new dwellings were changed in 2021. From 2025, new homes built after this time, will produce 75%-80% less carbon emissions than homes delivered under the old regulations.

Existing homes and some home improvements will also be subject to higher standards, but these will only come when the occupants wants to make thermal upgrades or if building an extension. These are already being asked for. Part L for example requires changes in ventilation. For existing domestic buildings, background ventilations should be fitted to all replacement windows.

There will also be a phase out of gas boilers. The sale of new gas boilers will be prohibited from 2025 and they will be replaced by heat pumps and – depending how the technology develops- hydrogen boilers.

Planning: Applications

What is a planning application?

A planning application is a request for approval from your local authority for you to carry out some form of development or change to property or land. You apply to your local authority to obtain this permission, known as Planning Permission.

Is Planning Permission needed?

Most changes will require planning permission from your local authority, but some forms of development may fall within 'permitted development rights' and not require planning permission. The types of development allowed under these rights can depend on your local authority and additional factors such as whether the property is in a conservation area or national park. Common types of permitted development are small alterations and minor extensions to residential dwellings. Information about the types of development allowed under your permitted development rights is available from the Planning Portal (details below) or from your local planning authority (see the Contacts page).

If you are considering any development, it is advisable to contact your local planning authority to check if planning permission is required for the intended works. Your local planning authority may also have a useful duty planner service or provide pre-application advice, although there could be a charge for this.

Applying for Permission

If planning permission is required, an application is made to the local planning authority. The type of application and supporting information required will depend on the scale of works proposed.

Once an application has been made the local authority may notify relevant parties, such as immediate neighbours, and the application may be advertised locally for a consultation period. Public comments can then be made on the application for consideration by the local planning authority.

Planning Decisions

A planning officer will consider the application and any supporting information and make a recommendation for approval or refusal. Depending on the type of application the final decision may be made by the officer through 'delegated powers', or the information could be passed to a planning committee.

The local authority will explain the reasons for refusing any applications. The applicant could then choose to re-submit the application with amendments. The result can also be appealed through the planning inspectorate; however, this can be a complicated and costly procedure and would not normally be undertaken without obtaining further professional guidance.Consequently, where an application is listed in this report as refused it may later be granted on appeal. Therefore, if an application within this report concerns you, we would strongly advise you to find out more from your local planning authority.

Planning applications are usually decided within 8 weeks of the application date, although this can be extended to 13 weeks where the application is large or complex. Unless acted upon a planning permission will lapse after either 3 or 5 years, depending on whether it is an 'outline' or 'full' (sometimes called 'detail') application.

Helpful Resources

http://www.planningportal.gov.uk - The Planning Portal is the governmental planning information website. You can access guides about the planning system and also submit applications through this website.

Useful information

Use Classes

Use Class	Category Description	Notes
A1	Shops	General retail
A2	Financial and Professional Services	e.g banks, estate agents etc.
A3	Restaurants and cafes	
A4	Drinking establishments	Pubs/wine bars (not nightclubs)
A5	Hot food takeaways	
B1	Business	Offices etc. (not those that fall within A2 e.g.Estate agents
B2	General industry	
B8	Storage or distribution	Warehouses etc.
C1	Hotels	
C2	Residential institutions	Hospitals, nursing homes, boarding schools
C2(a)	Secure residential institutions	Prisons, young offenders institutes etc.
C3	Dwelling houses	
C4	Houses in multiple occupation	Small shared houses occupied by between 3 and 6 unrelated individuals, as their only or main residence, who share basic amenities such as kitchen or bathroom

Use Classes

Use Class	Category Description	Notes
D1	Non-residential institutions	Schools, museums, libraries etc.
D2	Assembly and leisure	Cinemas, music and concert halls, swimming pools etc.
Sui Generis		Anything not falling into the above, e.g petrol stations, nightclubs, taxi business, amusements etc.

Coal mining

Underground coal mining

Underground mining creates spaces (or voids). The intense pressures set up by deep mining make these voids compress, resulting in subsidence at the surface. Where the mining has been nearer to the surface, as is the case here, the pressures are less and the voids can remain for a longer period of time. When and where or if these voids might collapse and result in surface subsidence is difficult to predict but there is clearly an enhanced risk.

Pinpoint Zone of Influence

Landmark reports use a bespoke methodology to determine the Zone Of Influence that is unique to them and is highly accurate. The average depths of underground workings within the Zone Of Influence are reported by indicating the percentage depths for shallow workings (those less than 30M or 50M where the seam is unusually thick), moderate (depth ranges from 30M to 500M) and considerable (workings deeper than 500M). A count of the number of seams worked and the last date of mining from these is also reported.

Mine entries

Shafts and adits are the means by which coal is accessed from the surface. Shafts are vertical excavations sunk from the surface to the coal seams worked. Adits are tunnels that start at the surface and extend into the seams worked. The approximate location of any mine entries within 20M of the property boundary are referred to and shown on the plan

Useful information

Summary

The report has identified what, if any, treatment is known to have been provided to the mine entries disclosed. Where treatment is unknown this does not mean none has taken place but simply that the Coal Authority does not have any record of it. This is because before the formation of the National Coal Board there was no centralised recording facility, and the treatment was reliant upon private operators and landowners.

If after reading this you are concerned about any of the issues raised here and wish to obtain further advice other than our Consultants Report, you will need to have a further detailed investigation undertaken and a report prepared by a suitably qualified professional; then follow any guidance given in that report.

Subsidence claims

The individual details of each claim are listed above. Further actions are recommended based on the particular status of a claim.

- **Claim Withdrawn**- no action generally but if damage was identified in the property there may be causes other than mining subsidence. Advise making further enquiry with the vendor.
- **Claim Ongoing**- make further enquiries of the Seller, their Solicitors or the Coal Authority.
- **Claim Settled**- where further detail is required, seeking a Subsidence Claims History report from the Coal Authority might provide useful information as to, for example, why the compensation was so high/low.
  The existence of nearby claims does not necessarily mean that damage has been caused to other properties in the locality or will do so in the future. While there may not have been damage there most certainly will have been subsidence. The only method by which you can be sure no damage has been caused is to have an inspection undertaken.

Energy & Infrastructure

Non-renewable energy

Onshore oil and gas exploration and production licences relate to areas of land (blocks). The Oil and Gas Authority (OGA) grants the licences to operators. They must show technical and environmental competence and have access to funding. The government does not directly grant access rights. Planning permission must be sought from the Local Authority. Environmental permits must also be sought from the Environment Agency, Scottish Environment Protection Agency, or Natural Resources Wales.

As well as the areas currently licensed for oil and gas exploration, we will also show the 159 new licenses that were offered under the 14th Onshore Oil and Gas Licensing Round to successful applicants.

Before any drilling activities can begin, the operator must first get planning permission. Contact your Local Planning Authority to get details of any current planning applications near to your property.

Fracking (Hydraulic Fracturing)

Fracking is just one technical part of the process needed for the development and operation of a shale gas facility. This includes exploration, production and abandonment. Each stage of the shale gas development process presents a distinct set of risks. These include contamination risk to groundwater and surface water, seismic risks, and amenity risks (for example, from increased traffic movements). The nature of risk depends upon both the impact should an event occur and the likelihood of it occurring. Some guidance has been produced in relation to shale gas by UK Government and environmental regulators. It is likely that significantly more will follow before commercial shale gas operations begin at any significant scale.

The fracking process involves injecting water and various other additives into the ground. Some negative media coverage of the process has occurred in the UK and USA. The differences in regulatory regime and geological conditions mean that direct comparison of the UK with the USA is not strictly applicable. A number of reports have been produced by proponents and opponents of the technology in the UK and Europe, with a small number of expert technical reports leading government and regulatory policy towards shale gas development in the UK. However, regulatory advice is currently limited.

There is general consensus that risks to property from fracking are low. The exact nature of risk depends upon site specific considerations.

Renewable energy

Planning has a key role in providing renewable and low carbon energy facilities, where the local environmental impact is acceptable. Protection of local amenity is an important consideration which planning authorities consider when making their decisions.

No formal government compensation schemes currently exist for property owners located close to wind or solar farms.

The wind and solar energy industries are increasingly trying to work more closely with the government, councils, local communities and wider interest groups, to ensure that benefits associated with wind energy developments are felt by those who live locally. RenewableUK developed the Community Benefits Protocol in 2011 to ensure that the wind power industry delivers on these benefits. As part of the Protocol, developers commit to provide a minimum of £1000 per MW of installed capacity, or equivalent benefits, directly to host communities. Further information can be obtained from RenewableUK (https://www.renewableuk.com/).

Useful information

Wind energy

Wind farms do not usually pose a risk to the surrounding environment. But due to the large areas they cover and the height of the turbines they can cause problems. These include visual impacts and those from noise/vibrations produced by the turbines. Ecological impacts can also be present although these tend not to be so relevant to property.

The biggest issue relates to the visual impact of a wind farm. The resulting changes of the visual landscape can be significant. This is particularly a problem in protected rural areas.

The wind is the UK's largest source of renewable energy generation. There are over 400 wind farms and around 4000 wind turbines in the UK. With many projects due to be developed these figures will continue to grow.

RenewableUK (https://www.renewableuk.com/) holds records of wind projects in the UK Wind Energy Database.

Solar energy

The main environmental impact of a solar farm is visual impact. Solar farms can cover large areas of land, but the structures within them are rarely higher than 2m above ground level. Visual impact can be reduced if planned and screened sensitively. A solar farm does not generate noise and is quick to construct (often only 1-2 months). There is very little maintenance traffic once construction completes.

Panels may be freestanding or attached to a building with a large surface area such as a warehouse roof. They are a form of renewable and low carbon energy production. They could help provide the UK with a secure energy supply and reduce greenhouse gas emissions.

Other renewable energy

As well as wind and solar power there are a variety of other renewable power sources in the UK. Details of the other types of renewable energy are:

- **Small / Large Hydroelectric**- Power stations that produce electricity using the gravitational force of falling or flowing water. Small hydro projects are those that produce 10 megawatts or less.
- **Shoreline Wave**- Electricity generation using sea surface waves
- **Tidal Barrage / Stream**- this is a form of hydroelectric power station that converts the energy of tides into electricity
- **Biomass** - Energy is created by burning biological material such as wood and certain types of Plants.
- **Co-firing**- A co-firing power plant burns biomass together with fossil fuels.
- **Anaerobic / Sewage Digestion**- The process produces a biogas, consisting partly of methane. This biogas can be used directly as fuel to generate electricity.
- **Hot Dry Rocks**- This is a type of geothermal power plant which uses heat produced naturally in the ground to create electricity.
- **Landfill Gas**- Burning of landfill gases to produce power
- **Energy From Waste (EfW) Incineration**- EfW is a form of energy recovery. Most EfW processes produce electricity and/or heat directly through burning.
- **Advanced Conversion Technology**- A process that produces gas by burning waste at extremely high temperatures. This achieves 100% degradation of the waste to "white ash". The gas produced is burnt for electricity generation and thermal energy distribution and utilisation.

Above and below ground railways

Railways indicated in the report are found on Open Street Map, and include those categorised as abandoned and historic.

Abandoned railways are based on the Open Street Map (OSM) classes of abandoned, dismantled, disused, and razed. They are either former railways in which the tracks and infrastructure have been removed and the course may be recognisable, or a section of railway which is no longer in use, but the track and infrastructure remain in place. These railways will be classed as 'Inactive'.

Historic railways are based on the following OSM classes: heritage, historic, historical, and preserved. They are generally running historic trains as tourist attractions. These railways will be classed as 'Active'.

Crossrail

Crossrail, now completed and known as the Elizabeth Line, stretches from Reading and Heathrow in the west, to Shenfield and Abbeywood in the east.The development covers over 100km of track, of which 21km is new rail tunnels under central London.

Crossrail 2

Crossrail 2 (CR2) is a new (proposed) railway, linking the national rail networks in and around Surrey and Hertfordshire via an underground tunnel through London. In the central tunnelled section of the route, CR2 is expected to serve stations between Wimbledon in the south and New Southgate and Tottenham Hale in the north, providing an interchange with other London Underground, Overground and National Rail services. In Surrey and south west London, CR2 is expected to use the existing rail lines beyond Wimbledon. North of Tottenham Hale, CR2 is expected to connect with the West Anglia Main Line.

If you have a property near to any of the existing or proposed CR1 or CR2 stations, you may benefit from the lines, once open. Other properties may need to be acquired or will be affected by the construction of the line or running of the trains. A property above the construction of a new tunnel could be affected as a result of

Useful information

ground settlement. Settlement is the technical term given to the way the ground moves around a hole after it has been dug out. Digging tunnels, shafts and basements always causes small movements in the ground.

Crossrail2 was paused in October 2020, and it is not currently know when further work will continue. Transport for London (TfL) continues to manage the Crossrail 2 Safeguarding Directions on behalf of the Secretary of State for Transport and continues to work with stakeholders whose developments are affected by the Safeguarding. This is to ensure they can continue to protect the route until such time as the railway can be progressed.

Safeguarding limits

Safeguarding is where a proposed project's location or route is protected from conflicting development. Any development within the safeguarded area could be subject to extra planning restrictions. Land can be used during construction for the transfer of building waste materials or machinery. This may result in disruption to the affected site and in nearby areas. The existence of a safeguarding direction will be declared by the local planning authority in response to searches of the local land charges register.

High Speed 2

High Speed 2 (HS2) is currently under construction, and comprises of 140 miles of track, four new stations, two depots, 32 miles of tunnel, and 130 bridges.

Once operational, HS2's British-built bullet trains will provide zero-carbon journeys between the UK's two largest cities, Birmingham and London, with services continuing on to Manchester, the North West, and Scotland using the conventional railway network, cutting journey times.

Useful contacts

If after reading the details in this report regarding the sites identified, you still require further information, please contact the relevant agency or authority indicated in the Useful Contacts section quoting the corresponding reference given in the text of the report.

The contacts in the Useful Contacts section may be able to provide further information relating to items identified in the report, however they are not in a position to advise how these might affect the value of a property. The findings of the report should be discussed with your professional advisor.

1 **Ordnance Survey**

Adanac Drive
Southampton
SO16 0AS

www.ordnancesurvey.co.uk
customerservices@ordnancesurvey.co.uk
03456 05 05 05

2 **Landmark Information Group Limited**

Landmark Information Group
Imperium
Imperial Way
Reading
RG2 0TD

www.landmark.co.uk
helpdesk@landmark.co.uk
0330 036 6619

3 **Waveney District Council (now part of East Suffolk Council)**

Rectory Road
Lowestoft
NR33 OBY

www.waveney.gov.uk
01502 562111

4 **The Broads Authority**

Thomas Harvey House
18 Colegate
Norwich
NR3 1BQ

01603 610734

5 **East Suffolk Council**

East Suffolk House
Station Road
Melton
Woodbridge
IP12 1RT

www.eastsuffolk.gov.uk

6 **Suffolk County Council**

St Edmund House
County Hall
Ipswich
IP4 1LZ

www.suffolkcc.gov.uk
01473 583000

7 **Environment Agency, National Customer Contact Centre (NCCC)**

PO Box 544
Templeborough
Rotherham
S60 1BY

enquiries@environment-agency.gov.uk
03708 506 506

Useful contacts

8 **British Geological Survey, Enquiry Service**

British Geological Survey
Environmental Science Centre
Keyworth
Nottingham
NG12 5GG

www.bgs.ac.uk
enquiries@bgs.ac.uk
0115 936 3143

9 **Natural England**

County Hall
Spetchley Road
Worcester
WR5 2NP

www.naturalengland.org.uk
enquiries@naturalengland.org.uk
0300 060 3900

10 **PinPoint Information Ltd**

Riverbank House
1 Putney Bridge Approach
London
SW6 3JD

www.pinpointinformation.co.uk

Important consumer protection information

This search has been produced by:

Landmark Information Group Limited

Imperium
Imperial Way
Berkshire
RG2 0TD

helpdesk@landmark.co.uk
0330 036 6619

Conveyancing Information Executive (CIE) standards

Landmark adheres to the Conveyancing Information Executive (CIE) standards

- Conveyancing Information Executive Members shall act in a professional and honest manner at all times in line with the Conveyancing Information Executive Standards and carry out the delivery of the Search with integrity and due care and skill.
- Compliance with the Conveyancing Information Executive Standards will be a condition within the Conveyancing Information Executive Member's Terms and Conditions.
- Conveyancing Information Executive Members will promote the benefits of and deliver the Search to the agreed standards and in the best interests of the customer and associated parties.
- The standards can be seen here: http://www.conveyinfoexec.com

Complaints

If you have a query or complaint about your search, you should raise it directly with the search firm, and if appropriate ask for any complaint to be considered under their formal internal complaints procedure. If you remain dissatisfied with the firm's final response, after your complaint has been formally considered, or if the firm has exceeded the response timescales, you may refer your complaint for consideration under The Property Ombudsman scheme (TPOs). The Ombudsman can award up to £5,000 to you if the Ombudsman finds that you have suffered actual financial loss and/ or aggravation, distress or inconvenience as a result of your search provider failing to keep to the Standards. Please note that all queries or complaints regarding your search should be directed to your search provider in the first instance, not to TPO.

TPOs

The Property Ombudsman scheme
Milford House
43-55 Milford Street
Salisbury
Wiltshire SP1 2BP

www.tpos.co.uk
admin@tpos.co.uk
01722 333306

Complaints procedure

If you want to make a complaint to Landmark, we will:

- Acknowledge it within 5 working days of receipt.
- Normally deal with it fully and provide a final response, in writing, within 20 working days of receipt.
- Keep you informed by letter, telephone or e-mail, as you prefer, if we need more time.
- Provide a final response, in writing, at the latest within 40 working days of receipt.
- Liaise, at your request, with anyone acting formally on your behalf.

Complaints should be sent to:

Customer Services Manager

Landmark Information
Imperium
Imperial Way
Reading
RG2 0TD

helpdesk@landmark.co.uk
0330 036 6619

If you are not satisfied with our final response, or if we exceed the response timescales, you may refer the complaint to The Property Ombudsman. We will co-operate fully with the Ombudsman during an investigation and comply with his final decision

Terms and conditions and copyright statement

Landmark Legal Reports Terms and Conditions

Landmark Legal Reports Terms and Conditions can be found here: https://www.landmark.co.uk/product-terms-conditions/. Should you experience difficulties, please call our Customer Service Team on 0330 036 6619.

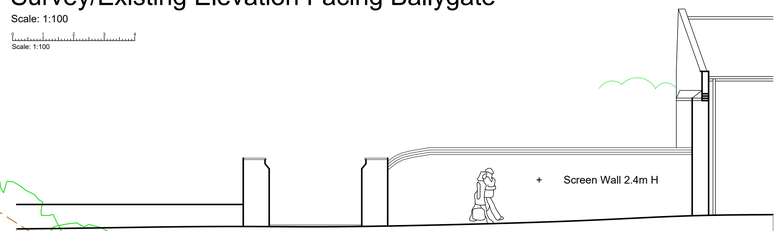
All rights reserved. You must not reproduce, store or transmit any part of this document unless you have our written permission. ©2026 Landmark Information Group Ltd.

Copyright statement

Copyright Statement The data supplied for this EnviroSearch Residential falls under the following copyrights:
© Crown copyright and database rights 2026 OS AC0000813445
Contains OS data © Crown copyright and database rights 2026
This data contains address data (address 1, address 2, address 3, postcode) processed against Ordnance Survey's AddressBase Premium product, which incorporates Royal Mail's PAF® database (Address Data). The Ministry of Housing, Communities & Local Government has published the address data with the consent of Ordnance Survey and Royal Mail Group Limited; Ordnance Survey and Royal Mail Group Limited reserve all their respective copyright, database rights, trade marks and other intellectual property rights. Ordnance Survey and Royal Mail Group Limited permit the use of 'address data' solely for specific purposes related to the energy performance of buildings. All data fields other than the address and postcode data (address, address 1, address 2, address 3, postcode) available via this website are licensed under the Open Government Licence v3.0, which includes Ordnance Survey UPRNs.
© 2026 Barbour ABI. All rights reserved.
©Landmark Information Group and/or its Data Suppliers 2026
© Environment Agency and database right 2026
Contains Data from British Geological Survey © UKRI. Derived in part from Environment Agency data. All rights reserved.
Contains public sector information licensed under the Open Government Licence v3.0
© Environment Agency copyright and/or database right 2026. All rights reserved. Contains information © Local Authorities
© 2026 Green Street
© 2026 118 Information - All Rights Reserved.
© Crown Copyright and Landmark Information Group Limited 2026. All rights reserved.
Contains Data from British Geological Survey © UKRI. All rights reserved.
The Mining Instability data was obtained on licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The supplied Mining Instability data is derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.
© Stantec UK Limited 2026
© Cheshire Brine Subsidence Compensation Board 2026
The brine subsidence data relating to the Droitwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.
© RenewableUK 2026
© OpenStreetMap contributors
Contains public sector information licensed under the Open Government Licence v2.0, © Crown Copyright. All rights reserved 2026
Flood data provided by JBA Risk Management Limited. © Copyright JBA Risk Management Limited 2008-2026
© GeoSmart Information Ltd.
Contains Data from British Geological Survey © UKRI. Derived in part from UK Health Security Agency data. All rights reserved.
Contains Data from British Geological Survey © UKRI. Derived in part from UK Centre for Ecology and Hydrogeology data. All rights reserved.
© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2026.
© Historic England 2026. Contains Ordnance Survey data © Crown copyright and database right 2026
©PinPoint Coal Limited

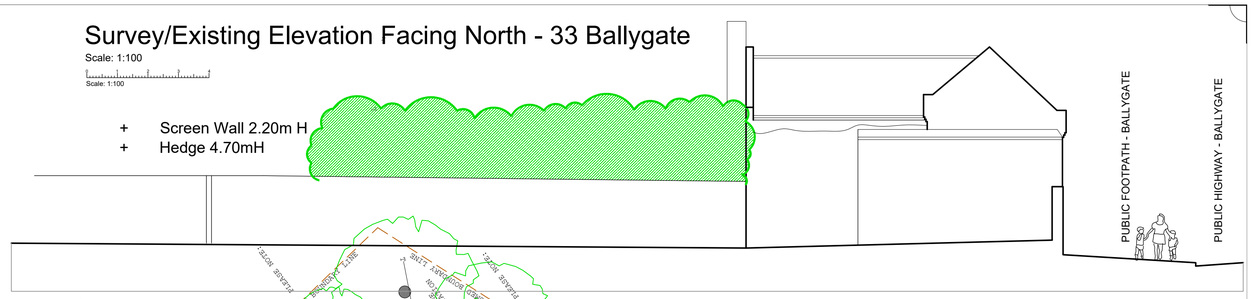
Survey/Existing Elevation Facing Ballygate

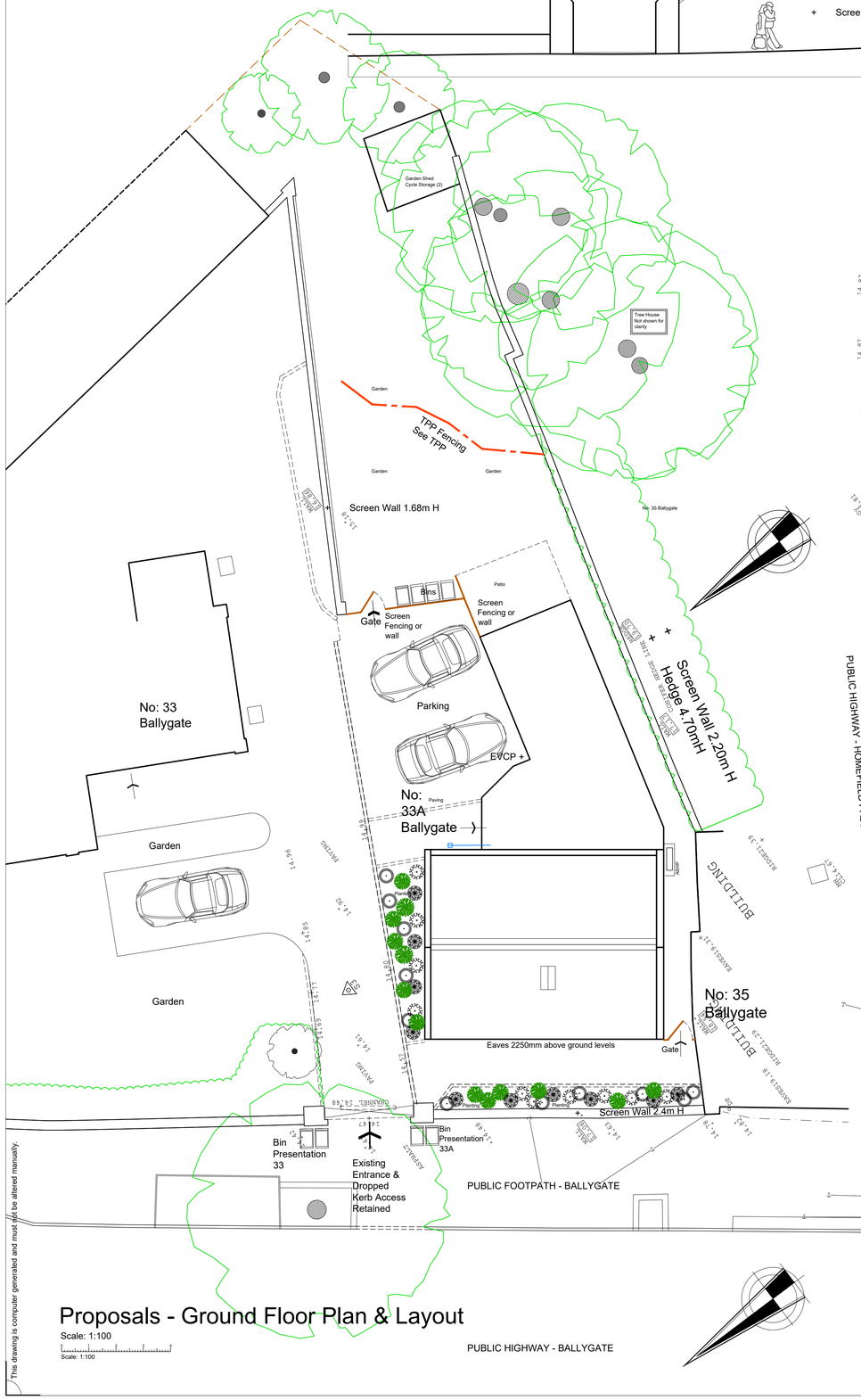
Scale: 1:100

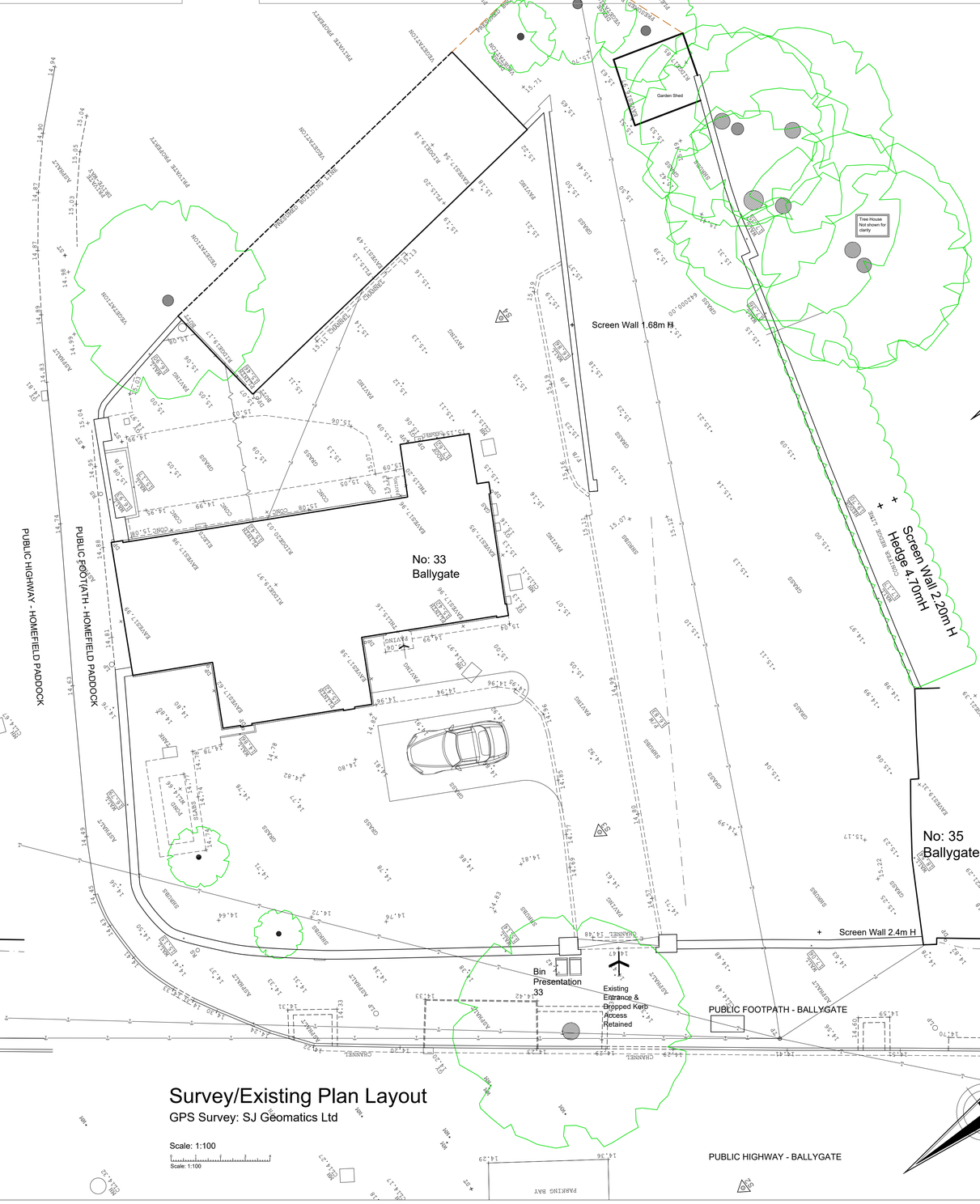


Survey/Existing Elevation Facing North - 33 Ballygate

Scale: 1:100







Materials:

A - Existing - No: 33 Ballygate
1 - Walls: Brick;
2 - Roof: Slate;
3 - Rear Extension - Walls: Vertical larch boarding;
4 - Roof: Felt
5 - Boundary walls - facing brickwork
B - Proposed:
1 - Walls - Facing Brick to match as near as possible the red facing of the boundary walling retained; Parapet gable walls - context with local area
2 - Rear Single Storey element Walls - Vertical larch boarding, including the fencing/gate providing garden/drive separation;
3 - Roof: A - Flat: Felt; B - Pitched Plain Tiles Clay Red
4 - Dormer/Rear - Zinc standing seam cladding slate black
5 - Guttering & down pipes - galvanised steel
6 - Roof Light - Conservation Item

Party Wall etc Act:

As works are being undertaken at the party wall between this property and the neighbours, then the Act, shall be complied with in all aspects. With relevant notice and agreements being made between the owners, and the adjoining owners.

CDM Regulations 2015:

The works have been considered under Principal Designer Duties. Note that Domestic building works now fall under the CDM Regulations.
It is not considered that any unavoidable Health & Safety hazzards are presented by the works, and that normal good site health and safety practice precautions should be satisfactory.

Notes:

This drawing and any design shown upon it are the exclusive copyright of: Ian Garrett Building Design Limited, UK. No other person may used this design for any purpose, without prior written permission or discharge being received from in a written form from :- Ian Garrett Building Design Limited, UK the copyright holder.

This drawing shall not be scaled, check all site dimensions & from fixed positions. Use dimensions on the plans in preference.
This drawing has been prepared for planning or building regulation purposes only, & thus shall not be regarded as a fully working drawing. All dimensions, levels, foundations, ground conditions, drains, heights, DPC & DPM together with complete drawing shall be checked and agreed prior to any manufacture of any component.
All work, workmanship & materials are to comply with the current & applicable BS Code of Practice, building regulations.
Check planning conditions that may be relevant to the application. This drawing shall be read in conjunction with the specifications, engineers designs, details that may be supplied to assist.
Any changes to the design or specifications, shall need to be agreed with the Local Authority planning & building control departments. Changes could compromise the design requirements.
Note the need for compliance with the CDM Regulations 2015 on all projects, Domestic & Business operations need to be considered.
No alterations to the drawings or specifications shown may be undertaken other than by - Ian Garrett Building Design Limited The copyright holder.

Revisions:

Dated:	Description:
A	
B	
C	

Proposed Dwelling
33 Ballygate
Beccles
Suffolk
NR34 9ND

Client: Bagshaw Builders Ltd

Existing & Proposed Site Plan Proposals

Drawing no: 3433.26.1 @ A1
Date: August 2026
Scale: 1:100

Planning

Ian Garrett
Building Design and Surveying Consultants
Ian Garrett Building Design Limited
The Store,
Oakwood Mews
LOWESTOFT,
Suffolk,
NR32 2LS.
T: 01502-511821
E: ian@garrettdesign.co.uk
W: www.garrettdesign.co.uk
Company Reg no. 07140861

Proposals - Ground Floor Plan & Layout

Scale: 1:100
Scale: 1:100

Survey/Existing Plan Layout

GPS Survey: SJ Geomatics Ltd

Scale: 1:100
Scale: 1:100

This drawing is computer generated and must not be altered manually.

Town and Country Planning (Development Management Procedure) (England) Order 2015 NOTICE UNDER ARTICLE 13 OF APPLICATION FOR PLANNING PERMISSION

(Notice 1: This notice is to be printed and served on individuals if Certificate B or C is completed)

Proposed development at:

Name or flat number	
Property number or name	Plot
Street	33 Ballygate
Locality	
Town	Beccles
County	Suffolk
Postal town	Beccles
Postcode	NR34 9DN

Take notice that application is being made by:

Organisation name		Bagshaw Builders Limited		
Applicant name	**Title**	Mr	**Forename**	C
	Surname	Bagshaw		

For planning permission to:

Description of proposed development

New Dwelling, parking & materials

Local Planning Authority to whom the application is being submitted:	East Suffolk Council
Local Planning Authority address:	3 Canning Road, Lowestoft, Suffolk, NR33 0EQ.

Any owner of the land or tenant who wishes to make representations about this application, should write to the council within 21 days of the date of this notice.

Signatory:

Signatory	**Title**	Mr	**Forename**	Ian
	Surname	Garrett on Behalf of IGBD Ltd		
Signature		Ian Garrett		
Date (dd-mm-yyyy)		28.08.2026		

Statement of owners' rights: The grant of planning permission does not affect owners' rights to retain or dispose of their property, unless there is some provision to the contrary in an agreement or lease.

Statement of agricultural tenants' rights: The grant of planning permission for non-agricultural development may affect agricultural tenants' security of tenure.

'Owner' means a person having a freehold interest or a leasehold interest the unexpired term of which is not less than seven years.
'Tenant' means a tenant of an agricultural holding any part of which is comprised in the land.

Once completed this form needs to be served on the owner(s) or tenant(s)

Print Form

Date printed: 24 September 2026

Neighbour consultations

Address	Date consulted
Paddock House, Homefield Paddock, Beccles	24 September 2026
Ballygate Cottage, 35 Ballygate, Beccles	24 September 2026

Further addresses may be added during the planning application process.

Consultees

Consultee	Date consulted
SCC Highways Department	24 September 2026
East Suffolk Ecology	24 September 2026
East Suffolk Environmental Protection	24 September 2026
Beccles Town Council	24 September 2026

Further consultees may be added during the planning application process.

EASTSUFFOLK COUNCIL

Land Contamination Questionnaire

For small (1 or 2 dwelling) housing developments on existing residential or greenfield sites.

Site Address:	**Proposal:**
33 Ballygate Beccles Suffolk NR34 9ND	New Dwelling

Q1. Please give a brief description of the current state of the site and a description of any existing buildings and their current and former uses.

Garden open land to 33 Ballygate

Q2. Please give a brief description of the proposed layout of the site, including any hard landscaping and garden areas planned for the development (Please provide a plan of the location of these areas)

Proposed new dwellings with parking, gardens, tuning areas and areas for bin storage and collection.

Q3. Please describe the type of land usage currently surrounding your site.

North: Highway

East: Highway

West: Dwelling/residential

South: Dwelling/residential

Q4. Has any of the above surrounding land uses affected the application site?

YES ☐ **NO** ☑

If **YES** then please provide further information

Q5. Please provide an independent Environmental Search report for the site. These can be obtained online from a several environmental search report companies. Please also provide your own comments about previous land use and previous surrounding land use of the application site

Provided

Q6. Are there any fuel storage facilities on the site including underground and above ground petrol, diesel or domestic heating oil tanks?

YES ☐ **NO** ☑

If YES then please provide further information, including condition and history of leaks

Q7. Are there any infilled pits, wells or ponds on the site?

YES ☐ **NO** ☑

If YES then please provide further information

Q8. Is there any staining, smells or other evidence of spillages or contamination on the site?

YES ☐ **NO** ☑

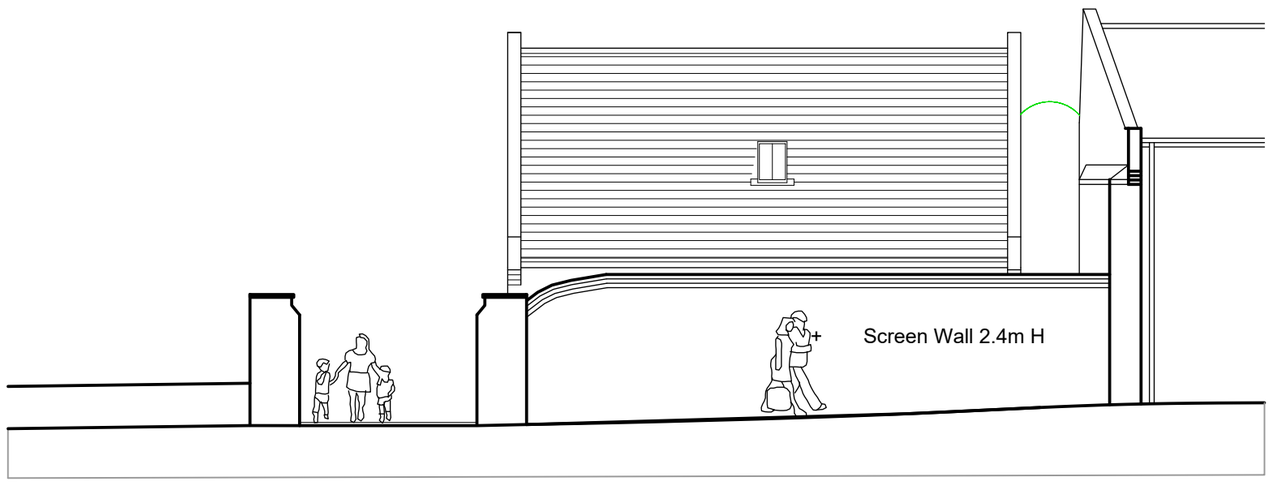
If YES then please provide further information

Before signing below, please make sure you have attached the following:

- **A plan of the proposed layout including garden and hard landscape areas**
- **An Environmental Search Report**

By signing below you are declaring that to the best of your knowledge, information and belief the information you have been given is correct.

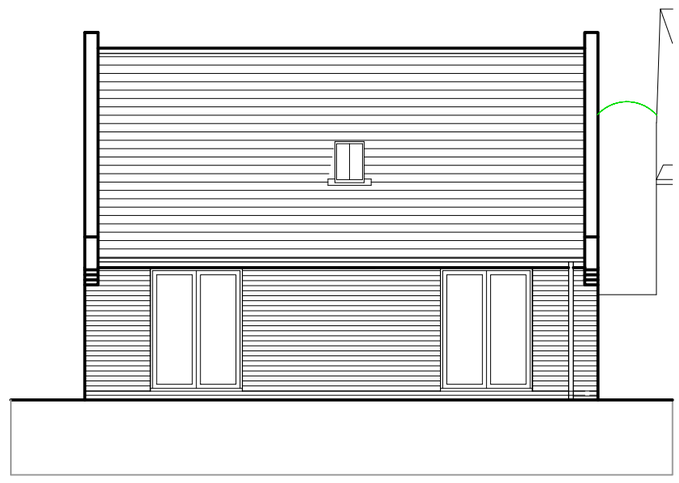
Completed by (Print name):	**Address:**
Ian Garrett - on behalf of Ian Garrett Building Design Ltd	The Store, Oakwood Mews, Lowestoft, NR32 2LS.
Completed by (Signed): Ian Garrett	**Email:** ian@garrettdesign.co.uk **Telephone No:** +44 1502-511821



Proposed Street Elevation - West

Scale: 1:100

Scale: 1:100

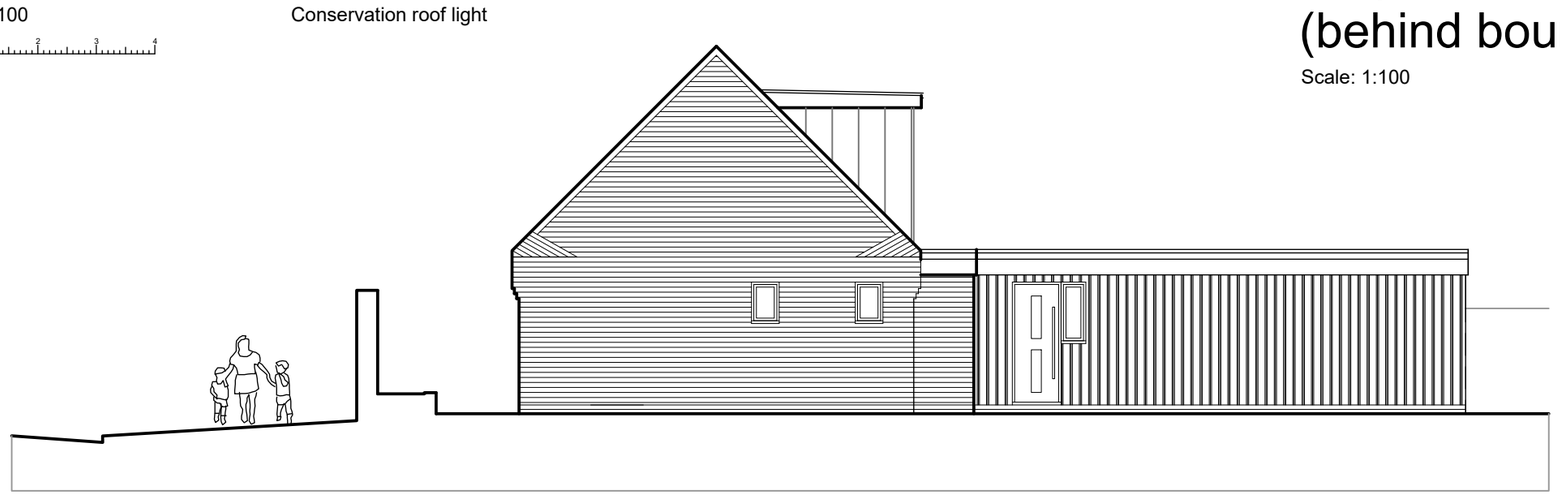


Proposed Elevation - West (behind boundary wall)

Scale: 1:100

Conservation roof light

Conservation roof light



Proposed Elevation - South

Scale: 1:100



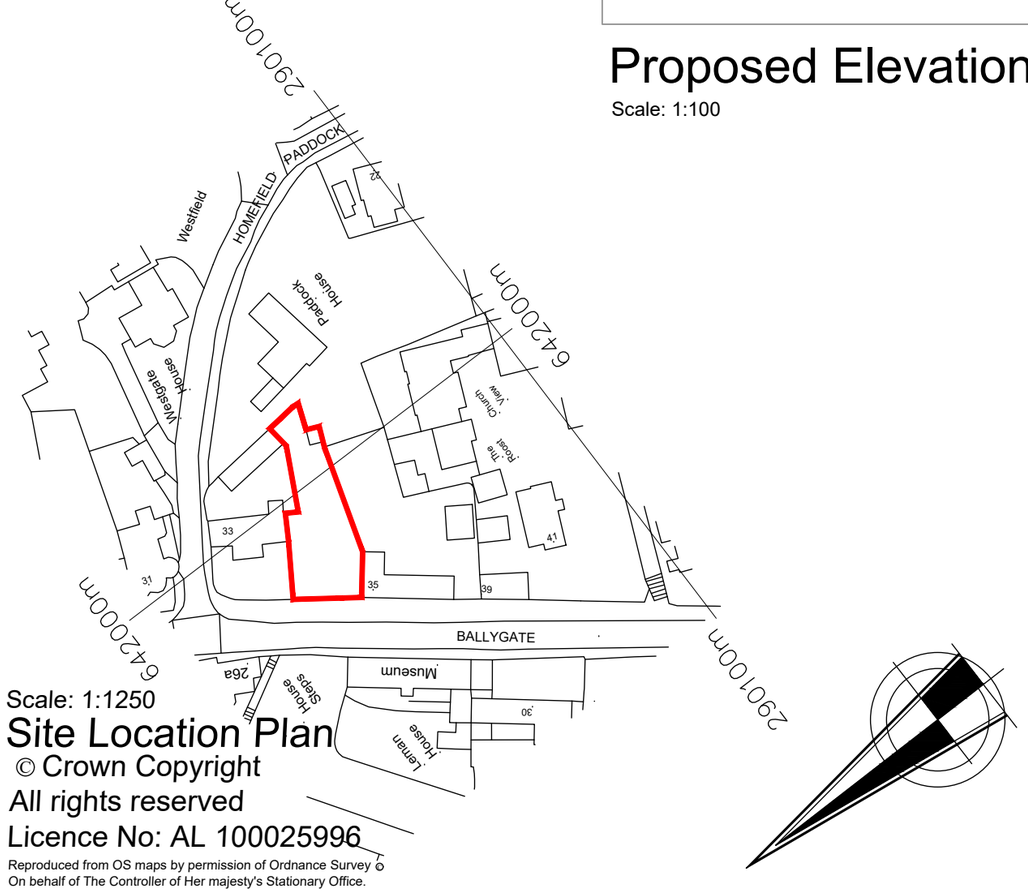
Proposed Elevation - North

Scale: 1:100



Proposed Elevation - East

Scale: 1:100



Scale: 1:1250

Site Location Plan

© Crown Copyright
All rights reserved
Licence No: AL 100025996
Reproduced from OS maps by permission of Ordnance Survey
On behalf of The Controller of Her majesty's Stationary Office.

Materials:

A - Existing - No: 33 Ballygate
1 - Walls: Brick;
2 - Roof: Slate;
3 - Rear Extension - Walls: Vertical larch boarding;
4 - Roof: Felt
5 - Boundary walls - facing brickwork

B - Proposed:
1 - Walls - Facing Brick to match as near as possible the red facing of the boundary walling retained; Parapet gable walls - context with local area
2 - Rear Single Storey element Walls - Vertical larch boarding, including the fencing/gate providing garden/drive separation;
3 - Roof: A - Flat: Felt; B - Pitched Plain Tiles Clay Red
4 - Dormer/Rear - Zinc standing seam cladding slate black
5 - Guttering & down pipes - galvanised steel
6 - Roof Light - Conservation Item

Party Wall etc Act:

As works are being undertaken at the party wall between this property and the neighbours, then the Act. shall be complied with in all aspects. With relevant notice and agreements being made between the owners. and the adjoining owners.

No. 33 Ballygate

CDM Regulations 2015:

The works have been considered under Principal Designer Duties. Note that Domestic building works now fall under the CDM Regulations.
It is not considered that any unavoidable Health & Safety hazards are presented by the works, and that normal good site health and safety practice precautions should be satisfactory.

Notes:

This drawing and any design shown upon it are the exclusive copyright of: Ian Garrett Building Design Limited, UK. No other person may used this design for any purpose, without prior written permission or discharge being received from in a written form from :- Ian Garrett Building Design Limited, UK the copyright holder.

This drawing shall not be scaled, check all site dimensions & from fixed positions.. Use dimensions on the plans in preference.
This drawing has been prepared for planning or building regulation purposes only, & thus shall not be regarded as a fully working drawing.
All dimensions, levels, foundations, ground conditions, drains, heights, DPC & DPM together with complete drawing shall be checked and agreed prior to any manufacture of any component.
All work, workmanship & materials are to comply with the current & applicable BS Code of Practice, building regulations.
Check planning conditions that may be relevant to the application. This drawing shall be read in conjunction with the specifications, engineers designs, details that may be supplied to assist.
Any changes to the design or specifications, shall need to be agreed with the Local Authority planning & building control departments. Changes could compromise the design requirements.
Note the need for compliance with the CDM Regulations 2015 on all projects, Domestic & Business operations need to be considered.
No alterations to the drawings or specifications shown may be undertaken other than by - Ian Garrett Building Design Limited the copyright holder

Revisions:

Dated:	Description:
A	
B	
C	

Proposed Dwelling
33 Ballygate
Beccles
Suffolk
NR34 9ND

Client: Bagshaw Builders Ltd

Site Plan
Proposed Elevations

Drawing no:	3433.26.3 @ A2
Date: August 2026	Scale: 1:1250; 1:100

Planning

Ian Garrett
Building Design and Surveying Consultants

Ian Garrett Building Design Limited
The Store,
Oakwood Mews
LOWESTOFT,
Suffolk,
NR32 2LS.

T: 01502-511821
E: ian@garrettdesign.co.uk
W: www.garrettdesign.co.uk

Company Reg no. 07140861

This drawing is computer generated and must not be altered manually.

No: 33
Ballygate

Existing Screen Wall 1.68m H

Retain the existing screen wall

Bins

Patio

Screen Fencing
1800mm H

Gate

Screen Fencing
1800mm H

Parking

Parking

Living Room

1000

No: 35 Ballygate

Existing Screen Wall 2.20m H
Existing Hedge 4.70mH

CONIFER HEDGE 4.10M

EVCP - Electric charging to be provided this is a planning condition

EVCP +

Paving

Entrance Porch

Utility

Provide gigabit ready physical infrastructure ready for connection by supplier at boundary. Duct into property with network termination point internally ready for the future installation when giga bit connectivity is available on the road.

No: 33A Ballygate

Toilet

Plant

Ensuite

Hall

Kitchen

Bedroom - 1

1000

No: 35
Ballygate

Dining

1550

1900 Double

Garden

PAVING

14.96

14.92

14.85

14.77

14.69

14.57

14.80

53

Retain the existing Drive & feature s where possible

Planting

Garden

Retain the existing Drive & feature s where possible

PAVING

CHANNEL 14.48

Planting

Planting

Existing Screen Wall 2.4m H

Existing Screen Wall 2.4m H

Bin Presentation 33

14.42

14.47

Bin Presentation 33A

14.48

14.63

14.78

14.85

WALL 17.06

WALL 18.54

Gate

Existing Entrance & Dropped Kerb Access Retained

ASPHALT

PUBLIC FOOTPATH - BALLYGATE

Existing Entrance & Dropped Kerb Access Retained

PUBLIC HIGHWAY - BALLYGATE

BUILDING

RIDGE21.39

15.06

EAVES19.31

BUILDING

RIDGE21.29

EAVES19.18

DP

ASHP fully installed and commissioned by an accredited MCS-certified installer

This drawing is computer generated and must not be altered manually.

Proposals - Ground Floor Plan & Part Site Layout

Scale: 1:50

Flat Roof

Existing Screen Wall 2.20m H
Existing Hedge 4.70mH

CONIFER HEDGE 4.10M

Bedroom - 2

Bathroom

Bedroom - 3

1350

1900 Double

1900 Double

1350

Dressing

Landing

Dressing

Proposals - First Floor Plan

Scale: 1:50

Materials:

A - Existing - No: 33 Ballygate
1 - Walls: Brick;
2 - Roof: Slate;
3 - Rear Extension - Walls: Vertical larch boarding;
4 - Roof: Felt
5 - Boundary walls - facing brickwork
B - Proposed:
1 - Walls - Facing Brick to match as near as possible the red facing of the boundary walling retained; Parapet gable walls - context with local area
2 - Rear Single Storey element Walls - Vertical larch boarding, including the fencing/gate providing garden/drive separation;
3 - Roof: A - Flat: Felt; B - Pitched Plain Tiles Clay Red
4 - Dormer/Rear - Zinc standing seam cladding slate black
5 - Guttering & down pipes - galvanised steel
6 - Roof Light - Conservation Item

Party Wall etc Act:

As works are being undertaken at the party wall between this property and the neighbours, then the Act. shall be complied with in all aspects. With relevant notice and agreements being made between the owners, and the adjoining owner.

No: 35 Ballygate

CDM Regulations 2015:

The works have been considered under Principal Designer Duties. Note that Domestic building works now fall under the CDM Regulations.
It is not considered that any unavoidable Health & Safety hazards are presented by the works, and that normal good site health and safety practice precautions should be satisfactory.

Notes:

This drawing and any design shown upon it are the exclusive copyright of: Ian Garrett Building Design Limited, UK. No other person may used this design for any purpose, without prior written permission or discharge being received from in a written form from :- Ian Garrett Building Design Limited, UK the copyright holder.

This drawing shall not be scaled, check all site dimensions & from fixed positions. Use dimensions on the plans in preference.
This drawing has been prepared for planning or building regulation purposes only, & thus shall not be regarded as a fully working drawing.
All dimensions, levels, foundations, ground conditions, drains, heights, DPC & DPM together with complete drawing shall be checked and agreed prior to any manufacture of any component.
All work, workmanship & materials are to comply with the current & applicable BS Code of Practice, building regulations.
Check planning conditions that may be relevant to the application. This drawing shall be read in conjunction with the specifications, engineers designs, details that may be supplied to assist.
Any changes to the design or specifications, shall need to be agreed with the Local Authority planning & building control departments. Changes could compromise the design requirements.
Note the need for compliance with the CDM Regulations 2015 on all projects, Domestic & Business operations need to be considered.
No alterations to the drawings or specifications shown may be undertaken other than by :- Ian Garrett Building Design Limited the copyright holder.

Revisions:

Dated:	Description:
A	
B	
C	

Proposed Dwelling
33 Ballygate
Beccles
Suffolk
NR34 9ND

Client: Bagshaw Builders Ltd

Plan & Site Plan Proposals

Drawing no:	3433.26.2 @ A1
Date: August 2026	Scale: 1:50

Planning

Ian Garrett
Building Design and Surveying Consultants

Ian Garrett Building Design Limited
The Store,
Oakwood Mews
LOWESTOFT,
Suffolk,
NR32 2LS.

T: 01502-511821
E: ian@garrettdesign.co.uk
W: www.garrettdesign.co.uk

Company Reg no. 07140861

Our Ref: SCC/CON/4541/26
Date: 25 September 2026
Highways Enquiries to: Highways.DevelopmentControl@suffolk.gov.uk

All planning enquiries should be sent to the Local Planning Authority.
Email: planning@eastsuffolk.gov.uk

The Planning Department
East Suffolk Council
Development Management
East Suffolk House
Station Road
Melton
Woodbridge, Suffolk
IP12 1RT

For the attention of: Katherine Rawlins

Dear Katherine Rawlins,

TOWN AND COUNTRY PLANNING ACT 1990 CONSULTATION RETURN: DC/26/3196/FUL

PROPOSAL: New Dwelling, parking and materials

LOCATION: 33 Ballygate, Beccles, Suffolk, NR34 9ND

Notice is hereby given that the County Council as Highway Authority recommends that any permission which that Planning Authority may give should include the conditions shown below:

Vehicle Parking

Condition: The use shall not commence until the area(s) within the site shown on Drawing No "3433.26.2" for the purposes of manoeuvring and parking of vehicles has been provided and thereafter that area(s) shall be retained and used for no other purposes.

Reason: To ensure that sufficient space for the on-site parking of vehicles is provided and maintained to ensure the provision of adequate on-site space for the parking and manoeuvring of vehicles where on-street parking and manoeuvring would be detrimental to highway safety to users of the highway.

Cycle Storage

Condition: Before the development is commenced details of the areas to be provided for the secure, covered and lit cycle storage shall be submitted to and approved in writing by the Local Planning Authority. The approved scheme shall be carried out in its entirety before the development is brought into use and shall be retained thereafter and used for no other purpose.

Reason: To promote sustainable travel by ensuring the provision at an appropriate time and long-term maintenance of adequate on-site areas for the storage of cycles in accordance with Suffolk Guidance for Parking 2023.

Bin Storage and Presentation

Condition: Before the development is commenced, details of the areas to be provided for the storage and presentation of refuse and recycling bins shall be submitted to and approved in writing by the Local Planning Authority. The approved scheme shall be carried out in its entirety before the development is brought into use and shall be retained thereafter for no other purpose.

Reason: To ensure that space is provided for refuse and recycling bins to be stored and presented for emptying and left by operatives after emptying clear of the highway and access to avoid causing obstruction and dangers for the public using the highway.

Note: the presentation area shown on the plan "3433.26.2" demonstrates that bins will be left on the footway which could create a potential hazard for pedestrians therefore, a revised storage area should be shown.

Note: It is an OFFENCE to carry out works within the public highway, which includes a Public Right of Way, without the permission of the Highway Authority.

Any conditions which involve work within the limits of the public highway do not give the applicant permission to carry them out. Unless otherwise agreed in writing all works within the public highway shall be carried out by the County Council or its agents at the applicant's expense.

The County Council must be contacted on Tel: 0345 606 6171.

For further information go to:
https://www.suffolk.gov.uk/roads-and-transport/parking/apply-and-pay-for-a-dropped-kerb/ or:
https://www.suffolk.gov.uk/planning-waste-and-environment/planning-and-development-advice/application-for-works-licence/

Details for all Suffolk County Council Standard Drawings including the Design Manual and Construction Specification are available from:
https://www.suffolk.gov.uk/planning-waste-and-environment/planning-and-development-advice/development-design-and-specification

A fee is payable to the Highway Authority for the assessment and inspection of both new vehicular crossing access works and improvements deemed necessary to existing vehicular crossings due to proposed development.

Yours sincerely,

Jacob Osborne
Transport Planning Technician
Growth, Highways and Infrastructure

Ref: 3433 – TPP

Application Address: **33 Ballygate, Beccles, Suffolk, NR34 9ND.**

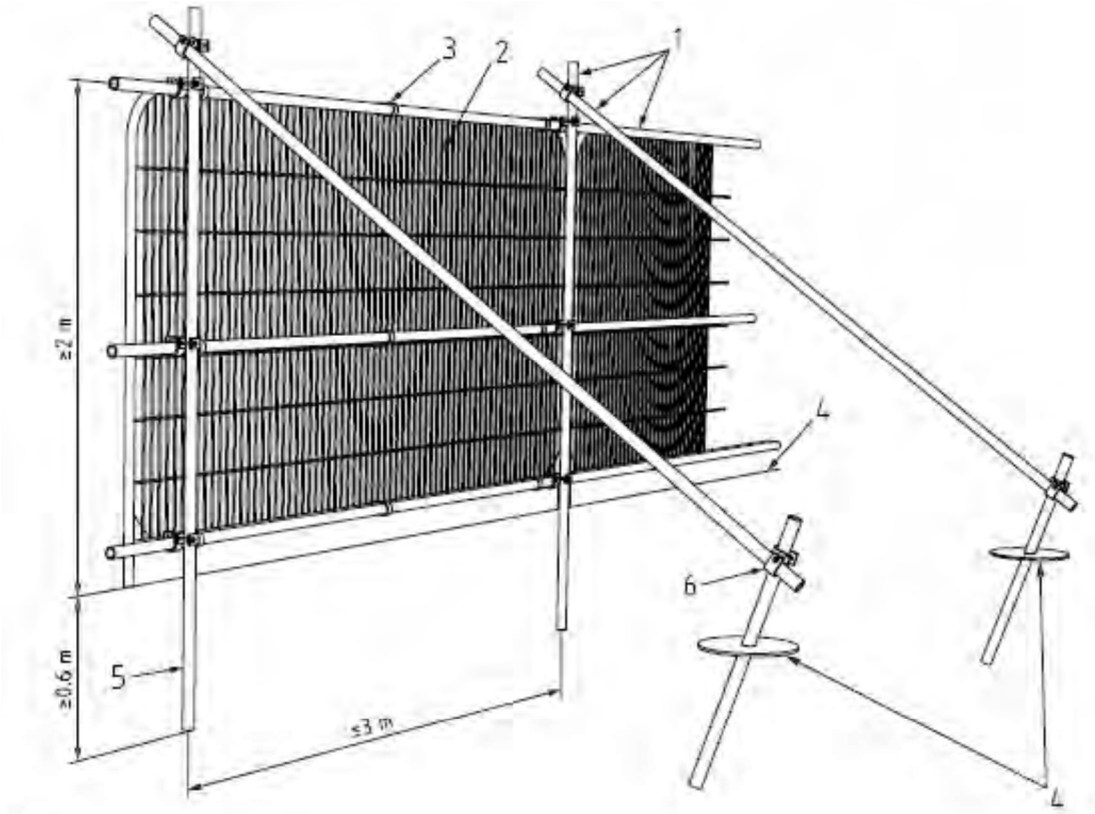
Proposals: **New Dwelling, parking & materials**

Tree Protection Plan

The enclosed Tree Protection Plan (TPP) has been prepared by overlaying the proposed development layout onto the existing tree & vegetation survey plan. The purpose of the TPP is to illustrate the trees to be retained and the protective measures required to do so.
The line of the tree & vegetation protection fencing illustrated has been sited to avoid impacts upon retained trees & vegetation wherever possible.
However, there are a small number of locations where the layout requires an offset for the tree protection fencing, most notably the site drive & vegetation near the proposed building works.
There are two different specifications for the tree protection fencing, set out in turn below, designed to meet the requirements for different sections of the site. All tree protection fencing shall be erected prior to works starting on site and remain in place throughout the construction and operational phases of the development.

Tree Protection Fence Specification 1 (red hatched line on plan)
This specification will be used at the entrance to the site drive & close to the building works as marked on drawing no: 3433.26.1
The red hatched line for the development is limited in this location to the space required for the access drive & protection of planting & vegetation.
As such it will not be possible to install lateral bracing of the fencing, as recommended in BS5837:2012, as any such bracing would fall outside of the red line.
Therefore, this fencing will follow the specification taken from Section 6.2 of BS5837:2012 "*default specification for protective barrier*", without the lateral bracing, and shall be constructed from a vertical and horizontal framework. The vertical tubes will be placed with a maximum interval of 3m and driven securely into the ground. Onto this framework, welded mesh panels (such as HERAS fencing) will be securely fixed. The protection fencing shall be marked with all-weather notices bearing the words “Tree Protection Area Keep Out”.

Tree Protection Fence Specification 2 (red hatched line on plan)
This specification will be used at the tree location which are retained as marked on drawing no: 3433.26.1
Use BS5837:2012, "*default specification for protective barrier*" (see Figure 2). This tree protection fencing shall be constructed from a vertical and horizontal framework, well braced to resist impacts. The vertical tubes will be placed with a maximum interval of 3m and driven securely into the ground. Onto this framework, welded mesh panels (such as HERAS fencing) will be securely fixed. The protection fencing shall be marked with all-weather notices bearing the words “Tree Protection Area Keep Out”.



Key

1 Standard scaffold poles
2 Heavy gauge 2 m tall galvanized tube and welded mesh infill panels
3 Panels secured to uprights and cross-members with wire ties
4 Ground level
5 Uprights driven into the ground until secure (minimum depth 0.6 m)
6 Standard scaffold clamps

Excerpt from BS5837:2012 - Figure 2 Default specification for protective barrier

Beccles Town Council
Clerk To Beccles Town Council
Town Hall
The Walk
Beccles
Suffolk
NR34 9AJ

Your ref:
Our ref: DC/26/3218/LBC
Date: 23 September 2026
Please ask for: Daniel Bailes
Direct dial: 01502 523022
Email: planning@eastsuffolk.gov.uk

Dear Sir/Madam,

Planning consultation

Application no.:	DC/26/3218/LBC
Proposal:	Listed Building Consent - Installation of new internally-illuminated fascia sign, an externally-illuminated projecting sign, and an internally illuminated menu board
Site address:	Bank And Premises , Exchange Square, Beccles, Suffolk, NR34 9HH
Consultation letter expiry date:	14 October 2026
Link:	Public Access

A new consultation for application DC/26/3218/LBC has been received in your Public Access Consultee In-tray.

Please submit comments via Public Access **only**.

Note that all comments submitted, and any plans/drawings, photographs, visualisations, assessments or other materials submitted must comply with the East Suffolk Council Artificial Intelligence Policy. Particular regard must be given to paragraph 6.9 of that policy, including declaring where AI has been used in the creation or alteration of comments and items that are submitted, and how it has been used.

If an application is to be considered and determined via Planning Committee, in addition to the established Public Access and CMIS notifications, an email notification will be sent to all relevant ESC Ward Members, and the relevant Town and Parish Council(s). Third Parties and other

consultees will not be notified via email, and they will need to continue to check Public Access and CMIS to see if/when an application is scheduled for Planning Committee. The date of that meeting will be displayed on the 'Important Dates' Tab of the application on Public Access and a report with recommendation will be published at least five working days prior to the meeting at https://eastsuffolk.cmis.uk.com/eastsuffolk/Committees.aspx.

Further information on registering to speak at Planning Committee meetings and how to attend in person or watch via YouTube is published on the webpage for each meeting.

Yours faithfully,



Ben Woolnough MRTPI | Head of Planning and Building Control
East Suffolk Council

Properties which the Local Planning Authority has written to:

1 New Market, Beccles, Suffolk
10 Exchange Square, Beccles, Suffolk
The Upstairs Gallery Lloyds Building, Exchange Square, Beccles
First And Second Floors, Exchange House, Exchange Square
Exchange House, Exchange Square, Beccles
Eccentricities Gifts, Exchange Square, Beccles
2 Hungate Lane, Beccles, Suffolk
5 New Market, Beccles, Suffolk
3 New Market, Beccles, Suffolk
No neighbour letters sent.

Further addresses may be added during the course of the planning application process.

Beccles Town Council
Clerk To Beccles Town Council
Town Hall
The Walk
Beccles
Suffolk
NR34 9AJ

Your ref:
Our ref: DC/26/3224/ADI
Date: 23 September 2026
Please ask for: Daniel Bailes
Direct dial: 01502 523022
Email: planning@eastsuffolk.gov.uk

Dear Sir/Madam,

Planning consultation

Application no.:	DC/26/3224/ADI
Proposal:	Illuminated Advertisement Consent - Installation of new internally-illuminated fascia sign, an externally-illuminated projecting sign, and an internally illuminated menu board
Site address:	Bank And Premises , Exchange Square, Beccles, Suffolk, NR34 9HH
Consultation letter expiry date:	14 October 2026
Link:	Public Access

A new consultation for application DC/26/3224/ADI has been received in your Public Access Consultee In-tray.

Please submit comments via Public Access **only**.

Note that all comments submitted, and any plans/drawings, photographs, visualisations, assessments or other materials submitted must comply with the East Suffolk Council Artificial Intelligence Policy. Particular regard must be given to paragraph 6.9 of that policy, including declaring where AI has been used in the creation or alteration of comments and items that are submitted, and how it has been used.

If an application is to be considered and determined via Planning Committee, in addition to the established Public Access and CMIS notifications, an email notification will be sent to all relevant ESC Ward Members, and the relevant Town and Parish Council(s). Third Parties and other

consultees will not be notified via email, and they will need to continue to check Public Access and CMIS to see if/when an application is scheduled for Planning Committee. The date of that meeting will be displayed on the 'Important Dates' Tab of the application on Public Access and a report with recommendation will be published at least five working days prior to the meeting at https://eastsuffolk.cmis.uk.com/eastsuffolk/Committees.aspx.

Further information on registering to speak at Planning Committee meetings and how to attend in person or watch via YouTube is published on the webpage for each meeting.

Yours faithfully,



Ben Woolnough MRTPI | Head of Planning and Building Control
East Suffolk Council

Properties which the Local Planning Authority has written to:

1 New Market, Beccles, Suffolk
10 Exchange Square, Beccles, Suffolk
The Upstairs Gallery Lloyds Building, Exchange Square, Beccles
First And Second Floors, Exchange House, Exchange Square
Exchange House, Exchange Square, Beccles
Eccentricities Gifts, Exchange Square, Beccles
2 Hungate Lane, Beccles, Suffolk
5 New Market, Beccles, Suffolk
3 New Market, Beccles, Suffolk
No neighbour letters sent.

Further addresses may be added during the course of the planning application process.

EASTSUFFOLK COUNCIL

Application for Listed Building Consent for alterations, extension or demolition of a listed building

Planning (Listed Buildings and Conservation Areas Act) 1990 (as amended)

Publication of applications on planning authority websites

Please note that the information provided on this application form and in supporting documents may be published on the Authority's website. If you require any further clarification, please contact the Authority's planning department.

Site Location

Disclaimer: We can only make recommendations based on the answers given in the questions.

If you cannot provide a postcode, the description of site location must be completed. Please provide the most accurate site description you can, to help locate the site - for example "field to the North of the Post Office".

Number

Suffix

Property Name

Bank And Premises

Address Line 1

Exchange Square

Address Line 2

Address Line 3

Suffolk

Town/city

Beccles

Postcode

NR34 9HH

Description of site location must be completed if postcode is not known:

Easting (x)

642211

Northing (y)

290321

Description

Applicant Details

Name/Company

Title

Mr

First name

Jon

Surname

Birtles

Company Name

Loungers UK Ltd

Address

Address line 1

26 Baldwin Street

Address line 2

Address line 3

Town/City

Bristol

County

Country

United Kingdom

Postcode

BS1 1SE

Are you an agent acting on behalf of the applicant?

- [x] Yes
- [ ] No

Applicant Contact Details

Primary number

Secondary number

Fax number

Email address

Agent Details

Name/Company

Title

Ms

First name

Florence

Surname

Wong

Company Name

Richard Pedlar Architects

Address

Address line 1

St. Brandon's House

Address line 2

29 Great George Street

Address line 3

Town/City

Bristol

County

Country

GB

Postcode

BS1 5QT

Contact Details

Primary number

***** REDACTED ******

Secondary number

Fax number

Email address

***** REDACTED ******

Description of Proposed Works

Please describe the proposals to alter, extend or demolish the listed building(s)

Installation of new internally-illuminated fascia sign, an externally-illuminated projecting sign, and an internally illuminated menu board

Has the development or work already been started without consent?

- ◯ Yes
- ⊘ No

Listed Building Grading

What is the grading of the listed building (as stated in the list of Buildings of Special Architectural or Historical Interest)?

- ◯ Don't know
- ◯ Grade I
- ◯ Grade II*
- ⊘ Grade II

Is it an ecclesiastical building?

- ◯ Don't know
- ◯ Yes
- ⊘ No

Demolition of Listed Building

Does the proposal include the partial or total demolition of a listed building?

- ◯ Yes
- ⊘ No

Related Proposals

Are there any current applications, previous proposals or demolitions for the site?

- [x] Yes
- [ ] No

If Yes, please describe and include the planning application reference number(s), if known

Advertisement Consent application submitted on 11th September 2026

Immunity from Listing

Has a Certificate of Immunity from Listing been sought in respect of this building?

- [ ] Yes
- [x] No

Listed Building Alterations

Do the proposed works include alterations to a listed building?

- [x] Yes
- [ ] No

If Yes, do the proposed works include

a) works to the interior of the building?

- [ ] Yes
- [x] No

b) works to the exterior of the building?

- [x] Yes
- [ ] No

c) works to any structure or object fixed to the property (or buildings within its curtilage) internally or externally?

- [x] Yes
- [ ] No

d) stripping out of any internal wall, ceiling or floor finishes (e.g. plaster, floorboards)?

- [ ] Yes
- [x] No

If the answer to any of these questions is Yes, please provide plans, drawings and photographs sufficient to identify the location, extent and character of the items to be removed. Also include the proposal for their replacement, including any new means of structural support, and state references for the plan(s)/drawing(s).

LNG5088.02A Existing Elevations
LNG5088.06- Proposed Signage
LNG5088.OS- Site Location Plan
LNG5088.BP- Block Plan
LNG5088.DAHS Design, Access and Heritage Statement

Materials

Does the proposed development require any materials to be used?

- [ ] Yes
- [x] No

Neighbour and Community Consultation

Have you consulted your neighbours or the local community about the proposal?

◯ Yes
⊘ No

Site Visit

Can the site be seen from a public road, public footpath, bridleway or other public land?

⊘ Yes
◯ No

If the planning authority needs to make an appointment to carry out a site visit, whom should they contact?

◯ The agent
⊘ The applicant
◯ Other person

Pre-application Advice

Has assistance or prior advice been sought from the local authority about this application?

◯ Yes
⊘ No

Authority Employee/Member

With respect to the Authority, is the applicant and/or agent one of the following:
(a) a member of staff
(b) an elected member
(c) related to a member of staff
(d) related to an elected member

It is an important principle of decision-making that the process is open and transparent.

For the purposes of this question, "related to" means related, by birth or otherwise, closely enough that a fair-minded and informed observer, having considered the facts, would conclude that there was bias on the part of the decision-maker in the Local Planning Authority.

Do any of the above statements apply?

◯ Yes
⊘ No

Ownership Certificates

Certificates under Regulation 6 - Planning (Listed Buildings and Conservation Areas) Regulations 1990

Please answer the following questions to determine which Certificate of Ownership you need to complete: A, B, C or D.

Is the applicant the sole owner of **all** the land to which this application relates; **and** has the applicant been the sole owner for more than 21 days?
E.g. All the land is owned by a single individual

◯ Yes
⊘ No

Is the land owned by multiple individuals where the details of all individuals are known by the Applicant?
E.g. The land is owned by 2 people and the applicant can provide details of those owners.

⊘ Yes
◯ No

Certificate Of Ownership - Certificate B

I certify/The applicant certifies that I have/the applicant has given the requisite notice to everyone else (as listed below) who, on the day 21 days before the date of this application, was the owner (owner is a person with a freehold interest or leasehold interest with at least 7 years left to run) of any part of the land or building to which this application relates.

Owner

Name of Owner:
***** REDACTED ******

House name:
Highbourne House

Number:

Suffix:

Address line 1:
13/15 Marylebone High Street

Address Line 2:

Town/City:
London

Postcode:
W1U 4NS

Date notice served (DD/MM/YYYY):
11/09/2026

Person Family Name:

Person Role

◯ The Applicant
⊘ The Agent

Title

First Name

Florence

Surname

Wong

Declaration Date

11/09/2026

☑ Declaration made

Declaration

I/We hereby apply for Listed building consent as described in the questions answered, details provided, and the accompanying plans/drawings and additional information.
I/We confirm that, to the best of my/our knowledge, any facts stated are true and accurate and any opinions given are the genuine opinions of the person(s) giving them.
I/We also accept that, in accordance with the Planning Portal's terms and conditions:
- Once submitted, this information will be made available to the Local Planning Authority and, once validated by them, be published as part of a public register and on the authority's website;
- Our system will automatically generate and send you emails in regard to the submission of this application.

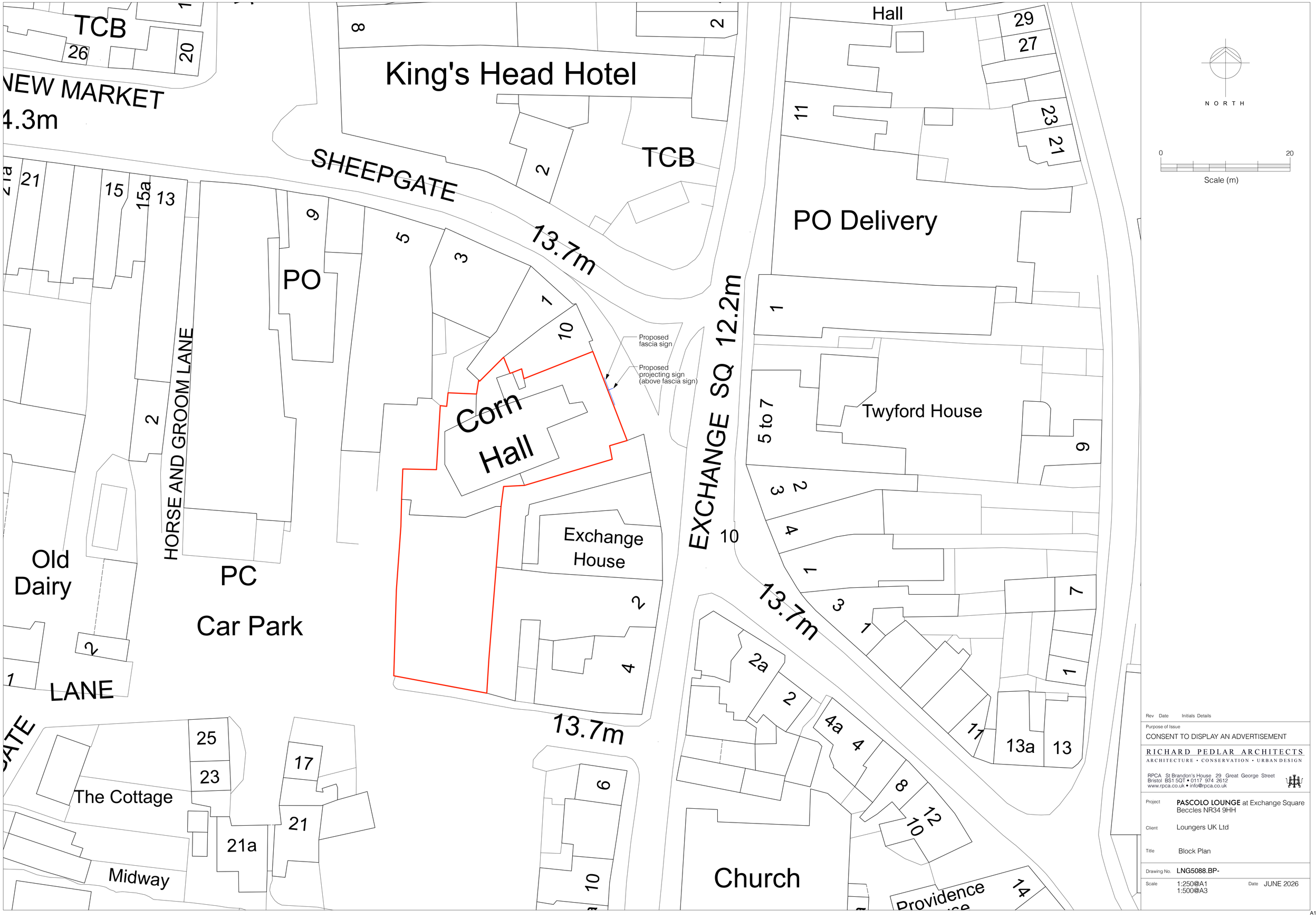
☑ I / We agree to the outlined declaration

Signed

Florence Wong

Date

11/09/2026



Rev	Date	Initials	Details

Purpose of Issue
CONSENT TO DISPLAY AN ADVERTISEMENT

RICHARD PEDLAR ARCHITECTS
ARCHITECTURE • CONSERVATION • URBAN DESIGN

RPCA St Brandon's House 29 Great George Street
Bristol BS1 5QT • 0117 974 2612
www.rpca.co.uk • info@rpca.co.uk

Project	**PASCOLO LOUNGE** at Exchange Square Beccles NR34 9HH
Client	Loungers UK Ltd
Title	Block Plan
Drawing No.	LNG5088.BP-
Scale	1:250@A1 1:500@A3
Date	JUNE 2026

A1

DESIGN, ACCESS & HERITAGE STATEMENT
including Lighting Assessment

for

New Signage at PASCOLO LOUNGE
Exchange Square
Beccles
NR34 9HH



Prepared on behalf of
Loungers UK Ltd.

prepared by

RICHARD PEDLAR ARCHITECTS

RPCA Limited, St Brandon's House, 29 Great George Street, Bristol BS1 5QT
Tel: 0117 9742612 Email: info@rpca.co.uk

September 2026 Our ref: LNG5088.DAHS (ADV)

CONTENTS

1.0 INTRODUCTION

2.0 CONTEXT

2.1 Description of Building & Setting
2.1.1 External Appearance
2.1.2 The Setting

2.2 Social & Economical
2.3 Relevant Planning Policy
2.4 Community Involvement

3.0 ASSESSMENT OF SIGNIFICANCE

3.1 Significance within the Conservation Area
3.2 Historical Significance
3.3 Architectural Significance

4.0 DESCRIPTION OF SIGNAGE PROPOSALS

4.1 Lighting Assessment
4.2 Fascia Sign
4.3 Hanging Sign
4.4 Menu Board

5.0 IMPACT OF THE PROPOSED DEVELOPMENT

5.1 Impact of the proposals on the Conservation Area
5.2 Impact of the proposals on the Historical Significance
5.3 Impact of the proposals on the Architectural Significance
5.4 Impact of the proposals on amenity and public safety

6.0 CONCLUSION

1.0 INTRODUCTION

Richard Pedlar Architects (RPA) has been appointed by Loungers Limited to prepare applications for Advertisement Consent and Listed Building Consent, in connection with the new tenancy at Exchange Square, Beccles, for a new 'Lounge' cafe/bar. This application solely concerns the provision of new signage in connection with proposed new occupancy of the building.

Relevant planning policies have been referred to in preparing the application proposals.

2.0 CONTEXT

2.1 Description of Existing Building & Setting

2.1.1 External Appearance

Exchange Square is located within Beccles town centre and comprises the former Lloyds Bank and Premises. The site falls within Beccles Conservation Area which itself lies in the north-eastern part of Suffolk.

This Grade II-listed, 3-storey building sits at the junction between Sheepgate and Exchange Square. It features a classically detailed 7-bay rendered front elevation with stone quoins at the corners. Two entrance doorways can be seen at ground floor level with arched windows on either side – 3no. to the left and 2no. to the right. The building can be accessed via the stone steps in front of the entrance doors. A ramp to the left-hand side of the building provides alternative step-free access. Timber sash windows with decorative surrounds can be seen on the first and second floor. There is an existing private car park adjoining the building to the south.

2.1.2 The Setting

The building sits within Beccles Conservation Area. It is one of many Listed Buildings in the Town Centre that help to create an attractive market town.

The unit immediate context is of a hard, urban landscape with a busy pedestrian and vehicle usage. The immediate vicinity is mixed use in character with shops, cafes and some office use. This adds to the eclectic mix of periods and styles of buildings within the area.

The property is currently vacant following the closure of Lloyds Bank in 2025. The proposed use will help integrate the building back into the life of the town.

2.2 Social & Economic

The proposed use as a Lounge will be a popular destination for locals of all ages, encouraging social interaction within the community. This use will complement the existing character of the area, will encourage an 'active frontage' and will strengthen the local shopping area.

The café bar will be open throughout the day and into the evening, will be food-led and will have a particular appeal to families - 'vertical drinking' is not encouraged. The café/bar will be operated by Loungers Limited, a successful Bristol-based company that is expanding its Lounge units and Cosy Club restaurants across the country. Loungers present a prestige offering and are experienced in dealing with listed buildings across the country. They have won awards for both the quality of their conversions and their product.

The Loungers group source produce from local suppliers wherever possible and this will benefit the local economy. The hiring of locally based staff and the increased footfall will inevitably aid the economy of nearby retail units, thus contributing to the economic sustainability of Beccles.

2.3 Relevant Planning Policy

The following planning policies are relevant to this development:

- The National Planning Policy Framework
- Planning Policy Guidance Note (PPG) 15: Planning and the Historic Environment
- Planning (Listed Buildings and Conservation Areas) Act 1990
- Waveney Local Plan - Policies WLP8.29 – Design, WLP8.37 – Historic Environment, WLP8.39 – Conservation Areas

2.4 Community Involvement

The community has not been consulted on the proposals.

3.0 ASSESSMENT OF SIGNIFICANCE

3.1 Significance within the Conservation Area

The premises occupied by Lloyds Bank at Exchange Square is an important element within Beccles Conservation Area. Its external form, design and materials contribute to the character of Conservation Area.

3.2 Historical Significance

Historically, the site operated as a Georgian theatre in the 1810s before its conversion into a corn exchange in 1840s. Lloyds Bank took over in the early 19th century. The building sits within the historic core of the town in Beccles Conservation Area and is surrounded by a significant number of listed buildings. It is also in close proximity to the Grade I listed Church of St Michael.

3.3 Architectural Significance

The Grade II Listed status gives the building importance architecturally.

Due to its Listing, the key conservation principle should be minimum intervention to the historic fabric. English Heritage gives the following guidance for designing in these circumstances:

- measures that avoid or minimize the need for alteration should be considered first
- alterations which adversely affect a property's special character should be avoided
- alterations should form part of a long-term strategy for use
- alterations should be reversible wherever possible

The design for the Listed Building Consent application has been carefully considered. The proposed new signage will permit the existing vacant building to be brought back into a viable, long-term re-use. The signage is sensitively detailed, positioned, and will be fully reversible. This enables us to demonstrate below that English Heritage guidance has been followed.

4.0 DESCRIPTION OF SIGNAGE PROPOSALS

4.1 Lighting Assessment

A Lighting Assessment is required because external illumination is proposed – however, no floodlighting is proposed. The proposed signage is to be as illustrated on the application drawings and comprises of the following:

- 1 set of internally illuminated powder coated metal lettering sign installed onto the existing fascia of the premises to the east elevation
- 1 no. externally illuminated hanging sign in the location of the former projecting sign
- 1 no. internally illuminated menu board in the location of the former ATM

It is proposed that the lighting will be switched on during Loungers normal opening hours of 9am-11pm daily (9am-midnight, Thursdays, Fridays and Saturdays).

4.2 Fascia Sign

These will comprise individual metal letters surfaced fixed to a rendered fascia, spelling out the words 'PASCOLO LOUNGE'. Each letter will have concealed soft halo illumination with illuminance of not more than 300.00cd/m. The style of lettering and the method of illumination have been carefully considered so the character and appearance of the building and the locality is not detracted.

4.3 Hanging Sign

This is to be a painted timber sign hung from painted steel gallows brackets fixed to the face of the building, in the location of the former projecting sign. The sign will be illuminated externally on both sides with soft lighting of illuminance of not more than 300.00cd/m.

4.4 Menu Board

This will be installed in the location of the former ATM - the lower part of the ground floor arched window located at the far right - as indicated on the application drawing. The menu board will be gently illuminated from within, in soft warm white, using concealed illumination of not more than 300 cd/m2.

5.0 IMPACT OF THE PROPOSED DEVELOPMENT

5.1 Impact of the proposals on the Conservation Area

The proposed signage is simply styled and subtly illuminated. It sits comfortably against the existing rendered façade and fits well within the Conservation Area and within the setting of the Listed Building.

Bringing the property back into use for the benefit of the public will add vitality to the Conservation Area and the Listed Building and provide an active frontage.

The proposals will therefore enhance the appearance of the building, retain and enhance its significance within the Conservation Area and have a positive impact on the immediate surrounding area by bringing it back into an active, public use throughout the day.

5.2 Impact of the proposals on the Historical Significance

The proposals will have no impact on the historical significance of the building.

5.3 Impact of the proposals on the Architectural Significance

The architectural significance of the exterior of the building is retained and will be enhanced under the proposals. The proposed new signage is sensitively detailed, and is fully reversible, and will therefore have no impact on the architectural significance of the building.

In summary the proposals will have an overall positive impact on the architectural significance of the building.

5.4 Impact of the proposals on amenity and public Safety

Paragraph 136 of the NPPF (2021) states:

The quality and character of places can suffer when advertisements are poorly sited and designed. A separate consent process within the planning system controls the display of advertisements, which should be operated in a way which is simple, efficient and effective. Advertisements should be subject to control only in the interests of amenity and public safety, taking account of cumulative impacts.

The proposed new signage is sensitively detailed and positioned and will have contribute positively to the local built environment. It will not have an appreciable impact on the building and will have no impact on amenity and public safety.

6.0 CONCLUSION

This application is for Advertisement Consent and Listed Building Consent applications for new signage at Exchange Square, Beccles.

- The building is important in terms of its heritage significance and its contribution to the appearance of Beccles Town Centre.

- The design of the proposed signage complements the aesthetics of the host building. It has been sensitively designed and will be softly illuminated. Its design is in keeping with the street scene and the character and appearance of the building, and the visual amenity of the Beccles Conservation Area. It will enable the existing building to be brought back into a viable, long-term use. The signage proposals are an essential part of achieving this.

- The proposal is in keeping with national guidance on advertisements under the National Planning Policy Framework and Waveney Local Plan Policies on Design, Historic Environment and Conservation Areas.

- The proposed use of the unit within Beccles Town Centre, being opened to the public both during the day and at evenings as a family friendly, food-led operation, provides a true public benefit in re-vitalising the asset, and enlivening the venue.

- The re-vitalisation of an existing building within a prominent location will also contribute positively both economically and socially to the Listed Building, the Conservation Area and the town more generally.

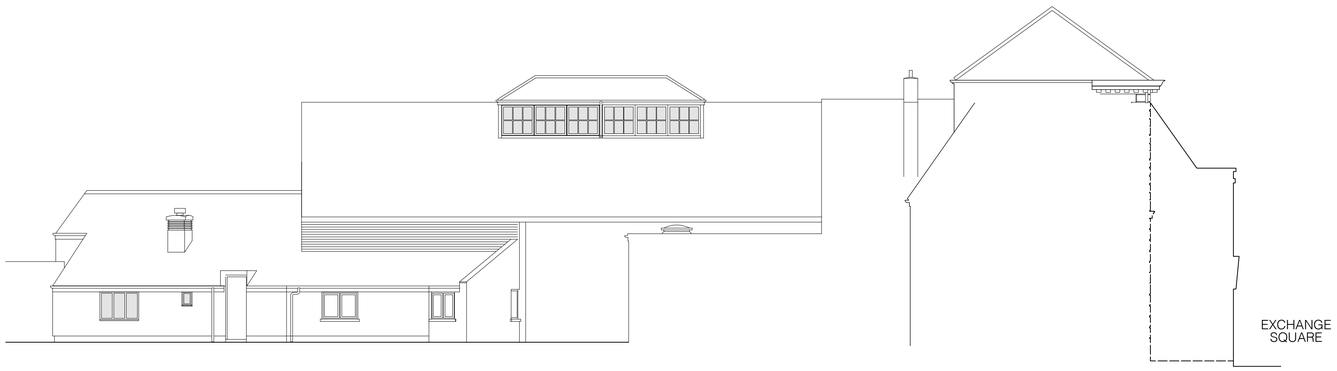
We therefore conclude that the proposals will have a positive impact both on the heritage asset and the surrounding Conservation Area and complies with the stated policy objectives of the NPPF, and Local Planning Policies. They should therefore be considered favourably.



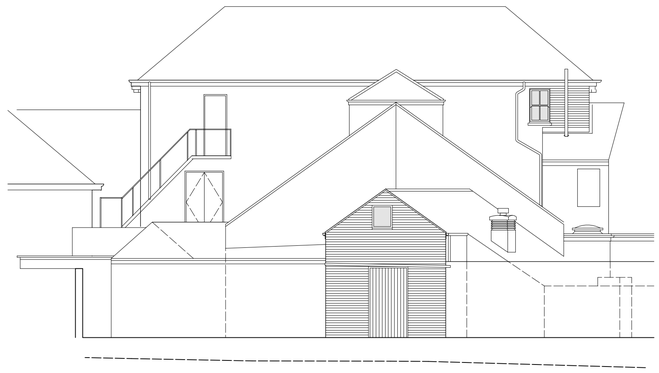
EAST - FRONT - ELEVATION ONTO EXCHANGE SQUARE
1:50@A1, 1:100



NORTH - SIDE - ELEVATION - 1:50@A1, 1:100



SOUTH - SIDE - ELEVATION ONTO YARD
1:50@A1, 1:100



WEST - REAR - ELEVATION ONTO HUNGATE CAR PARK
1:50@A1, 1:100



Rev	Date	Initials	Details
A	21.07.26	DR	amended; PL issue

Purpose of Issue
AS EXISTING

RICHARD PEDLAR ARCHITECTS
ARCHITECTURE • CONSERVATION • URBAN DESIGN

RPCA St Brandon's House 29 Great George Street
Bristol BS1 5QT • 0117 974 2612
www.rpca.co.uk • info@rpca.co.uk

Project **LOUNGE** at Exchange Square
Beccles NR34 9HH

Client Loungers UK Ltd

Title Existing Elevations

Drawing No. LNG5088.02A

Scale 1:100 @A1
1:200 @ A3

Date JUNE 2026

Responsibility is not accepted for errors made by others in scaling from this drawing. All construction information to be taken from figured dimensions only.

Date printed: 23 September 2026

Neighbour consultations

Address	Date consulted
1 New Market, Beccles, Suffolk	23 September 2026
10 Exchange Square, Beccles, Suffolk	23 September 2026
The Upstairs Gallery Lloyds Building, Exchange Square, Beccles	23 September 2026
First And Second Floors, Exchange House, Exchange Square	23 September 2026
Exchange House, Exchange Square, Beccles	23 September 2026
Eccentricities Gifts, Exchange Square, Beccles	23 September 2026
2 Hungate Lane, Beccles, Suffolk	23 September 2026
5 New Market, Beccles, Suffolk	23 September 2026
3 New Market, Beccles, Suffolk	23 September 2026

Further addresses may be added during the planning application process.

Consultees

Consultee	Date consulted
East Suffolk Design And Heritage	23 September 2026
Beccles Town Council	23 September 2026

Further consultees may be added during the planning application process.

Beccles Town Council
Clerk To Beccles Town Council
Town Hall
The Walk
Beccles
Suffolk
NR34 9AJ

Your ref:
Our ref: DC/26/3546/TPO
Date: 13 October 2026
Please ask for: Richard Fox
Direct dial:
Email: planning@eastsuffolk.gov.uk

Dear Sir/Madam,

Planning consultation

Application no.:	DC/26/3546/TPO
Proposal:	1no. Copper Beech (marked T1 on submitted plan) - Reduce whole crown by 2m 1no. Yew (marked T2 on submitted plan) - Reduce whole crown by 1m
Site address:	Underhill , 27A Puddingmoor, Beccles, Suffolk, NR34 9PJ
Consultation letter expiry date:	3 November 2026
Link:	Public Access

A new consultation for application DC/26/3546/TPO has been received in your Public Access Consultee In-tray.

Please submit comments via Public Access **only**.

Note that all comments submitted, and any plans/drawings, photographs, visualisations, assessments or other materials submitted must comply with the East Suffolk Council Artificial Intelligence Policy. Particular regard must be given to paragraph 6.9 of that policy, including declaring where AI has been used in the creation or alteration of comments and items that are submitted, and how it has been used.

If an application is to be considered and determined via Planning Committee, in addition to the established Public Access and CMIS notifications, an email notification will be sent to all relevant ESC Ward Members, and the relevant Town and Parish Council(s). Third Parties and other

consultees will not be notified via email, and they will need to continue to check Public Access and CMIS to see if/when an application is scheduled for Planning Committee. The date of that meeting will be displayed on the 'Important Dates' Tab of the application on Public Access and a report with recommendation will be published at least five working days prior to the meeting at https://eastsuffolk.cmis.uk.com/eastsuffolk/Committees.aspx.

Further information on registering to speak at Planning Committee meetings and how to attend in person or watch via YouTube is published on the webpage for each meeting.

Yours faithfully,



Ben Woolnough MRTPI | Head of Planning and Building Control
East Suffolk Council

EASTSUFFOLK COUNCIL

Application for Tree Works: Works to Trees Subject to a Tree Preservation Order (TPO) and/or Notification of Proposed Works to Trees in a Conservation Area

Town and Country Planning Act 1990 (as amended)

Publication of applications on planning authority websites

Please note that the information provided on this application form and in supporting documents may be published on the Authority's website. If you require any further clarification, please contact the Authority's planning department.

Tree Location

Please provide the address of the site where the tree(s) stands (full address if possible)

Number: 27

Suffix: A

Property Name: Underhill

Address Line 1: Puddingmoor

Address Line 2:

Address Line 3: Suffolk

Town/city: Beccles

Postcode: NR34 9PJ

Description of site location must be completed if postcode is not known:

Easting (x): 641991

Northing (y): 290249

If the location is unclear or there is not a full postal address, describe as clearly as possible where it is

(for example, 'Land to rear of 12 to 18 High Street' or 'Woodland adjoining Elm Road')

Applicant Details

Name/Company

Title

Mrs

First name

Sandra

Surname

Crome

Company Name

Address

Address line 1

27 A Underhill Puddingmoor

Address line 2

Address line 3

Town/City

Beccles

County

Suffolk

Country

GB

Postcode

NR34 9PJ

Are you an agent acting on behalf of the applicant?

◯ Yes
⊘ No

Applicant Contact Details

Primary number

***** REDACTED ******

Secondary number

Fax number

Email address

***** REDACTED ******

What Are You Applying For?

Based on the type of work proposed and the location and protected status of the trees involved, there are various details and supporting information that will need to be supplied in order for the Local Planning Authority to determine the application.

Are you seeking consent for works to tree(s) subject to a Tree Preservation Order?

- [x] Yes
- [ ] No

Do you know the Tree Preservation Order reference number(s)?

- [x] Yes
- [ ] No

Please enter the title or number for each relevant Tree Preservation Order

46

Please indicate whether the reasons for carrying out the proposed works include any of the following.

If so, your application MUST be accompanied by the necessary evidence to support your proposals (see guidance notes for further details).

Condition of the tree(s) - e.g. it is diseased or you have fears that it might break or fall

- [ ] Yes
- [x] No

Alleged damage to property - e.g. subsidence or damage to drains or drives.

- [ ] Yes
- [x] No

Are you wishing to carry out works to tree(s) in a conservation area?

- [x] Yes
- [ ] No

Documents and plans (for any tree)

A sketch plan clearly showing the position of trees listed in the question 'Identification of Tree(s) and Description of Works' MUST be provided when applying for works to trees covered by a Tree Preservation Order.

A sketch plan is also advised when notifying the LPA of works to trees in a conservation area (see guidance notes).

It would also be helpful if you provided details of any advice given on site by an LPA officer.

Are you providing additional information in support of your application (e.g. an additional schedule of work for the question 'Identification of Tree(s) and Description of Works')?

- [ ] Yes
- [x] No

Identification of Tree(s) and Description of Works

Identification of Tree(s) and Description of Works

Please identify the tree(s) and provide a full and clear specification of the works you want to carry out

Copper Beech and Yew trees on TPO 46.
On the attached plan the Beech is identified as T1 and Yew is T2.

I need permission to reduce branches across the crown of my 35 year old Copper Beech by 2 metres, planted in 1990, which as required, replace the Beech which died when my house was built. It is now much grown and mingling with other trees in the garden, which may become problematic to their growth.

In addition, to shape the Yew tree appropriate to its future potential to thrive, currently mingling with the Sycamore. Estimate 1m across the Yew tree crown.

The plot (previously known as Poughers Pightle) rises steeply to Ballygate and has full grown specimens of Scots Pine, Sycamore, Yew and Monterey Cyprus, all identified on the attached plan.
Note bordering property has an oak and horse chestnut tree which compete for space with the copper beech on my property.

You might find it useful to contact an arborist (tree surgeon) for help with defining appropriate work.

Where trees are protected by a Tree Preservation Order, please number them as shown in the First Schedule to the Tree Preservation Order where this is available. You should use the same numbering on your sketch plan (see below for sketch plan requirements).

Please provide the following information:

- Tree species
- The number used on the sketch plan; and
- A description of the proposed works.

Where trees are protected by a Tree Preservation Order you must also provide:

- Reasons for the work; and where trees are being felled
- Proposals for planting replacement trees (including quantity, species, position and size) or reasons for not wanting to replant.

e.g. Oak (T3) – Whole crown reduction to 12m above ground level, to provide sufficient clearance to property.

Sketch plan requirements

Your plan needs to show the precise location of the tree(s) in relation to nearby property/roads/boundaries. It should, therefore:

- indicate the main features of the site where the tree(s) stand and its surroundings; in particular, you should:
  - mark and name surrounding roads
  - sketch in buildings, including adjoining properties
  - add house numbers or names
- mark the position of the tree(s) to which you want to carry out work and identify them by the number shown in the Tree Preservation Order where possible; if you use a different number, please make sure that this can be matched with your description of the tree(s)
- if there are many trees on the site, make clear which tree(s) are included in this application by:
  - marking all trees on the plan, but only numbering those to which you want to carry out work
  - showing the approximate distance between the application tree(s) and buildings
  - adding other relevant features on the site (e.g. greenhouse, paths)

If it is impossible to identify the tree(s) accurately on the plan (e.g. because they are part of a woodland or group of trees), please identify their approximate location on the plan and provide details of how the tree(s) are marked on site (e.g. high visibility tape, tree tags, paint, etc); trees must not be marked by scarring or cutting into the bark.

Tree Ownership

Is the applicant the owner of the tree(s)?

- ☑ Yes
- ○ No

Authority Employee/Member

With respect to the Authority, is the applicant and/or agent one of the following:
(a) a member of staff
(b) an elected member
(c) related to a member of staff
(d) related to an elected member

It is an important principle of decision-making that the process is open and transparent.

For the purposes of this question, "related to" means related, by birth or otherwise, closely enough that a fair-minded and informed observer, having considered the facts, would conclude that there was bias on the part of the decision-maker in the Local Planning Authority.

Do any of the above statements apply?

◯ Yes
⊘ No

Declaration

I/We hereby apply for Tree works: Trees in conservation areas/subject to TPOs as described in the questions answered, details provided, and the accompanying plans/drawings and additional information.
I/We confirm that, to the best of my/our knowledge, any facts stated are true and accurate and any opinions given are the genuine opinions of the person(s) giving them.
I/We also accept that, in accordance with the Planning Portal's terms and conditions:
- Once submitted, this information will be made available to the Local Planning Authority and, once validated by them, be published as part of a public register and on the authority's website;
- Our system will automatically generate and send you emails in regard to the submission of this application.

☑ I / We agree to the outlined declaration

Signed

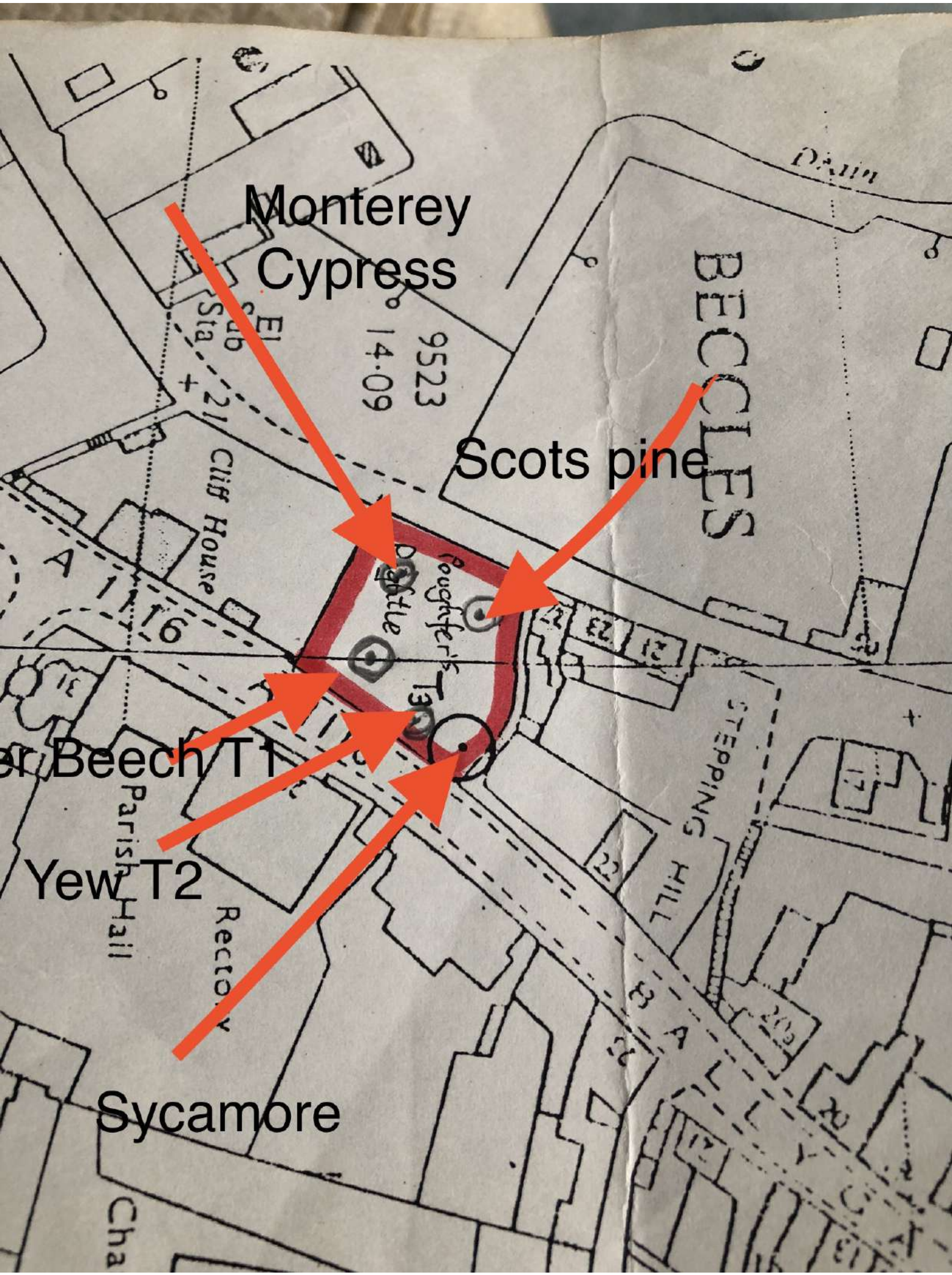
Sandra Crome

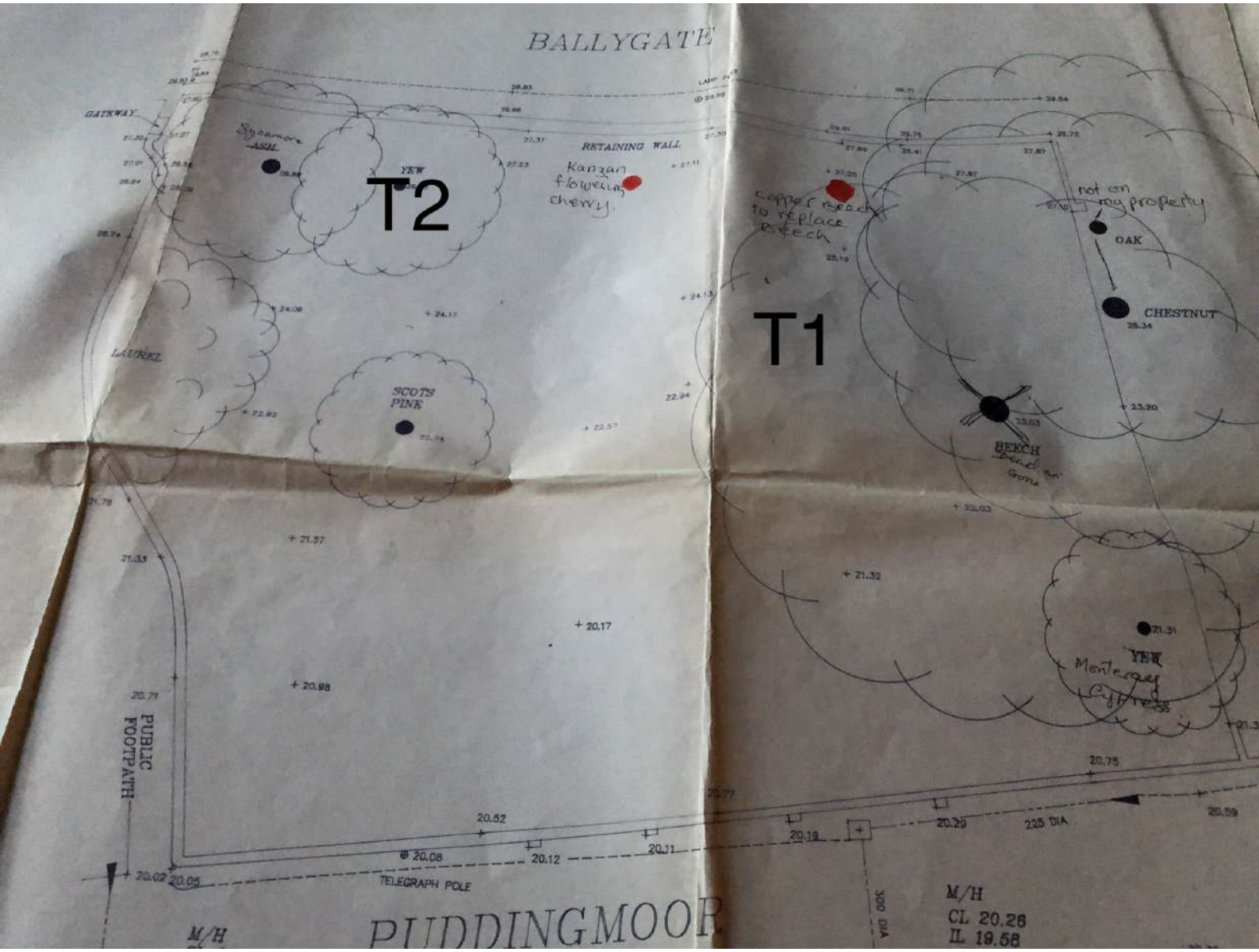
Date

10/10/2026


Copper Beech


Copper Beech


Monterey Cypress
Scots pine
Beech T1
Yew T2
Sycamore
BECCLES
Cliff House
Parish Hall
Rectory
Stepping Hill
Slaughter's
Castle
T3
T2
A 1116
9523
14.09


BALLYGATE
T2
T1
Sycamore
ASH
YEW
RETAINING WALL
Kanzan
flowering
cherry.
GATEWAY
LAUREL
SCOTS
PINE
copper beech
to replace
beech
not on
my property
OAK
CHESTNUT
BEECH
Dead or
Gone
YEW
Monterey
Cypress
PUBLIC
FOOTPATH
TELEGRAPH POLE
225 DIA
300 DIA
M/H
CL 20.26
IL 19.58
PUDDINGMOOR


Yew

Beccles Town Council
Clerk To Beccles Town Council
Town Hall
The Walk
Beccles
Suffolk
NR34 9AJ

Your ref:
Our ref: DC/26/3564/TPO
Date: 14 October 2026
Please ask for: A Case Officer will be allocated in two working days, please check Public Access for details.
Direct dial: 01394 444832
Email: planning@eastsuffolk.gov.uk

Dear Sir/Madam,

Planning consultation

Application no.:	DC/26/3564/TPO
Proposal:	TPO/018/2021 - A1 - Carry out all works as recommended within the submitted Tree Report from ESSL (all trees marked on submitted site plan)
Site address:	4 The Spinney , Beccles, Suffolk, NR34 7DF,
Consultation letter expiry date:	4 November 2026
Link:	Public Access

A new consultation for application DC/26/3564/TPO has been received in your Public Access Consultee In-tray.

Please submit comments via Public Access **only**.

Note that all comments submitted, and any plans/drawings, photographs, visualisations, assessments or other materials submitted must comply with the East Suffolk Council Artificial Intelligence Policy. Particular regard must be given to paragraph 6.9 of that policy, including declaring where AI has been used in the creation or alteration of comments and items that are submitted, and how it has been used.

If an application is to be considered and determined via Planning Committee, in addition to the established Public Access and CMIS notifications, an email notification will be sent to all relevant ESC Ward Members, and the relevant Town and Parish Council(s). Third Parties and other

consultees will not be notified via email, and they will need to continue to check Public Access and CMIS to see if/when an application is scheduled for Planning Committee. The date of that meeting will be displayed on the 'Important Dates' Tab of the application on Public Access and a report with recommendation will be published at least five working days prior to the meeting at https://eastsuffolk.cmis.uk.com/eastsuffolk/Committees.aspx.

Further information on registering to speak at Planning Committee meetings and how to attend in person or watch via YouTube is published on the webpage for each meeting.

Yours faithfully,



Ben Woolnough MRTPI | Head of Planning and Building Control
East Suffolk Council

EASTSUFFOLK COUNCIL

Application for Tree Works: Works to Trees Subject to a Tree Preservation Order (TPO) and/or Notification of Proposed Works to Trees in a Conservation Area

Town and Country Planning Act 1990 (as amended)

Publication of applications on planning authority websites

Please note that the information provided on this application form and in supporting documents may be published on the Authority's website. If you require any further clarification, please contact the Authority's planning department.

Tree Location

Please provide the address of the site where the tree(s) stands (full address if possible)

Number: 4

Suffix:

Property Name:

Address Line 1: The Spinney

Address Line 2:

Address Line 3: Suffolk

Town/city: Beccles

Postcode: NR34 7DF

Description of site location must be completed if postcode is not known:

Easting (x): 643241

Northing (y): 289770

If the location is unclear or there is not a full postal address, describe as clearly as possible where it is

(for example, 'Land to rear of 12 to 18 High Street' or 'Woodland adjoining Elm Road')

Applicant Details

Name/Company

Title

First name

Surname

NONE

Company Name

The Spinney Land Management Group LTD

Address

Address line 1

4 The Spinney

Address line 2

Address line 3

Town/City

Beccles

County

Suffolk

Country

Postcode

NR34 7DF

Are you an agent acting on behalf of the applicant?

- ☑ Yes
- ○ No

Applicant Contact Details

Primary number

Secondary number

Fax number

Email address

Agent Details

Name/Company

Title

First name

Robert

Surname

Slarke

Company Name

East Suffolk Services

Address

Address line 1

Rotterdam Road

Address line 2

Address line 3

Town/City

Lowestoft

County

Country

GB

Postcode

NR32 2EF

Contact Details

Primary number

***** REDACTED ******

Secondary number

Fax number

Email address

***** REDACTED ******

What Are You Applying For?

Based on the type of work proposed and the location and protected status of the trees involved, there are various details and supporting information that will need to be supplied in order for the Local Planning Authority to determine the application.

Are you seeking consent for works to tree(s) subject to a Tree Preservation Order?

- [x] Yes
- [ ] No

Do you know the Tree Preservation Order reference number(s)?

- [x] Yes
- [ ] No

Please enter the title or number for each relevant Tree Preservation Order

East Suffolk Council TREE PRESERVATION ORDER No. 018/2021 The Spinney, Beccles

Please indicate whether the reasons for carrying out the proposed works include any of the following.

If so, your application MUST be accompanied by the necessary evidence to support your proposals (see guidance notes for further details).

Condition of the tree(s) - e.g. it is diseased or you have fears that it might break or fall

- [ ] Yes
- [x] No

Alleged damage to property - e.g. subsidence or damage to drains or drives.

- [ ] Yes
- [x] No

Are you wishing to carry out works to tree(s) in a conservation area?

- [ ] Yes
- [x] No

Documents and plans (for any tree)

A sketch plan clearly showing the position of trees listed in the question 'Identification of Tree(s) and Description of Works' MUST be provided when applying for works to trees covered by a Tree Preservation Order.

A sketch plan is also advised when notifying the LPA of works to trees in a conservation area (see guidance notes).

It would also be helpful if you provided details of any advice given on site by an LPA officer.

Are you providing additional information in support of your application (e.g. an additional schedule of work for the question 'Identification of Tree(s) and Description of Works')?

☑ Yes
○ No

If Yes, please provide the reference numbers of plans, documents, professional reports, photographs etc in support of your application

The Spinney, Worlingham.

Identification of Tree(s) and Description of Works

Please identify the tree(s) and provide a full and clear specification of the works you want to carry out

work as per the attached report

You might find it useful to contact an arborist (tree surgeon) for help with defining appropriate work.

Where trees are protected by a Tree Preservation Order, please number them as shown in the First Schedule to the Tree Preservation Order where this is available. You should use the same numbering on your sketch plan (see below for sketch plan requirements).

Please provide the following information:

- Tree species
- The number used on the sketch plan; and
- A description of the proposed works.

Where trees are protected by a Tree Preservation Order you must also provide:

- Reasons for the work; and where trees are being felled
- Proposals for planting replacement trees (including quantity, species, position and size) or reasons for not wanting to replant.

e.g. Oak (T3) – Whole crown reduction to 12m above ground level, to provide sufficient clearance to property.

Sketch plan requirements

Your plan needs to show the precise location of the tree(s) in relation to nearby property/roads/boundaries. It should, therefore:

- indicate the main features of the site where the tree(s) stand and its surroundings; in particular, you should:
  - mark and name surrounding roads
  - sketch in buildings, including adjoining properties
  - add house numbers or names
- mark the position of the tree(s) to which you want to carry out work and identify them by the number shown in the Tree Preservation Order where possible; if you use a different number, please make sure that this can be matched with your description of the tree(s)
- if there are many trees on the site, make clear which tree(s) are included in this application by:
  - marking all trees on the plan, but only numbering those to which you want to carry out work
  - showing the approximate distance between the application tree(s) and buildings
  - adding other relevant features on the site (e.g. greenhouse, paths)

If it is impossible to identify the tree(s) accurately on the plan (e.g. because they are part of a woodland or group of trees), please identify their approximate location on the plan and provide details of how the tree(s) are marked on site (e.g. high visibility tape, tree tags, paint, etc); trees must not be marked by scarring or cutting into the bark.

Tree Ownership

Is the applicant the owner of the tree(s)?

☑ Yes
○ No

Authority Employee/Member

With respect to the Authority, is the applicant and/or agent one of the following:
(a) a member of staff
(b) an elected member
(c) related to a member of staff
(d) related to an elected member

It is an important principle of decision-making that the process is open and transparent.

For the purposes of this question, "related to" means related, by birth or otherwise, closely enough that a fair-minded and informed observer, having considered the facts, would conclude that there was bias on the part of the decision-maker in the Local Planning Authority.

Do any of the above statements apply?

◯ Yes
⊘ No

Declaration

I/We hereby apply for Tree works: Trees in conservation areas/subject to TPOs as described in the questions answered, details provided, and the accompanying plans/drawings and additional information.
I/We confirm that, to the best of my/our knowledge, any facts stated are true and accurate and any opinions given are the genuine opinions of the person(s) giving them.
I/We also accept that, in accordance with the Planning Portal's terms and conditions:
- Once submitted, this information will be made available to the Local Planning Authority and, once validated by them, be published as part of a public register and on the authority's website;
- Our system will automatically generate and send you emails in regard to the submission of this application.

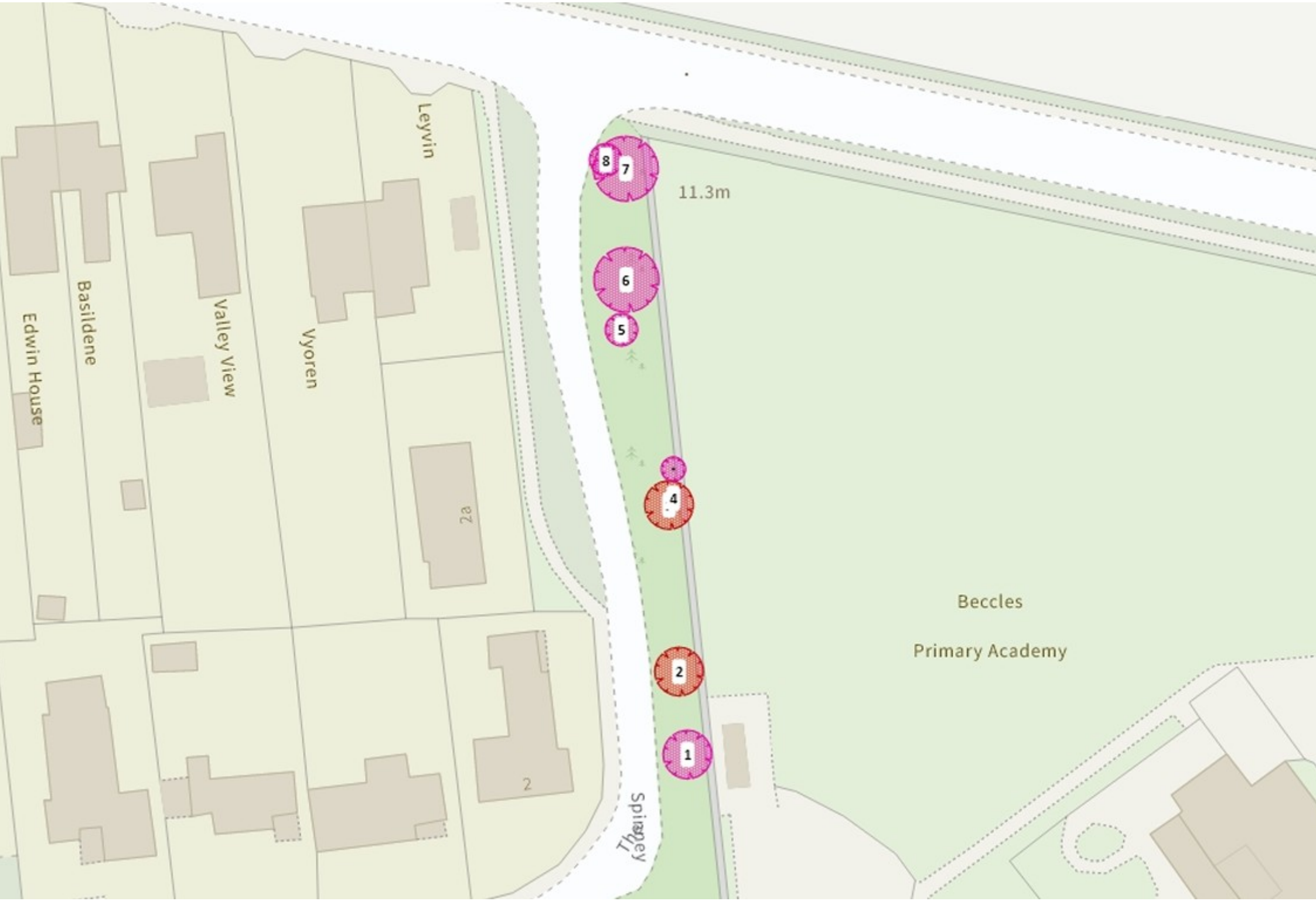
☑ I / We agree to the outlined declaration

Signed

Robert Slarke

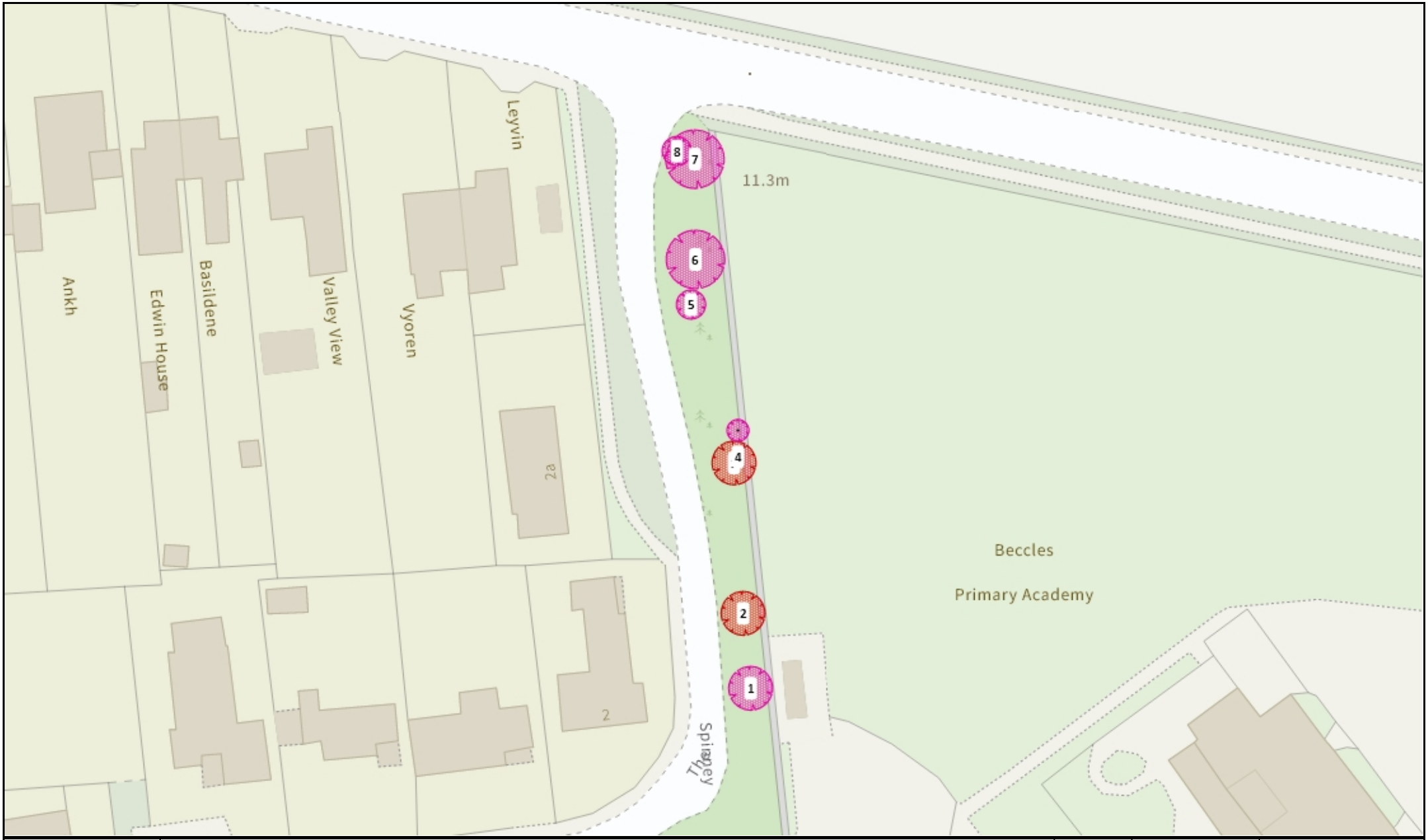
Date

12/10/2026


Leywin
Basildene
Valley View
Vyoren
Edwin House
2a
2
11.3m
8
7
6
5
4
2
1
Beccles
Primary Academy
Thorpey
Spinney

Seq No	Common Name	what3words	Height(m)	Spread(m (d))	Age	Condition	Conditions	Recommendations	Recom Due Date
Location: Beccles & Worlingham									
2	Sycamore	///homecare.juggler.idea	15	6	Mature		· Crown - Ivy/climber · Trunk - Weak Unions · Trunk - Ivy/Climber	· Cut Ivy	08/10/2026
3	European Larch	///spooked.geese.clotting	13	6	Mature		· Crown - Broken Hanging Branches	· Remove broken branch	08/10/2026
4	European Larch	///derailed.tonality.regress	8	3	Mature		· Crown - Dead · Crown - Ivy/climber · Trunk - Ivy/Climber	· Section Fell single tree	10/12/2026
5	European Larch	///luck.glee.remarried	8	4	Mature		· Trunk - Leaning	· Section Fell single tree	11/03/2027
6	Corsican Pine	///greet.iceberg.defenders	16	8	Mature		· Crown - Major Deadwood >100mm · Crown - Minor Deadwood < 100mm	· Remove Deadwood	09/09/2027
7	Corsican Pine	///spans.dates.combines	18	8	Mature		· Crown - Major Deadwood >100mm · Crown - Minor Deadwood < 100mm	· Remove Deadwood	09/09/2027
8	Scots Pine	///spans.dates.combines	17	4	Mature		· Crown - Thin foliage · Trunk - Weak Unions	· Re-inspect	09/09/2027
1	Corsican Pine	///reassured.barrel.eyelash	15	6	Mature		· Crown - Minor Deadwood < 100mm · Crown - Low Branches	· Crown Lift - Highway	09/09/2027

Overall Total: 8 trees



Beccles & Worlingham

Scale	**1: 177**
Date	**12/10/2026**

EASTSUFFOLK COUNCIL

© Crown copyright and database rights 2026 OS AC0000814647/ © OpenStreetMap contributors

N W E S

Seq: 1



10/09/2026:

Seq: 2



10/09/2026:

Seq: 2



10/09/2026: Trunk - Weak Unions

Seq: 3



10/09/2026:

Seq: 3



10/09/2026: Crown - Broken Hanging Branches

Seq: 4



10/09/2026:

Seq: 5



10/09/2026:

Seq: 6



10/09/2026:

Seq: 7



10/09/2026:

Seq: 8



10/09/2026:

Seq: 8



10/09/2026: Trunk - Weak Unions

Seq: 8



10/09/2026: Crown - Thin foliage

Beccles Town Council
Clerk To Beccles Town Council
Town Hall
The Walk
Beccles
Suffolk
NR34 9AJ

Your ref:
Our ref: DC/26/3571/FUL
Date: 15 October 2026
Please ask for: Mr Timothy Warnes
Direct dial: 01502 523020
Email: planning@eastsuffolk.gov.uk

Dear Sir/Madam,

Planning consultation

Application no.:	DC/26/3571/FUL
Proposal:	Installation of X2 new AC condenser units to rear flat roof area. New shopfront signage. Repairs & redecoration of shopfront.
Site address:	2A The Walk, Beccles, Suffolk, NR34 9AJ,
Consultation letter expiry date:	5 November 2026
Link:	Public Access

A new consultation for application DC/26/3571/FUL has been received in your Public Access Consultee In-tray.

Please submit comments via Public Access **only**.

Note that all comments submitted, and any plans/drawings, photographs, visualisations, assessments or other materials submitted must comply with the East Suffolk Council Artificial Intelligence Policy. Particular regard must be given to paragraph 6.9 of that policy, including declaring where AI has been used in the creation or alteration of comments and items that are submitted, and how it has been used.

If an application is to be considered and determined via Planning Committee, in addition to the established Public Access and CMIS notifications, an email notification will be sent to all relevant ESC Ward Members, and the relevant Town and Parish Council(s). Third Parties and other consultees will not be notified via email, and they will need to continue to check Public Access and

CMIS to see if/when an application is scheduled for Planning Committee. The date of that meeting will be displayed on the 'Important Dates' Tab of the application on Public Access and a report with recommendation will be published at least five working days prior to the meeting at https://eastsuffolk.cmis.uk.com/eastsuffolk/Committees.aspx.

Further information on registering to speak at Planning Committee meetings and how to attend in person or watch via YouTube is published on the webpage for each meeting.

Yours faithfully,



Ben Woolnough MRTPI | Head of Planning and Building Control
East Suffolk Council

Properties which the Local Planning Authority has written to:

3 The Walk, Beccles, Suffolk
2 The Walk, Beccles, Suffolk
8 Smallgate, Beccles, Suffolk
No neighbour letters sent.

Further addresses may be added during the course of the planning application process.

EASTSUFFOLK COUNCIL

Application for Planning Permission; Listed Building Consent for alterations, extension or demolition of a listed building

Town and Country Planning Act 1990 (as amended); Planning (Listed Buildings and Conservation Areas Act) 1990 (as amended)

Publication of applications on planning authority websites

Please note that the information provided on this application form and in supporting documents may be published on the Authority's website. If you require any further clarification, please contact the Authority's planning department.

Site Location

Disclaimer: We can only make recommendations based on the answers given in the questions.

If you cannot provide a postcode, the description of site location must be completed. Please provide the most accurate site description you can, to help locate the site - for example "field to the North of the Post Office".

Number: 2

Suffix: A

Property Name:

Address Line 1: The Walk

Address Line 2:

Address Line 3: Suffolk

Town/city: Beccles

Postcode: NR34 9AJ

Description of site location must be completed if postcode is not known:

Easting (x): 642160

Northing (y): 290439

Description

Applicant Details

Name/Company

Title

First name

Surname

Specsavers

Company Name

Specsavers Optical Stores UK

Address

Address line 1

Cirrus House

Address line 2

10 Experian Way

Address line 3

Town/City

Nottingham

County

Country

United Kingdom

Postcode

NG2 1EP

Are you an agent acting on behalf of the applicant?

- [x] Yes
- [ ] No

Applicant Contact Details

Primary number

***** REDACTED ******

Secondary number

Fax number

Email address

***** REDACTED ******

Agent Details

Name/Company

Title

First name

-

Surname

Fisch Planning

Company Name

Fisch Design

Address

Address line 1

Fisch Design Ltd

Address line 2

Unit 1 Heritage Business Centre

Address line 3

Derby Road

Town/City

Belper

County

Country

GB

Postcode

DE56 1SW

Contact Details

Primary number

***** REDACTED ******

Secondary number

Fax number

Email address

***** REDACTED ******

Description of the Proposal

Please note in regard to:

- **Fire Statements** - From 1 August 2021, planning applications for buildings of over 18 metres (or 7 stories) tall containing more than one dwelling will require a 'Fire Statement' for the application to be considered valid. There are some exemptions. View government planning guidance on fire statements or access the fire statement template and guidance.
- **Permission In Principle** - If you are applying for Technical Details Consent on a site that has been granted Permission In Principle, please include the relevant details in the description below.
- **Public Service Infrastructure** - From 1 August 2021, applications for certain public service infrastructure developments will be eligible for faster determination timeframes. See help for further details or view government planning guidance on determination periods.

Description

Please describe details of the proposed development or works including details of proposals to alter, extend or demolish the listed building(s)

Proposed installation of X2 new AC condenser units to rear flat roof area. New shopfront signage. Repairs & redecoration of shopfront.

Has the development or work already been started without consent?

◯ Yes
⊘ No

Listed Building Grading

What is the grading of the listed building (as stated in the list of Buildings of Special Architectural or Historical Interest)?

◯ Don't know
◯ Grade I
◯ Grade II*
⊘ Grade II

Is it an ecclesiastical building?

◯ Don't know
◯ Yes
⊘ No

Demolition of Listed Building

Does the proposal include the partial or total demolition of a listed building?

◯ Yes
⊘ No

Immunity from Listing

Has a Certificate of Immunity from Listing been sought in respect of this building?

◯ Yes
⊘ No

Listed Building Alterations

Do the proposed works include alterations to a listed building?

◯ Yes
⊘ No

Materials

Does the proposed development require any materials to be used?

◯ Yes
⊘ No

Site Area

What is the measurement of the site area? (numeric characters only).

220.00

Unit

Sq. metres

Existing Use

Please describe the current use of the site

Retail, to remain as such.

Is the site currently vacant?

◯ Yes
⊘ No

Does the proposal involve any of the following? If Yes, you will need to submit an appropriate contamination assessment with your application.

Land which is known to be contaminated

◯ Yes
⊘ No

Land where contamination is suspected for all or part of the site

◯ Yes
⊘ No

A proposed use that would be particularly vulnerable to the presence of contamination

◯ Yes
⊘ No

Pedestrian and Vehicle Access, Roads and Rights of Way

Is a new or altered vehicular access proposed to or from the public highway?

◯ Yes
⊘ No

Is a new or altered pedestrian access proposed to or from the public highway?

◯ Yes
⊘ No

Are there any new public roads to be provided within the site?

◯ Yes
⊘ No

Are there any new public rights of way to be provided within or adjacent to the site?

◯ Yes
⊘ No

Do the proposals require any diversions/extinguishments and/or creation of rights of way?

◯ Yes
⊘ No

Vehicle Parking

Does the site have any existing vehicle/cycle parking spaces or will the proposed development add/remove any parking spaces?

◯ Yes
⊘ No

Foul Sewage

Please state how foul sewage is to be disposed of:

☐ Mains sewer
☐ Septic tank
☐ Package treatment plant
☐ Cess pit
☐ Other
☑ Unknown

Are you proposing to connect to the existing drainage system?

◯ Yes
◯ No
⊘ Unknown

Assessment of Flood Risk

Is the site within an area at risk of flooding? (Check the location on the Government's Flood map for planning. You should also refer to national standing advice and your local planning authority requirements for information as necessary.)

◯ Yes
⊘ No

Is your proposal within 20 metres of a watercourse (e.g. river, stream or beck)?

◯ Yes
⊘ No

Will the proposal increase the flood risk elsewhere?

◯ Yes
⊘ No

How will surface water be disposed of?

☐ Sustainable drainage system

☐ Existing water course

☐ Soakaway

☑ Main sewer

☐ Pond/lake

Trees and Hedges

Are there trees or hedges on the proposed development site?

◯ Yes
⊘ No

And/or: Are there trees or hedges on land adjacent to the proposed development site that could influence the development or might be important as part of the local landscape character?

◯ Yes
⊘ No

Biodiversity and Geological Conservation

Is there a reasonable likelihood of the following being affected adversely or conserved and enhanced within the application site, or on land adjacent to or near the application site?

To assist in answering this question correctly, please refer to the help text which provides guidance on determining if any important biodiversity or geological conservation features may be present or nearby; and whether they are likely to be affected by the proposals.

a) Protected and priority species

◯ Yes, on the development site
◯ Yes, on land adjacent to or near the proposed development
⊘ No

b) Designated sites, important habitats or other biodiversity features

◯ Yes, on the development site
◯ Yes, on land adjacent to or near the proposed development
⊘ No

c) Features of geological conservation importance

◯ Yes, on the development site
◯ Yes, on land adjacent to or near the proposed development
⊘ No

Supporting information requirements

Where a development proposal is likely to affect features of biodiversity or geological conservation interest, you will need to submit, with the application, sufficient information and assessments to allow the local planning authority to determine the proposal.

Failure to submit all information required will result in your application being deemed invalid. It will not be considered valid until all information required by the local planning authority has been submitted.

Your local planning authority will be able to advise on the content of any assessments that may be required.

Biodiversity net gain

Biodiversity net gain is a legal requirement for planning permission introduced on 12 February 2024. All applications are required to either provide detailed information proving there will be a biodiversity increase; or explain why the requirement does not apply to the development.

Do you believe that, if the development is granted permission, the general Biodiversity Gain Condition (as set out in Paragraph 13 of Schedule 7A of the Town and Country Planning Act 1990 (as amended)) would apply?

◯ Yes
⊘ No

Biodiversity net gain has been introduced as a general condition for planning permission. As set out in The Environment Act 2021: "grants of planning permission in England [are] to be subject to a condition to secure that the biodiversity gain objective is met". Therefore, in England, all planning permissions are generally subject to biodiversity gain rules, unless they are specifically exempt or out of scope.

If you have stated that the biodiversity net gain requirement does not apply to your application you must provide the reason(s) why, and may also need to supply evidence (especially where you believe the application is eligible for the 'de minimis' exemption).

Please add all the reasons why biodiversity net gain does not apply and enter a justification for each one

Reason biodiversity net gain does not apply:
Development site area of 0.2 hectares or below

Are there any priority habitats on or within 500m of your site?:
No

Can you evidence that you carried out a site assessment if the local authority disputes the presence of priority habitats?:
Yes

Please justify the reason why biodiversity net gain does not apply:
Site is well under 0.2h and there is no habitat within the red line boundary or in close proximity when checking available sources.

Please read the help text for further information why developments may be exempt or not in scope.

Waste Storage and Collection

Do the plans incorporate areas to store and aid the collection of waste?

◯ Yes
⊘ No

Have arrangements been made for the separate storage and collection of recyclable waste?

◯ Yes
⊘ No

Residential/Dwelling Units

Does your proposal include the gain, loss or change of use of residential units?

◯ Yes
⊘ No

All Types of Development: Non-Residential Floorspace

Does your proposal involve the loss, gain or change of use of non-residential floorspace?
Note that 'non-residential' in this context covers all uses except Use Class C3 Dwellinghouses.

◯ Yes
⊘ No

Employment

Are there any existing employees on the site or will the proposed development increase or decrease the number of employees?

◯ Yes
⊘ No

Hours of Opening

Are Hours of Opening relevant to this proposal?

⊘ Yes
◯ No

Please add details of the of the Use Classes and hours of opening for each non-residential use proposed.

If you do not know the hours of opening, select the Use Class and tick 'Unknown'

Use Class:
E(a) - Display/Sale of goods other than hot food

Unknown:
No

Monday to Friday:

Start Time:
08:00

End Time:
18:00

Saturday:

Start Time:
08:00

End Time:
18:00

Sunday / Bank Holiday:

Start Time:
08:00

End Time:
18:00

Industrial or Commercial Processes and Machinery

Does this proposal involve the carrying out of industrial or commercial activities and processes?

◯ Yes
⊘ No

Is the proposal for a waste management development?

◯ Yes
⊘ No

Hazardous Substances

Does the proposal involve the use or storage of Hazardous Substances?

◯ Yes
⊘ No

Trade Effluent

Does the proposal involve the need to dispose of trade effluents or trade waste?

◯ Yes
⊘ No

Site Visit

Can the site be seen from a public road, public footpath, bridleway or other public land?

- [x] Yes
- [ ] No

If the planning authority needs to make an appointment to carry out a site visit, whom should they contact?

- [x] The agent
- [ ] The applicant
- [ ] Other person

Pre-application Advice

Has assistance or prior advice been sought from the local authority about this application?

- [ ] Yes
- [x] No

Authority Employee/Member

With respect to the Authority, is the applicant and/or agent one of the following:
(a) a member of staff
(b) an elected member
(c) related to a member of staff
(d) related to an elected member

It is an important principle of decision-making that the process is open and transparent.

For the purposes of this question, "related to" means related, by birth or otherwise, closely enough that a fair-minded and informed observer, having considered the facts, would conclude that there was bias on the part of the decision-maker in the Local Planning Authority.

Do any of the above statements apply?

- [ ] Yes
- [x] No

Ownership Certificates and Agricultural Land Declaration

Certificates under Article 14 - Town and Country Planning (Development Management Procedure) (England) Order 2015 & Regulation 6 - Planning (Listed Buildings and Conservation Areas) Regulations 1990

Please answer the following questions to determine which Certificate of Ownership you need to complete: A, B, C or D.

Is the applicant the sole owner of **all** the land to which this application relates; **and** has the applicant been the sole owner for more than 21 days?
E.g. All the land is owned by a single individual

- [ ] Yes
- [x] No

Is the land owned by multiple individuals, or has agricultural tenants where the details of all individuals are known by the Applicant?
E.g. The land is owned by 2 people and the applicant can provide details of those owners.

- [x] Yes
- [ ] No

Certificate Of Ownership - Certificate B

I certify/ The applicant certifies that:

- ☑ **I have/The applicant has given the requisite notice to everyone else (as listed below) who, on the day 21 days before the date of this application, was the owner* and/or agricultural tenant** of any part of the land or building to which this application relates; or**
- ○ **The applicant is the sole owner of all the land or buildings to which this application relates and there are no other owners* and/or agricultural tenants**.**

*** 'owner' is a person with a freehold interest or leasehold interest with at least 7 years to run.**
**** 'agricultural tenant' has the meaning given in section 65(8) of the Town and Country Planning Act 1990.**

Owner/Agricultural Tenant

Name of Owner/Agricultural Tenant:
***** REDACTED ******

House name:

Number:

Suffix:

Address line 1:
1 Quay Point

Address Line 2:
Station Road

Town/City:
Woodbridge

Postcode:
IP12 4AL

Date notice served (DD/MM/YYYY):
05/10/2026

Person Role

- ○ The Applicant
- ☑ The Agent

Title

First Name

-

Surname

Fisch Planning

Declaration Date

12/10/2026

☑ Declaration made

Declaration

I/We hereby apply for Full planning & listed building consent as described in the questions answered, details provided, and the accompanying plans/drawings and additional information.
I/We confirm that, to the best of my/our knowledge, any facts stated are true and accurate and any opinions given are the genuine opinions of the person(s) giving them.
I/We also accept that, in accordance with the Planning Portal's terms and conditions:
- Once submitted, this information will be made available to the Local Planning Authority and, once validated by them, be published as part of a public register and on the authority's website;
- Our system will automatically generate and send you emails in regard to the submission of this application.

☑ I / We agree to the outlined declaration

Signed

- Fisch Planning

Date

13/10/2026

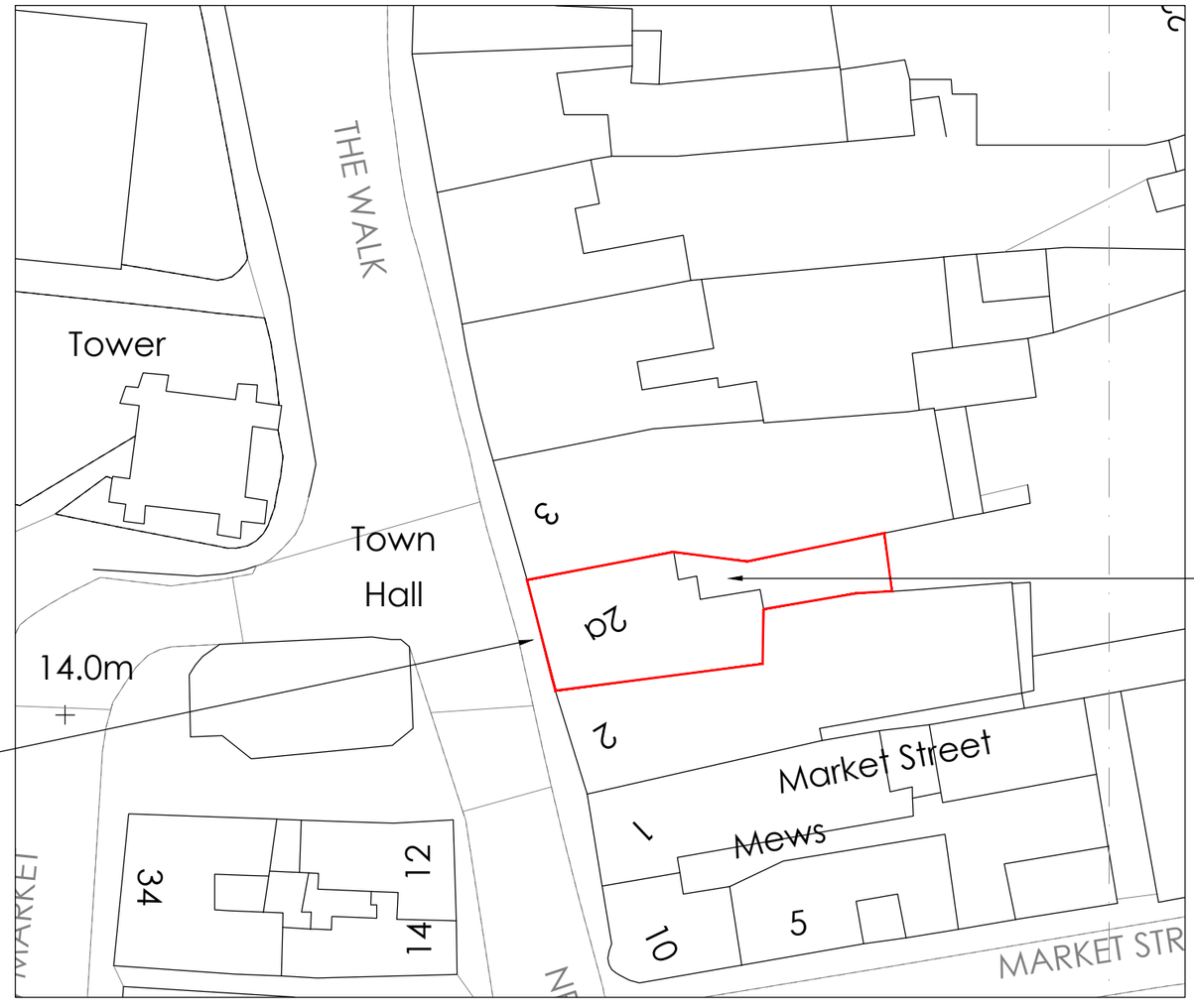
Amendments Summary

Only changes were to the landlords details (name & address) in the certificates/ownership section of the forms.

this drawing remains the property of fisch design limited and duplication of this drawing in whole or any part is strictly forbidden without prior written permission from fisch design ltd

all structural alterations are to be approved by a structural engineer

0 10 20 30m



Proposed AC units to rear elevation flat roof area.

Proposed replacement signage to the shopfront.

BLOCK PLAN 1:500 @ A3

DWG NO:	**2689-BP**	REVISION:	**-**
CLIENT:	**Specsavers**		
PROJECT:	**2a The Walk, Beccles, NR34 9AJ**		
TITLE:	**Block Plan**		
ORIGIN:	**TG**	CHECKED:	**-**
SCALE:	**1:500@A3**	DATE:	**05.10.26**

fisch STRUCTURED CREATIVITY

FISCH DESIGN LTD
3 HERITAGE BUSINESS CENTRE
DERBY ROAD, BELPER
DERBYSHIRE, DE56 1SW

+44 (0)1773 828222 / WWW.FISCHDESIGN.CO.UK / MAIL@FISCHDESIGN.CO.UK

Split

Air Conditioning Technical Data

5MXM-M



TABLE OF CONTENTS

5MXM-M

1 Features 2

2 Specifications 3
Technical Specifications 3
Electrical Specifications 4

3 Electrical data 5

4 Combination table 6

5 Capacity tables 28
Cooling Capacity Tables 28
Heating Capacity Tables 68

6 Dimensional drawings 108

7 Centre of gravity 109

8 Piping diagrams 110

9 Wiring diagrams 111
Wiring Diagrams - Single Phase 111

10 Sound data 112
Sound Pressure Spectrum 112

11 Operation range 113

1 Features

- Seasonal efficiency values up to A+++
- Seasonal efficiency values up to A+++ in cooling and A++ in heating thanks to its up-to-date technology and built-in intelligence
- Up to 5 indoor units can be connected to 1 multi outdoor unit; all indoor units are individually controllable and do not need to be installed in the same room or at the same time. They operate simultaneously within the same heating or cooling mode.
- Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- Different types of indoor units can be connected: e.g. wall mounted, ceiling mounted cassette corner, concealed ceiling unit
- Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency





Inverter

2 Specifications

2-1 Technical Specifications					5MXM90M
Casing	Colour				Ivory white
Dimensions	Unit	Height		mm	734
		Width		mm	320
		Depth		mm	868
	Packed unit	Height		mm	820
		Width		mm	1,050
		Depth		mm	840
Weight	Unit			kg	68
	Packed unit			kg	72
Packing	Weight			kg	4
Heat exchanger	Length			mm	920 / 650
	Rows	Quantity			2 / 1
	Fin pitch			mm	1.4 / 1.8
	Passes	Quantity			32 / 12
	Tube type				ø8 Hi-XA
	Fin	Type			WHS8 FIN-HYDROPHILIC
		Treatment			Anti-corrosion treatment
Compressor	Model				2YC71DXD#C
	Type				Hermetically sealed swing compressor
	Output			W	2,400
Fan	Type				Propeller
	Air flow rate	Cooling	High	m^3/min	49.1
				cfm	1,734
			Nom.	m^3/min	49.1
				cfm	1,734
			Super low	m^3/min	24.1
				cfm	851
		Heating	High	m^3/min	50.4
				cfm	1,780
			Nom.	m^3/min	50.4
				cfm	1,780
			Super low	m^3/min	24.1
				cfm	851
Fan motor	Model				DB90B-37
	Output			W	128
	Speed	Cooling	High	rpm	800
			Nom.	rpm	800
			Low	rpm	420
			Super low	rpm	-
		Heating	High	rpm	820
			Nom.	rpm	820
			Low	rpm	420
			Super low	rpm	-
Sound power level	Cooling			dBA	64
	Heating			dBA	64
Sound pressure level	Cooling	Nom.		dBA	52
	Heating	Nom.		dBA	52
Operation range	Cooling	Ambient	Min.	°CDB	-10
			Max.	°CDB	46
	Heating	Ambient	Min.	°CWB	-15
			Max.	°CWB	18
Refrigerant	Type				R-32
	Charge			kg	2.4
				TCO_2eq	1.6
	GWP				675

2 Specifications

2-1 Technical Specifications					5MXM90M
Piping connections	Liquid	Quantity			5
		OD		mm	6.35
	Gas	Quantity			2
		OD		mm	9.5
	Drain	ID		mm	15.9
	Gas 2	Quantity			1
		OD		mm	12.70
	Gas 3	Quantity			2
		OD		mm	15.90
	Piping length	OU - IU	Max.	m	25
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 30m)
	Level difference	IU - OU	Max.	m	15
		IU - IU	Max.	m	7.5
	Heat insulation				Both liquid and gas pipes
	Total piping length	System	Actual	m	75
Refrigerant oil	Type				FW68DA
	Charged volume			l	0.90

Standard Accessories : Installation manual; Quantity : 1;

Standard Accessories : Screw bag; Quantity : 1;

Standard Accessories : Drain plug; Quantity : 1;

Standard Accessories : Drain cap; Quantity : 9;

Standard Accessories : Reducer assembly; Quantity : 1;

2-2 Electrical Specifications				5MXM90M
Power supply	Name			V1
	Phase			1~
	Frequency		Hz	50
	Voltage		V	220-240
Current - 50Hz	Maximum fuse amps (MFA)		A	30
Current	Nominal running current (RLA)	Cooling	A	9.94
		Heating	A	10.25
	Starting current	Cooling	A	11.8
		Heating	A	11.8
Current - 60Hz	Maximum fuse amps (MFA)		A	-

Notes

Contains fluorinated greenhouse gases

3 Electrical data

3 - 1 Electrical Data

5MXM-M

Model		Unit				Power supply		COMP.		OFM	
Outdoor	H/P C/O	Hz	Voltage	MIN.	MAX.	MCA	MFA	MSC	RLA	kW	FLA
5MXM90M2V1B	H/P	50	220	198	242	24,5	30	11,8	10,40	0,075	0,50
			230	207	253				9,94		
			240	216	264				9,53		

Symbols

MCA: Minimum Circuit Ampere [A]

MFA: Maximum Fuse Ampere [A]

MSC: Maximum current of the starting compressor [A]

RLA: Rated load amps [A]

OFM: Outdoor fan motor [A]

FLA: Full Load Ampere [A]

kW: Fan motor rated output [kW]

Notes

1. The RLA is based on the following conditions.
   Cooling
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB
2. Voltage range
   The units are suitable for use with electrical systems in which the voltage supplied to the unit terminals is not below or above the listed range limits.
3. The maximum allowable voltage that is unbalanced between phases is 2%.
4. Select the wire size according to the MCA.
5. MFA is used to select the circuit breaker and the ground fault circuit interruptor.
   Earth leakage circuit breaker

3D102733

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1,5	1,80	---	---	---	---	1,78	1,80	2,98	0,43	0,48	0,93	1,95	2,20	4,26	95
	2,0	2,00	---	---	---	---	1,86	2,00	3,09	0,44	0,56	0,99	2,00	2,57	4,53	95
	2,5	2,50	---	---	---	---	1,98	2,50	3,61	0,48	0,71	1,14	2,18	3,25	5,24	95
	3,5	3,50	---	---	---	---	2,03	3,50	4,92	0,50	1,14	1,43	2,31	5,22	6,53	95
	4,2	---	---	4,20	---	---	2,06	4,20	5,06	0,51	1,46	1,54	2,35	6,69	7,06	95
	5,0	---	---	5,00	---	---	2,20	5,00	5,94	0,48	1,52	1,74	2,18	6,96	7,95	95
	6,0	---	---	6,00	---	---	2,31	6,00	6,73	0,49	1,89	2,17	2,22	8,65	9,94	95
	7,1	---	---	7,10	---	---	2,43	7,10	7,53	0,51	2,57	2,66	2,35	11,77	12,16	95
	1.5+1.5	1,50	1,50	---	---	---	2,01	3,00	4,11	0,42	0,51	1,01	1,94	2,34	4,64	95
	1.5+2.0	1,50	2,00	---	---	---	2,03	3,50	4,59	0,46	0,63	1,19	2,11	2,89	5,46	95
	1.5+2.5	1,50	2,50	---	---	---	2,09	4,00	5,06	0,42	0,76	1,23	1,94	3,48	5,62	95
	1.5+3.5	1,50	3,50	---	---	---	2,20	5,00	5,94	0,42	1,03	1,59	1,94	4,72	7,29	95
	1.5+4.2	1,50	---	4,20	---	---	2,27	5,70	6,50	0,42	1,28	1,86	1,94	5,86	8,51	95
	1.5+5.0	1,50	---	5,00	---	---	2,36	6,50	7,11	0,46	1,53	2,15	2,11	7,01	9,86	95
	1.5+6.0	1,50	---	6,00	---	---	2,48	7,50	7,79	0,50	1,89	2,29	2,27	8,65	10,47	95
	1.5+7.1	1,50	---	7,10	---	---	2,64	8,60	8,46	0,52	2,28	2,67	2,40	10,44	12,22	95
	2.0+2.0	2,00	2,00	---	---	---	2,09	4,00	5,41	0,46	0,75	1,59	2,11	3,44	7,29	95
	2.0+2.5	2,00	2,50	---	---	---	2,14	4,50	5,84	0,46	0,91	1,59	2,11	4,17	7,29	95
	2.0+3.5	2,00	3,50	---	---	---	2,25	5,50	6,49	0,46	1,18	1,86	2,11	5,41	8,51	95
	2.0+4.2	2,00	---	4,20	---	---	2,33	6,20	6,89	0,46	1,43	2,09	2,11	6,55	9,57	95
	2.0+5.0	2,00	---	5,00	---	---	2,42	7,00	7,46	0,46	1,66	2,31	2,11	7,60	10,55	95
	2.0+6.0	1,88	---	5,63	---	---	2,55	7,50	8,12	0,50	1,85	2,50	2,27	8,47	11,45	95
	2.0+7.1	1,76	---	6,24	---	---	2,71	8,00	8,64	0,52	2,00	2,79	2,40	9,16	12,75	95
	2.5+2.5	2,50	2,50	---	---	---	2,20	5,00	6,32	0,42	1,02	1,77	1,94	4,67	8,11	95
	2.5+3.5	2,50	3,50	---	---	---	2,31	6,00	6,73	0,46	1,40	2,00	2,11	6,41	9,16	95
	2.5+4.2	2,50	---	4,20	---	---	2,39	6,70	7,25	0,46	1,58	2,29	2,11	7,24	10,47	95
	2.5+5.0	2,50	---	5,00	---	---	2,48	7,50	7,79	0,49	1,85	2,51	2,23	8,47	11,49	95
	2.5+6.0	2,35	---	5,65	---	---	2,63	8,00	8,42	0,52	2,00	2,67	2,40	9,16	12,22	95
	2.5+7.1	2,21	---	6,29	---	---	2,79	8,50	8,64	0,55	2,17	2,79	2,53	9,94	12,75	95
	3.5+3.5	3,50	3,50	---	---	---	2,42	7,00	7,46	0,49	1,66	2,39	2,23	7,60	10,96	95
	3.5+4.2	3,50	---	4,20	---	---	2,51	7,70	7,81	0,49	1,92	2,60	2,23	8,79	11,89	95
	3.5+5.0	3,29	---	4,71	---	---	2,63	8,00	7,99	0,52	1,99	2,62	2,40	9,11	11,98	95
	3.5+6.0	2,95	---	5,05	---	---	2,77	8,00	8,62	0,55	1,96	2,79	2,53	8,98	12,75	95
	3.5+7.1	2,97	---	6,03	---	---	2,93	9,00	8,64	0,59	2,41	2,79	2,69	11,03	12,75	95
	4.2+4.2	4,00	---	4,00	---	---	2,61	8,00	7,82	0,52	2,07	2,60	2,36	9,48	11,89	95
	4.2+5.0	3,65	---	4,35	---	---	2,73	8,00	8,17	0,55	2,02	2,73	2,53	9,25	12,50	95
	4.2+6.0	3,50	---	5,00	---	---	2,88	8,50	8,63	0,55	2,21	2,79	2,53	10,12	12,75	95
	4.2+7.1	3,35	---	5,65	---	---	3,04	9,00	8,83	0,59	2,41	2,90	2,69	11,03	13,28	95
	5.0+5.0	4,25	---	4,25	---	---	2,85	8,50	8,34	0,55	2,10	2,84	2,53	9,62	12,99	95
	5.0+6.0	4,09	---	4,91	---	---	2,99	9,00	8,81	0,59	2,20	2,89	2,69	10,07	13,24	95
	5.0+7.1	3,72	---	5,28	---	---	3,16	9,00	9,06	0,62	2,17	3,02	2,82	9,94	13,81	95
	6.0+6.0	4,50	---	4,50	---	---	3,14	9,00	9,46	0,59	2,19	2,99	2,69	10,03	13,69	95
	6.0+7.1	4,12	---	4,88	---	---	3,30	9,00	9,48	0,63	2,16	2,99	2,86	9,89	13,69	95
	7.1+7.1	4,50	---	4,50	---	---	3,46	9,00	9,50	0,65	2,16	2,99	2,99	9,89	13,69	95

Notes

1. The total capacity of each connected indoor unit is up to 14.2kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103904

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1.5+1.5+1.5	1,50	1,50	1,50	---	---	2,14	4,50	5,51	0,43	0,83	1,24	1,98	3,80	5,66	95
	1.5+1.5+2.0	1,50	1,50	2,00	---	---	2,20	5,00	5,94	0,43	0,96	1,40	1,98	4,40	6,39	95
	1.5+1.5+2.5	1,50	1,50	2,50	---	---	2,25	5,50	6,34	0,43	1,09	1,57	1,98	4,99	7,17	95
	1.5+1.5+3.5	1,50	1,50	3,50	---	---	2,36	6,50	7,11	0,46	1,38	1,93	2,11	6,32	8,84	95
	1.5+1.5+4.2	1,50	1,50	4,20	---	---	2,44	7,20	7,60	0,46	1,61	2,18	2,11	7,37	9,98	95
	1.5+1.5+5.0	1,41	1,41	4,69	---	---	2,55	7,50	8,12	0,50	1,75	2,41	2,27	8,01	11,04	95
	1.5+1.5+6.0	1,33	1,33	5,33	---	---	2,70	8,00	8,70	0,53	1,96	2,51	2,44	8,98	11,49	95
	1.5+1.5+7.1	1,26	1,26	5,98	---	---	2,86	8,50	9,25	0,56	2,20	2,87	2,57	10,07	13,12	95
	1.5+2.0+2.0	1,50	2,00	2,00	---	---	2,25	5,50	6,34	0,46	1,09	1,57	2,11	4,99	7,17	95
	1.5+2.0+2.5	1,50	2,00	2,50	---	---	2,31	6,00	6,73	0,43	1,23	1,74	1,98	5,63	7,98	95
	1.5+2.0+3.5	1,50	2,00	3,50	---	---	2,42	7,00	7,46	0,46	1,52	2,14	2,11	6,96	9,78	95
	1.5+2.0+4.2	1,50	2,00	4,20	---	---	2,51	7,70	7,93	0,50	1,83	2,39	2,27	8,38	10,96	95
	1.5+2.0+5.0	1,41	1,88	4,71	---	---	2,63	8,00	8,42	0,50	1,95	2,57	2,27	8,93	11,77	95
	1.5+2.0+6.0	1,26	1,68	5,05	---	---	2,77	8,00	8,96	0,53	1,94	2,68	2,44	8,88	12,26	95
	1.5+2.0+7.1	1,27	1,70	6,03	---	---	2,93	9,00	9,30	0,56	2,39	2,87	2,57	10,94	13,12	95
	1.5+2.5+2.5	1,50	2,50	2,50	---	---	2,36	6,50	7,11	0,46	1,39	1,93	2,11	6,37	8,84	95
	1.5+2.5+3.5	1,50	2,50	3,50	---	---	2,48	7,50	7,79	0,50	1,72	2,29	2,27	7,88	10,47	95
	1.5+2.5+4.2	1,46	2,44	4,10	---	---	2,58	8,00	8,24	0,50	1,99	2,56	2,27	9,11	11,73	95
	1.5+2.5+5.0	1,33	2,22	4,44	---	---	2,70	8,00	8,70	0,52	1,95	2,75	2,40	8,93	12,59	95
	1.5+2.5+6.0	1,28	2,13	5,10	---	---	2,85	8,50	9,21	0,53	2,20	2,87	2,44	10,07	13,12	95
	1.5+2.5+7.1	1,22	2,03	5,76	---	---	3,01	9,00	9,49	0,56	2,39	2,99	2,57	10,94	13,69	95
	1.5+3.5+3.5	1,41	3,29	3,29	---	---	2,63	8,00	8,42	0,52	2,00	2,67	2,40	9,16	12,22	95
	1.5+3.5+4.2	1,30	3,04	3,65	---	---	2,73	8,00	8,65	0,52	1,99	2,79	2,40	9,11	12,75	95
	1.5+3.5+5.0	1,28	2,98	4,25	---	---	2,85	8,50	8,83	0,56	2,20	2,81	2,57	10,07	12,87	95
	1.5+3.5+6.0	1,23	2,86	4,91	---	---	2,99	9,00	9,29	0,56	2,39	2,87	2,57	10,94	13,12	95
	1.5+3.5+7.1	1,12	2,60	5,28	---	---	3,16	9,00	9,50	0,59	2,36	2,99	2,69	10,81	13,69	95
	1.5+4.2+4.2	1,50	---	4,20	4,20	---	2,83	9,90	8,66	0,55	2,45	2,79	2,53	11,22	12,75	95
	1.5+4.2+5.0	1,26	---	3,53	4,21	---	2,95	9,00	8,84	0,56	2,18	2,81	2,57	9,98	12,87	95
	1.5+4.2+6.0	1,15	---	3,23	4,62	---	3,10	9,00	9,49	0,59	2,15	2,99	2,69	9,84	13,69	95
	1.5+4.2+7.1	1,05	---	2,95	4,99	---	3,26	9,00	9,51	0,63	2,13	2,99	2,86	9,75	13,69	95
	1.5+5.0+5.0	1,17	---	3,91	3,91	---	3,07	9,00	9,20	0,59	2,04	2,95	2,69	9,34	13,52	95
	1.5+5.0+6.0	1,08	---	3,60	4,32	---	3,21	9,00	9,66	0,59	2,03	3,02	2,69	9,30	13,81	95
	1.5+5.0+7.1	0,99	---	3,31	4,70	---	3,38	9,00	9,68	0,63	2,01	3,02	2,86	9,20	13,81	95
	1.5+6.0+6.0	1,00	---	4,00	4,00	---	3,36	9,00	10,13	0,63	2,02	3,08	2,86	9,25	14,09	95
	1.5+6.0+7.1	1,19	---	3,58	4,23	---	3,51	9,00	10,15	0,65	2,00	3,08	2,99	9,16	14,09	95
	2.0+2.0+2.0	2,00	2,00	2,00	---	---	2,31	6,00	6,76	0,46	1,23	1,74	2,11	5,63	7,98	95
	2.0+2.0+2.5	2,00	2,00	2,50	---	---	2,36	6,50	7,11	0,46	1,39	1,93	2,11	6,37	8,84	95
	2.0+2.0+3.5	2,00	2,00	3,50	---	---	2,48	7,50	7,79	0,50	1,72	2,29	2,27	7,88	10,47	95
	2.0+2.0+4.2	2,00	2,00	4,20	---	---	2,58	8,20	8,24	0,50	2,04	2,56	2,27	9,34	11,73	95
	2.0+2.0+5.0	1,78	1,78	4,44	---	---	2,70	8,00	8,70	0,52	1,95	2,75	2,40	8,93	12,59	95
	2.0+2.0+6.0	1,70	1,70	5,10	---	---	2,85	8,50	9,21	0,53	2,20	2,87	2,44	10,07	13,12	95
	2.0+2.0+7.1	1,62	1,62	5,76	---	---	3,01	9,00	9,49	0,56	2,36	2,99	2,57	10,81	13,69	95
	2.0+2.5+2.5	2,00	2,50	2,50	---	---	2,42	7,00	7,46	0,46	1,52	2,14	2,11	6,96	9,78	95
	2.0+2.5+3.5	1,88	2,34	3,28	---	---	2,55	7,50	8,12	0,50	1,72	2,50	2,27	7,88	11,45	95

Notes

1. The total capacity of each connected indoor unit is up to 14.6kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103905

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	2.0+2.5+4.2	1,84	2,30	3,86	---	---	2,66	8,00	8,53	0,52	1,99	2,73	2,40	9,11	12,50	95
	2.0+2.5+5.0	1,68	2,11	4,21	---	---	2,77	8,00	8,82	0,52	1,95	2,80	2,40	8,93	12,83	95
	2.0+2.5+6.0	1,66	2,07	4,97	---	---	2,92	8,70	9,28	0,56	2,29	2,87	2,57	10,49	13,12	95
	2.0+2.5+7.1	1,55	1,94	5,51	---	---	3,08	9,00	9,49	0,59	2,35	2,99	2,69	10,76	13,69	95
	2.0+3.5+3.5	1,78	3,11	3,11	---	---	2,70	8,00	8,64	0,52	1,98	2,79	2,40	9,07	12,75	95
	2.0+3.5+4.2	1,75	3,07	3,68	---	---	2,80	8,50	8,65	0,55	2,17	2,79	2,53	9,94	12,75	95
	2.0+3.5+5.0	1,66	2,90	4,14	---	---	2,92	8,70	8,83	0,56	2,28	2,81	2,57	10,44	12,87	95
	2.0+3.5+6.0	1,57	2,74	4,70	---	---	3,07	9,00	9,48	0,59	2,35	2,99	2,69	10,76	13,69	95
	2.0+3.5+7.1	1,43	2,50	5,07	---	---	3,23	9,00	9,50	0,63	2,32	2,99	2,86	10,62	13,69	95
	2.0+4.2+4.2	1,67	---	3,51	3,51	---	2,91	8,70	8,66	0,55	2,24	2,79	2,53	10,26	12,75	95
	2.0+4.2+5.0	1,61	---	3,38	4,02	---	3,02	9,00	9,02	0,59	2,36	2,93	2,69	10,81	13,40	95
	2.0+4.2+6.0	1,48	---	3,10	4,43	---	3,17	9,00	9,49	0,59	2,33	2,99	2,69	10,67	13,69	95
	2.0+4.2+7.1	1,35	---	2,84	4,80	---	3,33	9,00	9,51	0,63	2,30	2,99	2,86	10,53	13,69	95
	2.0+5.0+5.0	1,50	---	3,75	3,75	---	3,14	9,00	9,20	0,59	2,22	2,95	2,69	10,17	13,52	95
	2.0+5.0+6.0	1,38	---	3,46	4,15	---	3,29	9,00	9,66	0,63	2,19	3,02	2,86	10,03	13,81	95
	2.0+5.0+7.1	1,28	---	3,19	4,53	---	3,45	9,00	9,68	0,65	2,17	3,02	2,99	9,94	13,81	95
	2.0+6.0+6.0	1,29	---	3,86	3,86	---	3,43	9,00	10,13	0,63	2,18	3,08	2,86	9,98	14,09	95
	2.0+6.0+7.1	1,19	---	3,58	4,23	---	3,59	9,00	10,61	0,65	2,16	3,56	2,99	9,89	16,29	95
	2.5+2.5+2.5	2,50	2,50	2,50	---	---	2,48	7,50	7,79	0,50	1,71	2,29	2,27	7,83	10,47	95
	2.5+2.5+3.5	2,35	2,35	3,29	---	---	2,63	8,00	8,42	0,52	1,98	2,67	2,40	9,07	12,22	95
	2.5+2.5+4.2	2,17	2,17	3,65	---	---	2,73	8,00	8,64	0,52	1,97	2,79	2,40	9,02	12,75	95
	2.5+2.5+5.0	2,13	2,13	4,25	---	---	2,85	8,50	8,82	0,56	2,20	2,80	2,57	10,07	12,83	95
	2.5+2.5+6.0	2,05	2,05	4,91	---	---	2,99	9,00	9,28	0,56	2,35	2,87	2,57	10,76	13,12	95
	2.5+2.5+7.1	1,86	1,86	5,28	---	---	3,16	9,00	9,49	0,59	2,32	2,99	2,69	10,62	13,69	95
	2.5+3.5+3.5	2,11	2,95	2,95	---	---	2,77	8,00	8,64	0,55	1,96	2,79	2,53	8,98	12,75	95
	2.5+3.5+4.2	2,08	2,92	3,50	---	---	2,88	8,50	8,65	0,55	2,19	2,79	2,53	10,03	12,75	95
	2.5+3.5+5.0	2,05	2,86	4,09	---	---	2,99	9,00	8,83	0,59	2,33	2,81	2,69	10,67	12,87	95
	2.5+3.5+6.0	1,88	2,63	4,50	---	---	3,14	9,00	9,48	0,59	2,30	2,99	2,69	10,53	13,69	95
	2.5+3.5+7.1	1,72	2,40	4,88	---	---	3,30	9,00	9,50	0,63	2,27	2,99	2,86	10,39	13,69	95
	2.5+4.2+4.2	2,06	---	3,47	3,47	---	2,98	9,00	8,61	0,59	2,41	2,79	2,69	11,03	12,75	95
	2.5+4.2+5.0	1,92	---	3,23	3,85	---	3,10	9,00	9,02	0,59	2,35	2,93	2,69	10,76	13,40	95
	2.5+4.2+6.0	1,77	---	2,98	4,25	---	3,24	9,00	9,49	0,63	2,32	2,99	2,86	10,62	13,69	95
	2.5+4.2+7.1	1,63	---	2,74	4,63	---	3,41	9,00	9,51	0,65	2,29	2,99	2,99	10,49	13,69	95
	2.5+5.0+5.0	1,80	---	3,60	3,60	---	3,21	9,00	9,20	0,62	2,21	3,00	2,82	10,12	13,73	95
	2.5+5.0+6.0	1,67	---	3,33	4,00	---	3,36	9,00	9,66	0,63	2,18	3,02	2,86	9,98	13,81	95
	2.5+5.0+7.1	1,54	---	3,08	4,38	---	3,51	9,00	9,68	0,65	2,16	3,02	2,99	9,89	13,81	95
	2.5+6.0+6.0	1,55	---	3,72	3,72	---	3,50	9,00	10,13	0,65	2,17	3,08	2,99	9,94	14,09	95
	2.5+6.0+7.1	1,44	---	3,46	4,10	---	3,66	9,00	10,61	0,65	2,15	3,56	2,99	9,84	16,29	95
	3.5+3.5+3.5	2,90	2,90	2,90	---	---	2,92	8,70	8,77	0,59	2,23	2,90	2,69	10,21	13,28	95
	3.5+3.5+4.2	2,81	2,81	3,38	---	---	3,02	9,00	8,83	0,59	2,40	2,90	2,69	10,99	13,28	95
	3.5+3.5+5.0	2,63	2,63	3,75	---	---	3,14	9,00	9,02	0,62	2,33	2,95	2,82	10,67	13,52	95
	3.5+3.5+6.0	2,42	2,42	4,15	---	---	3,29	9,00	9,49	0,63	2,30	2,99	2,86	10,53	13,69	95
	3.5+3.5+7.1	2,23	2,23	4,53	---	---	3,45	9,00	9,51	0,65	2,28	2,99	2,99	10,44	13,69	95
	3.5+4.2+4.2	2,65	---	3,18	3,18	---	3,13	9,00	8,97	0,62	2,38	2,90	2,82	10,90	13,28	95

Notes

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103906

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	3.5+4.2+5.0	2,48	---	2,98	3,54	---	3,24	9,00	9,18	0,62	2,32	2,93	2,82	10,62	13,40	95
	3.5+4.2+6.0	2,30	---	2,76	3,94	---	3,39	9,00	9,50	0,65	2,29	2,99	2,99	10,49	13,69	95
	3.5+4.2+7.1	2,13	---	2,55	4,32	---	3,54	9,00	10,01	0,69	2,26	3,52	3,16	10,35	16,09	95
	3.5+5.0+5.0	2,33	---	3,33	3,33	---	3,36	9,00	9,20	0,65	2,19	2,98	2,99	10,03	13,65	95
	3.5+5.0+6.0	2,17	---	3,10	3,72	---	3,50	9,00	9,67	0,65	2,16	3,02	2,99	9,89	13,81	95
	3.5+5.0+7.1	2,02	---	2,88	4,10	---	3,66	9,00	10,14	0,69	2,14	3,48	3,16	9,80	15,93	95
	3.5+6.0+6.0	2,03	---	3,48	3,48	---	3,65	9,00	10,59	0,65	2,15	3,56	2,99	9,84	16,29	95
	4.2+4.2+4.2	3,00	---	3,00	3,00	---	3,23	9,00	9,18	0,65	2,37	2,91	2,99	10,85	13,32	95
	4.2+4.2+5.0	2,82	---	2,82	3,36	---	3,35	9,00	9,26	0,65	2,31	2,93	2,99	10,58	13,40	95
	4.2+4.2+6.0	2,63	---	2,63	3,75	---	3,48	9,00	9,51	0,65	2,28	2,99	2,99	10,44	13,69	95
	4.2+4.2+7.1	2,44	---	2,44	4,12	---	3,65	9,00	10,02	0,69	2,25	3,52	3,16	10,30	16,09	95
	4.2+5.0+5.0	2,66	---	3,17	3,17	---	3,46	9,00	9,21	0,68	2,30	2,95	3,12	10,53	13,52	95
	4.2+5.0+6.0	2,49	---	2,96	3,55	---	3,60	9,00	10,18	0,69	2,27	3,54	3,16	10,39	16,21	95
	5.0+5.0+5.0	3,00	---	3,00	3,00	---	3,57	9,00	9,98	0,69	2,29	3,62	3,16	10,49	16,58	95
	1.5+1.5+1.5+1.5	1,50	1,50	1,50	1,50	---	2,31	6,00	6,73	0,44	1,25	1,44	2,02	5,73	6,60	95
	1.5+1.5+1.5+2.0	1,50	1,50	1,50	2,00	---	2,36	6,50	7,11	0,47	1,38	1,62	2,15	6,32	7,41	95
	1.5+1.5+1.5+2.5	1,50	1,50	1,50	2,50	---	2,42	7,00	7,46	0,47	1,50	1,76	2,15	6,87	8,06	95
	1.5+1.5+1.5+3.5	1,41	1,41	1,41	3,28	---	2,55	7,50	8,12	0,50	1,63	2,06	2,27	7,46	9,45	95
	1.5+1.5+1.5+4.2	1,38	1,38	1,38	3,86	---	2,66	8,00	8,53	0,50	1,94	2,39	2,27	8,88	10,96	95
	1.5+1.5+1.5+5.0	1,26	1,26	1,26	4,21	---	2,77	8,00	8,96	0,53	1,90	2,58	2,44	8,70	11,81	95
	1.5+1.5+1.5+6.0	1,24	1,24	1,24	4,97	---	2,92	8,70	9,44	0,53	2,34	2,63	2,44	10,71	12,02	95
	1.5+1.5+1.5+7.1	1,16	1,16	1,16	5,51	---	3,08	9,00	9,86	0,56	2,39	2,88	2,57	10,94	13,20	95
	1.5+1.5+2.0+2.0	1,50	1,50	2,00	2,00	---	2,42	7,00	7,46	0,47	1,50	1,76	2,15	6,87	8,06	95
	1.5+1.5+2.0+2.5	1,50	1,50	2,00	2,50	---	2,48	7,50	7,79	0,47	1,63	1,91	2,15	7,46	8,76	95
	1.5+1.5+2.0+3.5	1,41	1,41	1,88	3,29	---	2,63	8,00	8,42	0,50	1,94	2,23	2,27	8,88	10,18	95
	1.5+1.5+2.0+4.2	1,30	1,30	1,74	3,65	---	2,73	8,00	8,80	0,53	1,94	2,56	2,44	8,88	11,73	95
	1.5+1.5+2.0+5.0	1,28	1,28	1,70	4,25	---	2,85	8,50	9,21	0,53	2,23	2,77	2,44	10,21	12,67	95
	1.5+1.5+2.0+6.0	1,23	1,23	1,64	4,91	---	2,99	9,00	9,64	0,56	2,39	2,75	2,57	10,94	12,59	95
	1.5+1.5+2.0+7.1	1,12	1,12	1,49	5,28	---	3,16	9,00	10,04	0,60	2,36	3,02	2,74	10,81	13,81	95
	1.5+1.5+2.5+2.5	1,41	1,41	2,34	2,34	---	2,55	7,50	8,12	0,50	1,63	2,06	2,27	7,46	9,45	95
	1.5+1.5+2.5+3.5	1,33	1,33	2,22	3,11	---	2,70	8,00	8,70	0,53	1,94	2,51	2,44	8,88	11,49	95
	1.5+1.5+2.5+4.2	1,31	1,31	2,19	3,68	---	2,80	8,50	9,06	0,53	2,25	2,74	2,44	10,30	12,55	95
	1.5+1.5+2.5+5.0	1,24	1,24	2,07	4,14	---	2,92	8,70	9,44	0,56	2,33	2,89	2,57	10,67	13,24	95
	1.5+1.5+2.5+6.0	1,17	1,17	1,96	4,70	---	3,07	9,00	9,83	0,56	2,43	2,88	2,57	11,13	13,20	95
	1.5+1.5+2.5+7.1	1,07	1,07	1,79	5,07	---	3,23	9,00	10,16	0,60	2,40	3,08	2,74	10,99	14,09	95
	1.5+1.5+3.5+3.5	1,28	1,28	2,98	2,98	---	2,85	8,50	9,21	0,53	2,25	2,80	2,44	10,30	12,83	95
	1.5+1.5+3.5+4.2	1,26	1,26	2,94	3,53	---	2,95	9,00	9,32	0,56	2,47	2,87	2,57	11,31	13,12	95
	1.5+1.5+3.5+5.0	1,17	1,17	2,74	3,91	---	3,07	9,00	9,68	0,59	2,40	3,02	2,69	10,99	13,81	95
	1.5+1.5+3.5+6.0	1,08	1,08	2,52	4,32	---	3,21	9,00	10,15	0,59	2,37	3,08	2,69	10,85	14,09	95
	1.5+1.5+3.5+7.1	0,99	0,99	2,32	4,70	---	3,38	9,00	10,17	0,63	2,34	3,08	2,86	10,71	14,09	95
	1.5+1.5+4.2+4.2	1,18	1,18	3,32	3,32	---	3,05	9,00	9,52	0,59	2,45	2,99	2,69	11,22	13,69	95
	1.5+1.5+4.2+5.0	1,11	1,11	3,10	3,69	---	3,17	9,00	9,69	0,59	2,39	3,02	2,69	10,94	13,81	95
	1.5+1.5+4.2+6.0	1,02	1,02	2,86	4,09	---	3,32	9,00	10,16	0,60	2,36	3,08	2,74	10,81	14,09	95
	1.5+1.5+4.2+7.1	0,94	0,94	2,64	4,47	---	3,47	9,00	10,18	0,63	2,33	3,08	2,86	10,67	14,09	95

Notes

1. The total capacity of each connected indoor unit is up to 15.2kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103907

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1.5+1.5+5.0+5.0	1,04	1,04	3,46	3,46	---	3,29	9,00	9,87	0,63	2,24	3,04	2,86	10,26	13,93	95
	1.5+1.5+5.0+6.0	0,96	0,96	3,21	3,86	---	3,43	9,00	10,34	0,63	2,21	3,11	2,86	10,12	14,22	95
	1.5+1.5+5.0+7.1	0,89	0,89	2,98	4,23	---	3,59	9,00	10,67	0,65	2,19	3,45	2,99	10,03	15,80	95
	1.5+1.5+6.0+6.0	0,90	0,90	3,60	3,60	---	3,57	9,00	10,66	0,63	2,20	3,10	2,86	10,07	14,17	95
	1.5+2.0+2.0+2.0	1,50	2,00	2,00	2,00	---	2,48	7,50	7,79	0,47	1,63	1,91	2,15	7,46	8,76	95
	1.5+2.0+2.0+2.5	1,41	1,88	1,88	2,34	---	2,55	7,50	8,12	0,50	1,62	2,06	2,27	7,42	9,45	95
	1.5+2.0+2.0+3.5	1,33	1,78	1,78	3,11	---	2,70	8,00	8,70	0,53	1,94	2,34	2,44	8,88	10,71	95
	1.5+2.0+2.0+4.2	1,31	1,75	1,75	3,68	---	2,80	8,50	9,06	0,53	2,25	2,74	2,44	10,30	12,55	95
	1.5+2.0+2.0+5.0	1,24	1,66	1,66	4,14	---	2,92	8,70	9,44	0,56	2,34	2,89	2,57	10,71	13,24	95
	1.5+2.0+2.0+6.0	1,17	1,57	1,57	4,70	---	3,07	9,00	9,83	0,56	2,43	2,88	2,57	11,13	13,20	95
	1.5+2.0+2.0+7.1	1,07	1,43	1,43	5,07	---	3,23	9,00	10,16	0,60	2,40	3,08	2,74	10,99	14,09	95
	1.5+2.0+2.5+2.5	1,41	1,88	2,35	2,35	---	2,63	8,00	8,42	0,50	1,95	2,23	2,27	8,93	10,18	95
	1.5+2.0+2.5+3.5	1,26	1,68	2,11	2,95	---	2,77	8,00	8,96	0,53	1,94	2,69	2,44	8,88	12,30	95
	1.5+2.0+2.5+4.2	1,25	1,67	2,08	3,50	---	2,88	8,50	9,30	0,56	2,24	2,87	2,57	10,26	13,12	95
	1.5+2.0+2.5+5.0	1,23	1,64	2,05	4,09	---	2,99	9,00	9,49	0,56	2,44	2,89	2,57	11,17	13,24	95
	1.5+2.0+2.5+6.0	1,13	1,50	1,88	4,50	---	3,14	9,00	10,01	0,59	2,41	3,01	2,69	11,03	13,77	95
	1.5+2.0+2.5+7.1	1,03	1,37	1,72	4,88	---	3,30	9,00	10,16	0,60	2,38	3,08	2,74	10,90	14,09	95
	1.5+2.0+3.5+3.5	1,24	1,66	2,90	2,90	---	2,92	8,70	9,31	0,56	2,34	2,87	2,57	10,71	13,12	95
	1.5+2.0+3.5+4.2	1,21	1,61	2,81	3,38	---	3,02	9,00	9,51	0,56	2,45	2,99	2,57	11,22	13,69	95
	1.5+2.0+3.5+5.0	1,13	1,50	2,63	3,75	---	3,14	9,00	9,68	0,59	2,39	3,02	2,69	10,94	13,81	95
	1.5+2.0+3.5+6.0	1,04	1,38	2,42	4,15	---	3,29	9,00	10,15	0,59	2,36	3,08	2,69	10,81	14,09	95
	1.5+2.0+3.5+7.1	0,96	1,28	2,23	4,53	---	3,45	9,00	10,17	0,63	2,33	3,08	2,86	10,67	14,09	95
	1.5+2.0+4.2+4.2	1,13	1,51	3,18	3,18	---	3,13	9,00	9,52	0,59	2,44	2,99	2,69	11,17	13,69	95
	1.5+2.0+4.2+5.0	1,06	1,42	2,98	3,54	---	3,24	9,00	9,69	0,63	2,38	3,02	2,86	10,90	13,81	95
	1.5+2.0+4.2+6.0	0,99	1,31	2,76	3,94	---	3,39	9,00	10,16	0,63	2,35	3,08	2,86	10,76	14,09	95
	1.5+2.0+4.2+7.1	0,91	1,22	2,55	4,32	---	3,54	9,00	10,63	0,65	2,32	3,57	2,99	10,62	16,33	95
	1.5+2.0+5.0+5.0	1,00	1,33	3,33	3,33	---	3,36	9,00	9,87	0,63	2,26	3,04	2,86	10,35	13,93	95
	1.5+2.0+5.0+6.0	0,93	1,24	3,10	3,72	---	3,50	9,00	10,34	0,63	2,23	3,11	2,86	10,21	14,22	95
	1.5+2.0+5.0+7.1	0,87	1,15	2,88	4,10	---	3,66	9,00	10,71	0,65	2,20	3,45	2,99	10,07	15,80	95
	1.5+2.0+6.0+6.0	0,87	1,16	3,48	3,48	---	3,65	9,00	10,70	0,65	2,22	3,10	2,99	10,17	14,17	95
	1.5+2.5+2.5+2.5	1,33	2,22	2,22	2,22	---	2,70	8,00	8,70	0,53	1,94	2,39	2,44	8,88	10,96	95
	1.5+2.5+2.5+3.5	1,28	2,13	2,13	2,98	---	2,85	8,50	9,21	0,53	2,24	2,87	2,44	10,26	13,12	95
	1.5+2.5+2.5+4.2	1,26	2,10	2,10	3,53	---	2,95	9,00	9,31	0,56	2,44	2,87	2,57	11,17	13,12	95
	1.5+2.5+2.5+5.0	1,17	1,96	1,96	3,91	---	3,07	9,00	9,68	0,59	2,38	3,02	2,69	10,90	13,81	95
	1.5+2.5+2.5+6.0	1,08	1,80	1,80	4,32	---	3,21	9,00	10,14	0,59	2,35	3,08	2,69	10,76	14,09	95
	1.5+2.5+2.5+7.1	0,99	1,65	1,65	4,70	---	3,38	9,00	10,16	0,63	2,32	3,08	2,86	10,62	14,09	95
	1.5+2.5+3.5+3.5	1,23	2,05	2,86	2,86	---	2,99	9,00	9,31	0,56	2,36	2,87	2,57	10,81	13,12	95
	1.5+2.5+3.5+4.2	1,15	1,92	2,69	3,23	---	3,10	9,00	9,51	0,59	2,35	2,99	2,69	10,76	13,69	95
	1.5+2.5+3.5+5.0	1,08	1,80	2,52	3,60	---	3,21	9,00	9,68	0,59	2,29	3,02	2,69	10,49	13,81	95
	1.5+2.5+3.5+6.0	1,00	1,67	2,33	4,00	---	3,36	9,00	10,15	0,63	2,26	3,08	2,86	10,35	14,09	95
	1.5+2.5+3.5+7.1	0,92	1,54	2,16	4,38	---	3,51	9,00	10,17	0,65	2,23	3,08	2,99	10,21	14,09	95
	1.5+2.5+4.2+4.2	1,09	1,81	3,05	3,05	---	3,20	9,00	9,52	0,59	2,33	2,99	2,69	10,67	13,69	95
	1.5+2.5+4.2+5.0	1,02	1,70	2,86	3,41	---	3,32	9,00	9,69	0,63	2,28	3,02	2,86	10,44	13,81	95
	1.5+2.5+4.2+6.0	0,95	1,58	2,66	3,80	---	3,46	9,00	10,16	0,63	2,25	3,08	2,86	10,30	14,09	95

Notes

1. The total capacity of each connected indoor unit is up to 15.1kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103908

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1.5+2.5+4.2+7.1	0,88	1,47	2,47	4,18	---	3,62	9,00	10,68	0,65	2,22	3,64	2,99	10,17	16,66	95
	1.5+2.5+5.0+5.0	0,96	1,61	3,21	3,21	---	3,20	9,00	9,52	0,59	2,26	2,99	2,69	10,35	13,69	95
	1.5+2.5+5.0+6.0	0,90	1,50	3,00	3,60	---	3,32	9,00	9,69	0,63	2,24	3,02	2,86	10,26	13,81	95
	1.5+3.5+3.5+3.5	1,13	2,63	2,63	2,63	---	3,14	9,00	9,51	0,59	2,35	2,99	2,69	10,76	13,69	95
	1.5+3.5+3.5+4.2	1,06	2,48	2,48	2,98	---	3,24	9,00	9,52	0,63	2,33	2,99	2,86	10,67	13,69	95
	1.5+3.5+3.5+5.0	1,00	2,33	2,33	3,33	---	3,36	9,00	9,69	0,63	2,28	3,02	2,86	10,44	13,81	95
	1.5+3.5+3.5+6.0	0,93	2,17	2,17	3,72	---	3,50	9,00	10,16	0,63	2,25	3,08	2,86	10,30	14,09	95
	1.5+3.5+3.5+7.1	0,87	2,02	2,02	4,10	---	3,66	9,00	10,71	0,65	2,22	3,71	2,99	10,17	16,99	95
	1.5+3.5+4.2+4.2	1,01	2,35	2,82	2,82	---	3,35	9,00	9,52	0,63	2,32	3,00	2,86	10,62	13,73	95
	1.5+3.5+4.2+5.0	0,95	2,22	2,66	3,17	---	3,46	9,00	9,70	0,65	2,26	3,02	2,99	10,35	13,81	95
	1.5+3.5+4.2+6.0	0,89	2,07	2,49	3,55	---	3,60	9,00	10,68	0,65	2,24	3,71	2,99	10,26	16,99	95
	1.5+3.5+5.0+5.0	0,90	2,10	3,00	3,00	---	3,57	9,00	10,47	0,65	2,25	3,73	2,99	10,30	17,07	95
	1.5+4.2+4.2+4.2	0,96	---	2,68	2,68	2,68	3,45	9,00	9,53	0,65	2,31	3,00	2,99	10,58	13,73	95
	1.5+4.2+4.2+5.0	0,91	---	2,54	2,54	3,02	3,56	9,00	10,29	0,65	2,25	3,69	2,99	10,30	16,90	95
	2.0+2.0+2.0+2.0	1,88	1,88	1,88	1,88	---	2,55	7,50	8,12	0,50	1,63	2,06	2,27	7,46	9,45	95
	2.0+2.0+2.0+2.5	1,88	1,88	1,88	2,35	---	2,63	8,00	8,42	0,50	1,90	2,23	2,27	8,70	10,18	95
	2.0+2.0+2.0+3.5	1,68	1,68	1,68	2,95	---	2,77	8,00	8,96	0,53	1,89	2,51	2,44	8,65	11,49	95
	2.0+2.0+2.0+4.2	1,67	1,67	1,67	3,50	---	2,88	8,50	9,30	0,56	2,33	2,87	2,57	10,67	13,12	95
	2.0+2.0+2.0+5.0	1,64	1,64	1,64	4,09	---	2,99	9,00	9,49	0,56	2,54	2,89	2,57	11,63	13,24	95
	2.0+2.0+2.0+6.0	1,50	1,50	1,50	4,50	---	3,14	9,00	10,01	0,60	2,50	3,01	2,74	11,45	13,77	95
	2.0+2.0+2.0+7.1	1,37	1,37	1,37	4,88	---	3,30	9,00	10,16	0,60	2,48	3,08	2,74	11,36	14,09	95
	2.0+2.0+2.5+2.5	1,73	1,73	2,17	2,17	---	2,70	7,80	8,70	0,53	1,81	2,39	2,44	8,29	10,96	95
	2.0+2.0+2.5+3.5	1,70	1,70	2,13	2,98	---	2,85	8,50	9,21	0,53	2,33	2,87	2,44	10,67	13,12	95
	2.0+2.0+2.5+4.2	1,68	1,68	2,10	3,53	---	2,95	9,00	9,31	0,56	2,61	2,87	2,57	11,95	13,12	95
	2.0+2.0+2.5+5.0	1,57	1,57	1,96	3,91	---	3,07	9,00	9,68	0,59	2,54	3,02	2,69	11,63	13,81	95
	2.0+2.0+2.5+6.0	1,44	1,44	1,80	4,32	---	3,21	9,00	10,14	0,60	2,50	3,08	2,74	11,45	14,09	95
	2.0+2.0+2.5+7.1	1,32	1,32	1,65	4,70	---	3,38	9,00	10,16	0,63	2,47	3,08	2,86	11,31	14,09	95
	2.0+2.0+3.5+3.5	1,64	1,64	2,86	2,86	---	2,99	9,00	9,31	0,56	2,46	2,87	2,57	11,26	13,12	95
	2.0+2.0+3.5+4.2	1,54	1,54	2,69	3,23	---	3,10	9,00	9,51	0,59	2,44	2,99	2,69	11,17	13,69	95
	2.0+2.0+3.5+5.0	1,44	1,44	2,52	3,60	---	3,21	9,00	9,68	0,59	2,38	3,02	2,69	10,90	13,81	95
	2.0+2.0+3.5+6.0	1,33	1,33	2,33	4,00	---	3,36	9,00	10,15	0,63	2,35	3,08	2,86	10,76	14,09	95
	2.0+2.0+3.5+7.1	1,23	1,23	2,16	4,38	---	3,51	9,00	10,17	0,65	2,32	3,08	2,99	10,62	14,09	95
	2.0+2.0+4.2+4.2	1,45	1,45	3,05	3,05	---	3,20	9,00	9,52	0,59	2,43	2,99	2,69	11,13	13,69	95
	2.0+2.0+4.2+5.0	1,36	1,36	2,86	3,41	---	3,32	9,00	9,69	0,63	2,37	3,02	2,86	10,85	13,81	95
	2.0+2.0+4.2+6.0	1,27	1,27	2,66	3,80	---	3,46	9,00	10,16	0,63	2,33	3,08	2,86	10,67	14,09	95
	2.0+2.0+4.2+7.1	1,18	1,18	2,47	4,18	---	3,62	9,00	10,68	0,65	2,31	3,57	2,99	10,58	16,33	95
	2.0+2.0+5.0+5.0	1,29	1,29	3,21	3,21	---	3,43	9,00	9,87	0,63	2,35	3,04	2,86	10,76	13,93	95
	2.0+2.0+5.0+6.0	1,20	1,20	3,00	3,60	---	3,57	9,00	10,66	0,65	2,32	3,45	2,99	10,62	15,80	95
	2.0+2.5+2.5+2.5	1,68	2,11	2,11	2,11	---	2,77	8,00	8,96	0,53	1,89	2,51	2,44	8,65	11,49	95
	2.0+2.5+2.5+3.5	1,66	2,07	2,07	2,90	---	2,92	8,70	9,30	0,56	2,39	2,87	2,57	10,94	13,12	95
	2.0+2.5+2.5+4.2	1,61	2,01	2,01	3,38	---	3,02	9,00	9,50	0,56	2,61	2,99	2,57	11,95	13,69	95
	2.0+2.5+2.5+5.0	1,50	1,88	1,88	3,75	---	3,14	9,00	9,68	0,59	2,54	3,02	2,69	11,63	13,81	95
	2.0+2.5+2.5+6.0	1,38	1,73	1,73	4,15	---	3,29	9,00	10,14	0,60	2,50	3,08	2,74	11,45	14,09	95
	2.0+2.5+2.5+7.1	1,28	1,60	1,60	4,53	---	3,45	9,00	10,16	0,63	2,47	3,08	2,86	11,31	14,09	95

Notes

1. The total capacity of each connected indoor unit is up to 15.3kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103909

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	2.0+2.5+3.5+3.5	1,57	1,96	2,74	2,74	---	3,07	9,00	9,50	0,59	2,46	2,99	2,69	11,26	13,69	95
	2.0+2.5+3.5+4.2	1,48	1,84	2,58	3,10	---	3,17	9,00	9,51	0,59	2,44	2,99	2,69	11,17	13,69	95
	2.0+2.5+3.5+5.0	1,38	1,73	2,42	3,46	---	3,29	9,00	9,68	0,63	2,38	3,02	2,86	10,90	13,81	95
	2.0+2.5+3.5+6.0	1,29	1,61	2,25	3,86	---	3,43	9,00	10,15	0,63	2,35	3,08	2,86	10,76	14,09	95
	2.0+2.5+3.5+7.1	1,19	1,49	2,09	4,23	---	3,59	9,00	10,63	0,65	2,32	3,57	2,99	10,62	16,33	95
	2.0+2.5+4.2+4.2	1,40	1,74	2,93	2,93	---	3,27	9,00	9,52	0,63	2,43	2,99	2,86	11,13	13,69	95
	2.0+2.5+4.2+5.0	1,31	1,64	2,76	3,28	---	3,39	9,00	9,69	0,63	2,37	3,02	2,86	10,85	13,81	95
	2.0+2.5+4.2+6.0	1,22	1,53	2,57	3,67	---	3,53	9,00	10,62	0,65	2,33	3,56	2,99	10,67	16,29	95
	2.0+2.5+5.0+5.0	1,24	1,55	3,10	3,10	---	3,50	9,00	9,87	0,65	2,35	3,04	2,99	10,76	13,93	95
	2.0+2.5+5.0+6.0	1,16	1,45	2,90	3,48	---	3,65	9,00	10,70	0,65	2,32	3,52	2,99	10,62	16,13	95
	2.0+3.5+3.5+3.5	1,44	2,52	2,52	2,52	---	3,21	9,00	9,51	0,63	2,43	2,99	2,86	11,13	13,69	95
	2.0+3.5+3.5+4.2	1,36	2,39	2,39	2,86	---	3,32	9,00	9,52	0,63	2,42	2,99	2,86	11,08	13,69	95
	2.0+3.5+3.5+5.0	1,29	2,25	2,25	3,21	---	3,43	9,00	9,69	0,65	2,35	3,02	2,99	10,76	13,81	95
	2.0+3.5+3.5+6.0	1,20	2,10	2,10	3,60	---	3,57	9,00	10,61	0,65	2,32	3,57	2,99	10,62	16,33	95
	2.0+3.5+4.2+4.2	1,29	2,27	2,72	2,72	---	3,42	9,00	9,52	0,65	2,40	3,00	2,99	10,99	13,73	95
	2.0+3.5+4.2+5.0	1,22	2,14	2,57	3,06	---	3,53	9,00	10,20	0,65	2,34	3,55	2,99	10,71	16,25	95
	2.0+3.5+5.0+5.0	1,16	2,03	2,90	2,90	---	3,65	9,00	10,47	0,69	2,34	3,73	3,16	10,71	17,07	95
	2.0+4.2+4.2+4.2	1,23	---	2,59	2,59	2,59	3,51	9,00	9,53	0,65	2,39	3,00	2,99	10,94	13,73	95
	2.0+4.2+4.2+5.0	1,17	---	2,45	2,45	2,92	3,63	9,00	10,21	0,69	2,33	3,55	3,16	10,67	16,25	95
	2.5+2.5+2.5+2.5	2,13	2,13	2,13	2,13	---	2,85	8,50	9,21	0,53	2,28	2,87	2,44	10,44	13,12	95
	2.5+2.5+2.5+3.5	2,05	2,05	2,05	2,86	---	2,99	9,00	9,30	0,56	2,48	2,87	2,57	11,36	13,12	95
	2.5+2.5+2.5+4.2	1,92	1,92	1,92	3,23	---	3,10	9,00	9,50	0,59	2,47	2,99	2,69	11,31	13,69	95
	2.5+2.5+2.5+5.0	1,80	1,80	1,80	3,60	---	3,21	9,00	9,68	0,59	2,40	3,02	2,69	10,99	13,81	95
	2.5+2.5+2.5+6.0	1,67	1,67	1,67	4,00	---	3,36	9,00	10,14	0,63	2,37	3,08	2,86	10,85	14,09	95
	2.5+2.5+2.5+7.1	1,54	1,54	1,54	4,38	---	3,51	9,00	10,16	0,65	2,34	3,08	2,99	10,71	14,09	95
	2.5+2.5+3.5+3.5	1,88	1,88	2,63	2,63	---	3,14	9,00	9,50	0,59	2,47	2,99	2,69	11,31	13,69	95
	2.5+2.5+3.5+4.2	1,77	1,77	2,48	2,98	---	3,24	9,00	9,51	0,63	2,46	2,99	2,86	11,26	13,69	95
	2.5+2.5+3.5+5.0	1,67	1,67	2,33	3,33	---	3,36	9,00	9,68	0,63	2,39	3,02	2,86	10,94	13,81	95
	2.5+2.5+3.5+6.0	1,55	1,55	2,17	3,72	---	3,50	9,00	10,15	0,65	2,36	3,08	2,99	10,81	14,09	95
	2.5+2.5+3.5+7.1	1,44	1,44	2,02	4,10	---	3,66	9,00	10,63	0,65	2,33	3,57	2,99	10,67	16,33	95
	2.5+2.5+4.2+4.2	1,68	1,68	2,82	2,82	---	3,35	9,00	9,52	0,63	2,44	2,99	2,86	11,17	13,69	95
	2.5+2.5+4.2+5.0	1,58	1,58	2,66	3,17	---	3,46	9,00	9,69	0,65	2,38	3,02	2,99	10,90	13,81	95
	2.5+2.5+4.2+6.0	1,48	1,48	2,49	3,55	---	3,60	9,00	10,68	0,65	2,35	3,56	2,99	10,76	16,29	95
	2.5+2.5+5.0+5.0	1,50	1,50	3,00	3,00	---	3,57	9,00	10,46	0,65	2,37	3,72	2,99	10,85	17,03	95
	2.5+3.5+3.5+3.5	1,73	2,42	2,42	2,42	---	3,29	9,00	9,53	0,63	2,46	2,99	2,86	11,26	13,69	95
	2.5+3.5+3.5+4.2	1,64	2,30	2,30	2,76	---	3,39	9,00	9,52	0,65	2,44	2,99	2,99	11,17	13,69	95
	2.5+3.5+3.5+5.0	1,55	2,17	2,17	3,10	---	3,50	9,00	9,69	0,65	2,38	3,02	2,99	10,90	13,81	95
	2.5+3.5+3.5+6.0	1,45	2,03	2,03	3,48	---	3,65	9,00	10,61	0,65	2,35	3,57	2,99	10,76	16,33	95
	2.5+3.5+4.2+4.2	1,56	2,19	2,63	2,63	---	3,48	9,00	9,52	0,65	2,43	3,00	2,99	11,13	13,73	95
	2.5+3.5+4.2+5.0	1,48	2,07	2,49	2,96	---	3,60	9,00	10,20	0,69	2,37	3,55	3,16	10,85	16,25	95
	2.5+4.2+4.2+4.2	1,56	2,19	2,63	2,63	---	3,59	9,00	10,03	0,69	2,42	3,52	3,16	11,08	16,09	95
	3.5+3.5+3.5+3.5	2,25	2,25	2,25	2,25	---	3,43	9,00	9,51	0,65	2,44	2,99	2,99	11,17	13,69	95
	3.5+3.5+3.5+4.2	2,14	2,14	2,14	2,57	---	3,53	9,00	10,02	0,69	2,43	3,52	3,16	11,13	16,09	95
	3.5+3.5+3.5+5.0	2,03	2,03	2,03	2,90	---	3,65	9,00	10,15	0,69	2,37	3,48	3,16	10,85	15,93	95

Notes

1. The total capacity of each connected indoor unit is up to 15.5kW.
2. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103910

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	3.5+3.5+4.2+4.2	2,05	2,05	2,45	2,45	---	3,63	9,00	10,03	0,69	2,42	3,52	3,16	11,08	16,09	95
	1.5+1.5+1.5+1.5+1.5	1,50	1,50	1,50	1,50	1,50	2,48	7,50	7,79	0,48	1,55	1,79	2,19	7,10	8,19	95
	1.5+1.5+1.5+1.5+2.0	1,41	1,41	1,41	1,41	1,88	2,55	7,50	8,12	0,48	1,55	1,94	2,19	7,10	8,88	95
	1.5+1.5+1.5+1.5+2.5	1,41	1,41	1,41	1,41	2,35	2,63	8,00	8,42	0,51	1,75	2,10	2,32	8,01	9,61	95
	1.5+1.5+1.5+1.5+3.5	1,26	1,26	1,26	1,26	2,95	2,77	8,00	8,96	0,53	1,73	2,39	2,44	7,92	10,92	95
	1.5+1.5+1.5+1.5+4.2	1,32	1,32	1,32	1,32	3,71	2,88	9,00	9,30	0,53	2,20	2,56	2,44	10,07	11,73	95
	1.5+1.5+1.5+1.5+5.0	1,23	1,23	1,23	1,23	4,09	2,99	9,00	9,64	0,56	2,15	2,64	2,57	9,84	12,10	95
	1.5+1.5+1.5+1.5+6.0	1,13	1,13	1,13	1,13	4,50	3,14	9,00	10,01	0,57	2,12	2,69	2,61	9,71	12,30	95
	1.5+1.5+1.5+1.5+7.1	1,03	1,03	1,03	1,03	4,88	3,30	9,00	10,32	0,60	2,10	2,82	2,74	9,62	12,91	95
	1.5+1.5+1.5+2.0+2.0	1,41	1,41	1,41	1,88	1,88	2,63	8,00	8,42	0,51	1,75	2,10	2,32	8,01	9,61	95
	1.5+1.5+1.5+2.0+2.5	1,33	1,33	1,33	1,78	2,22	2,70	8,00	8,70	0,51	1,75	2,22	2,32	8,01	10,14	95
	1.5+1.5+1.5+2.0+3.5	1,28	1,28	1,28	1,70	2,98	2,85	8,50	9,21	0,53	1,95	2,50	2,44	8,93	11,45	95
	1.5+1.5+1.5+2.0+4.2	1,26	1,26	1,26	1,68	3,53	2,95	9,00	9,52	0,53	2,06	2,69	2,44	9,43	12,30	95
	1.5+1.5+1.5+2.0+5.0	1,17	1,17	1,17	1,57	3,91	3,07	9,00	9,83	0,56	2,02	2,78	2,57	9,25	12,71	95
	1.5+1.5+1.5+2.0+6.0	1,08	1,08	1,08	1,44	4,32	3,21	9,00	10,16	0,57	2,00	2,75	2,61	9,16	12,59	95
	1.5+1.5+1.5+2.0+7.1	0,99	0,99	0,99	1,32	4,70	3,38	9,00	10,43	0,60	1,97	2,96	2,74	9,02	13,56	95
	1.5+1.5+1.5+2.5+2.5	1,26	1,26	1,26	2,11	2,11	2,77	8,00	8,96	0,53	1,74	2,39	2,44	7,97	10,92	95
	1.5+1.5+1.5+2.5+3.5	1,24	1,24	1,24	2,07	2,90	2,92	8,70	9,44	0,53	2,06	2,63	2,44	9,43	12,02	95
	1.5+1.5+1.5+2.5+4.2	1,21	1,21	1,21	2,01	3,38	3,02	9,00	9,72	0,56	2,19	2,82	2,57	10,03	12,91	95
	1.5+1.5+1.5+2.5+5.0	1,13	1,13	1,13	1,88	3,75	3,14	9,00	10,01	0,56	2,14	2,90	2,57	9,80	13,28	95
	1.5+1.5+1.5+2.5+6.0	1,04	1,04	1,04	1,73	4,15	3,29	9,00	10,29	0,60	2,11	2,82	2,74	9,66	12,91	95
	1.5+1.5+1.5+2.5+7.1	0,96	0,96	0,96	1,60	4,53	3,45	9,00	10,53	0,60	2,09	2,96	2,74	9,57	13,56	95
	1.5+1.5+1.5+3.5+3.5	1,17	1,17	1,17	2,74	2,74	3,07	9,00	9,83	0,56	2,18	2,88	2,57	9,98	13,20	95
	1.5+1.5+1.5+3.5+4.2	1,11	1,11	1,11	2,58	3,10	3,17	9,00	10,07	0,60	2,17	3,02	2,74	9,94	13,81	95
	1.5+1.5+1.5+3.5+5.0	1,04	1,04	1,04	2,42	3,46	3,29	9,00	10,29	0,60	2,12	3,11	2,74	9,71	14,22	95
	1.5+1.5+1.5+3.5+6.0	0,96	0,96	0,96	2,25	3,86	3,43	9,00	10,52	0,60	2,09	2,95	2,74	9,57	13,52	95
	1.5+1.5+1.5+3.5+7.1	0,89	0,89	0,89	2,09	4,23	3,59	9,00	10,67	0,63	2,07	3,10	2,86	9,48	14,17	95
	1.5+1.5+1.5+4.2+4.2	1,05	1,05	1,05	2,93	2,93	3,27	9,00	10,19	0,60	2,16	3,09	2,74	9,89	14,13	95
	1.5+1.5+1.5+4.2+5.0	0,99	0,99	0,99	2,76	3,28	3,39	9,00	10,36	0,63	2,11	3,11	2,86	9,66	14,22	95
	1.5+1.5+1.5+4.2+6.0	0,92	0,92	0,92	2,57	3,67	3,53	9,00	10,62	0,63	2,08	3,03	2,86	9,52	13,85	95
	1.5+1.5+1.5+5.0+5.0	0,93	0,93	0,93	3,10	3,10	3,50	9,00	10,55	0,63	2,10	3,13	2,86	9,62	14,34	95
	1.5+1.5+1.5+5.0+6.0	0,87	0,87	0,87	2,90	3,48	3,65	9,00	10,70	0,63	2,07	2,98	2,86	9,48	13,65	95
	1.5+1.5+2.0+2.0+2.0	1,30	1,30	1,73	1,73	1,73	2,70	7,80	8,70	0,51	1,65	2,22	2,32	7,56	10,14	95
	1.5+1.5+2.0+2.0+2.5	1,26	1,26	1,68	1,68	2,11	2,77	8,00	8,96	0,53	1,74	2,39	2,44	7,97	10,92	95
	1.5+1.5+2.0+2.0+3.5	1,24	1,24	1,66	1,66	2,90	2,92	8,70	9,44	0,53	2,05	2,63	2,44	9,39	12,02	95
	1.5+1.5+2.0+2.0+4.2	1,21	1,21	1,61	1,61	3,38	3,02	9,00	9,72	0,56	2,18	2,82	2,57	9,98	12,91	95
	1.5+1.5+2.0+2.0+5.0	1,13	1,13	1,50	1,50	3,75	3,14	9,00	10,01	0,56	2,13	2,90	2,57	9,75	13,28	95
	1.5+1.5+2.0+2.0+6.0	1,04	1,04	1,38	1,38	4,15	3,29	9,00	10,29	0,60	2,10	2,82	2,74	9,62	12,91	95
	1.5+1.5+2.0+2.0+7.1	0,96	0,96	1,28	1,28	4,53	3,45	9,00	10,53	0,60	2,08	2,96	2,74	9,52	13,56	95
	1.5+1.5+2.0+2.5+2.5	1,28	1,28	1,70	2,13	2,13	2,85	8,50	9,21	0,53	1,84	2,50	2,44	8,43	11,45	95
	1.5+1.5+2.0+2.5+3.5	1,23	1,23	1,64	2,05	2,86	2,99	9,00	9,64	0,56	2,18	2,75	2,57	9,98	12,59	95
	1.5+1.5+2.0+2.5+4.2	1,15	1,15	1,54	1,92	3,23	3,10	9,00	9,90	0,56	2,17	2,95	2,57	9,94	13,48	95
	1.5+1.5+2.0+2.5+5.0	1,08	1,08	1,44	1,80	3,60	3,21	9,00	10,16	0,60	2,12	3,03	2,74	9,71	13,89	95
	1.5+1.5+2.0+2.5+6.0	1,00	1,00	1,33	1,67	4,00	3,36	9,00	10,41	0,60	2,09	2,95	2,74	9,57	13,52	95

Notes

1. The total capacity of each connected indoor unit is up to 15.5kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103911

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1.5+1.5+2.0+2.5+7.1	0,92	0,92	1,23	1,54	4,38	3,51	9,00	10,61	0,63	2,07	3,03	2,86	9,48	13,85	95
	1.5+1.5+2.0+3.5+3.5	1,13	1,13	1,50	2,63	2,63	3,14	9,00	10,01	0,56	2,17	3,02	2,57	9,94	13,81	95
	1.5+1.5+2.0+3.5+4.2	1,06	1,06	1,42	2,48	2,98	3,24	9,00	10,18	0,60	2,16	3,08	2,74	9,89	14,09	95
	1.5+1.5+2.0+3.5+5.0	1,00	1,00	1,33	2,33	3,33	3,36	9,00	10,36	0,60	2,11	3,11	2,74	9,66	14,22	95
	1.5+1.5+2.0+3.5+6.0	0,93	0,93	1,24	2,17	3,72	3,50	9,00	10,59	0,63	2,08	3,03	2,86	9,52	13,85	95
	1.5+1.5+2.0+3.5+7.1	0,87	0,87	1,15	2,02	4,10	3,66	9,00	10,71	0,65	2,06	3,10	2,99	9,43	14,17	95
	1.5+1.5+2.0+4.2+4.2	1,01	1,01	1,34	2,82	2,82	3,35	9,00	10,19	0,63	2,15	3,09	2,86	9,84	14,13	95
	1.5+1.5+2.0+4.2+5.0	0,95	0,95	1,27	2,66	3,17	3,46	9,00	10,36	0,63	2,10	3,11	2,86	9,62	14,22	95
	1.5+1.5+2.0+4.2+6.0	0,89	0,89	1,18	2,49	3,55	3,60	9,00	10,68	0,63	2,07	3,10	2,86	9,48	14,17	95
	1.5+1.5+2.0+5.0+5.0	0,90	0,90	1,20	3,00	3,00	3,57	9,00	10,66	0,63	2,00	3,28	2,86	9,16	14,99	95
	1.5+1.5+2.5+2.5+2.5	1,24	1,24	2,07	2,07	2,07	2,92	8,70	9,44	0,53	2,04	2,63	2,44	9,34	12,02	95
	1.5+1.5+2.5+2.5+3.5	1,17	1,17	1,96	1,96	2,74	3,07	9,00	9,83	0,56	2,17	2,88	2,57	9,94	13,20	95
	1.5+1.5+2.5+2.5+4.2	1,11	1,11	1,84	1,84	3,10	3,17	9,00	10,07	0,60	2,16	3,02	2,74	9,89	13,81	95
	1.5+1.5+2.5+2.5+5.0	1,04	1,04	1,73	1,73	3,46	3,29	9,00	10,29	0,60	2,11	3,11	2,74	9,66	14,22	95
	1.5+1.5+2.5+2.5+6.0	0,96	0,96	1,61	1,61	3,86	3,43	9,00	10,52	0,60	2,08	3,03	2,74	9,52	13,85	95
	1.5+1.5+2.5+2.5+7.1	0,89	0,89	1,49	1,49	4,23	3,59	9,00	10,67	0,63	2,06	3,10	2,86	9,43	14,17	95
	1.5+1.5+2.5+3.5+3.5	1,08	1,08	1,80	2,52	2,52	3,21	9,00	10,16	0,60	2,16	3,08	2,74	9,89	14,09	95
	1.5+1.5+2.5+3.5+4.2	1,02	1,02	1,70	2,39	2,86	3,32	9,00	10,18	0,60	2,15	3,08	2,74	9,84	14,09	95
	1.5+1.5+2.5+3.5+5.0	0,96	0,96	1,61	2,25	3,21	3,43	9,00	10,36	0,63	2,10	3,11	2,86	9,62	14,22	95
	1.5+1.5+2.5+3.5+6.0	0,90	0,90	1,50	2,10	3,60	3,57	9,00	10,66	0,63	2,07	3,10	2,86	9,48	14,17	95
	1.5+1.5+2.5+4.2+4.2	0,97	0,97	1,62	2,72	2,72	3,42	9,00	10,19	0,63	2,14	3,09	2,86	9,80	14,13	95
	1.5+1.5+2.5+4.2+5.0	0,92	0,92	1,53	2,57	3,06	3,53	9,00	10,62	0,63	2,09	3,39	2,86	9,57	15,52	95
	1.5+1.5+2.5+5.0+5.0	0,87	0,87	1,45	2,90	2,90	3,65	9,00	10,70	0,65	2,02	3,28	2,99	9,25	14,99	95
	1.5+1.5+3.5+3.5+3.5	1,00	1,00	2,33	2,33	2,33	3,36	9,00	10,18	0,63	2,15	3,08	2,86	9,84	14,09	95
	1.5+1.5+3.5+3.5+4.2	0,95	0,95	2,22	2,22	2,66	3,46	9,00	10,19	0,63	2,14	3,09	2,86	9,80	14,13	95
	1.5+1.5+3.5+3.5+5.0	0,90	0,90	2,10	2,10	3,00	3,57	9,00	10,66	0,65	2,09	3,38	2,99	9,57	15,48	95
	1.5+1.5+3.5+4.2+4.2	0,91	0,91	2,11	2,54	2,54	3,56	9,00	10,65	0,65	2,13	3,57	2,99	9,75	16,33	95
	1.5+2.0+2.0+2.0+2.0	1,26	1,68	1,68	1,68	1,68	2,77	8,00	8,96	0,53	1,73	2,39	2,44	7,92	10,92	95
	1.5+2.0+2.0+2.0+2.5	1,28	1,70	1,70	1,70	2,13	2,85	8,50	9,21	0,53	1,83	2,50	2,44	8,38	11,45	95
	1.5+2.0+2.0+2.0+3.5	1,23	1,64	1,64	1,64	2,86	2,99	9,00	9,64	0,56	2,17	2,75	2,57	9,94	12,59	95
	1.5+2.0+2.0+2.0+4.2	1,15	1,54	1,54	1,54	3,23	3,10	9,00	9,90	0,56	2,16	2,95	2,57	9,89	13,48	95
	1.5+2.0+2.0+2.0+5.0	1,08	1,44	1,44	1,44	3,60	3,21	9,00	10,16	0,60	2,11	3,03	2,74	9,66	13,89	95
	1.5+2.0+2.0+2.0+6.0	1,00	1,33	1,33	1,33	4,00	3,36	9,00	10,41	0,60	2,08	2,95	2,74	9,52	13,52	95
	1.5+2.0+2.0+2.0+7.1	0,92	1,23	1,23	1,23	4,38	3,51	9,00	10,61	0,63	2,06	3,03	2,86	9,43	13,85	95
	1.5+2.0+2.0+2.5+2.5	1,24	1,66	1,66	2,07	2,07	2,92	8,70	9,44	0,53	1,87	2,63	2,44	8,56	12,02	95
	1.5+2.0+2.0+2.5+3.5	1,17	1,57	1,57	1,96	2,74	3,07	9,00	9,83	0,56	1,92	2,88	2,57	8,79	13,20	95
	1.5+2.0+2.0+2.5+4.2	1,11	1,48	1,48	1,84	3,10	3,17	9,00	10,07	0,60	1,91	3,02	2,74	8,75	13,81	95
	1.5+2.0+2.0+2.5+5.0	1,04	1,38	1,38	1,73	3,46	3,29	9,00	10,29	0,60	1,87	3,11	2,74	8,56	14,22	95
	1.5+2.0+2.0+2.5+6.0	0,96	1,29	1,29	1,61	3,86	3,43	9,00	10,52	0,60	1,85	3,03	2,74	8,47	13,85	95
	1.5+2.0+2.0+2.5+7.1	0,89	1,19	1,19	1,49	4,23	3,59	9,00	10,67	0,63	1,83	3,10	2,86	8,38	14,17	95
	1.5+2.0+2.0+3.5+3.5	1,08	1,44	1,44	2,52	2,52	3,21	9,00	10,16	0,60	1,91	3,08	2,74	8,75	14,09	95
	1.5+2.0+2.0+3.5+4.2	1,02	1,36	1,36	2,39	2,86	3,32	9,00	10,18	0,60	1,90	3,08	2,74	8,70	14,09	95
	1.5+2.0+2.0+3.5+5.0	0,96	1,29	1,29	2,25	3,21	3,43	9,00	10,36	0,63	1,86	3,11	2,86	8,52	14,22	95
	1.5+2.0+2.0+3.5+6.0	0,90	1,20	1,20	2,10	3,60	3,57	9,00	10,66	0,63	1,84	3,10	2,86	8,43	14,17	95

Notes

1. The total capacity of each connected indoor unit is up to 15.5kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103912

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1.5+2.0+2.0+4.2+4.2	0,97	1,29	1,29	2,72	2,72	3,42	9,00	10,19	0,63	1,89	3,09	2,86	8,65	14,13	95
	1.5+2.0+2.0+4.2+5.0	0,92	1,22	1,22	2,57	3,06	3,53	9,00	10,62	0,63	1,85	3,39	2,86	8,47	15,52	95
	1.5+2.0+2.0+5.0+5.0	0,87	1,16	1,16	2,90	2,90	3,65	9,00	10,70	0,65	1,85	3,28	2,99	8,47	14,99	95
	1.5+2.0+2.5+2.5+2.5	1,23	1,64	2,05	2,05	2,05	2,99	9,00	9,64	0,56	1,92	2,75	2,57	8,79	12,59	95
	1.5+2.0+2.5+2.5+3.5	1,13	1,50	1,88	1,88	2,63	3,14	9,00	10,01	0,56	1,90	3,02	2,57	8,70	13,81	95
	1.5+2.0+2.5+2.5+4.2	1,06	1,42	1,77	1,77	2,98	3,24	9,00	10,17	0,60	1,89	3,08	2,74	8,65	14,09	95
	1.5+2.0+2.5+2.5+5.0	1,00	1,33	1,67	1,67	3,33	3,36	9,00	10,35	0,60	1,85	3,11	2,74	8,47	14,22	95
	1.5+2.0+2.5+2.5+6.0	0,93	1,24	1,55	1,55	3,72	3,50	9,00	10,59	0,63	1,83	3,03	2,86	8,38	13,85	95
	1.5+2.0+2.5+2.5+7.1	0,87	1,15	1,44	1,44	4,10	3,66	9,00	10,71	0,65	1,82	3,10	2,99	8,33	14,17	95
	1.5+2.0+2.5+3.5+3.5	1,04	1,38	1,73	2,42	2,42	3,29	9,00	10,17	0,60	1,89	3,08	2,74	8,65	14,09	95
	1.5+2.0+2.5+3.5+4.2	0,99	1,31	1,64	2,30	2,76	3,39	9,00	10,18	0,63	1,88	3,08	2,86	8,61	14,09	95
	1.5+2.0+2.5+3.5+5.0	0,93	1,24	1,55	2,17	3,10	3,50	9,00	10,36	0,63	1,85	3,11	2,86	8,47	14,22	95
	1.5+2.0+2.5+3.5+6.0	0,87	1,16	1,45	2,03	3,48	3,65	9,00	10,70	0,65	1,83	3,10	2,99	8,38	14,17	95
	1.5+2.0+2.5+4.2+4.2	0,94	1,25	1,56	2,63	2,63	3,48	9,00	10,19	0,63	1,88	3,09	2,86	8,61	14,13	95
	1.5+2.0+2.5+4.2+5.0	0,89	1,18	1,48	2,49	2,96	3,60	9,00	10,68	0,65	1,84	3,46	2,99	8,43	15,84	95
	1.5+2.0+3.5+3.5+3.5	0,96	1,29	2,25	2,25	2,25	3,43	9,00	10,18	0,63	1,88	3,08	2,86	8,61	14,09	95
	1.5+2.0+3.5+3.5+4.2	0,92	1,22	2,14	2,14	2,57	3,53	9,00	10,62	0,65	1,88	3,57	2,99	8,61	16,33	95
	1.5+2.0+3.5+3.5+5.0	0,87	1,16	2,03	2,03	2,90	3,65	9,00	10,70	0,65	1,84	3,45	2,99	8,43	15,80	95
	1.5+2.0+3.5+4.2+4.2	0,88	1,17	2,05	2,45	2,45	3,63	9,00	10,69	0,65	1,87	3,64	2,99	8,56	16,66	95
	1.5+2.5+2.5+2.5+2.5	1,17	1,96	1,96	1,96	1,96	3,07	9,00	9,83	0,56	1,91	2,88	2,57	8,75	13,20	95
	1.5+2.5+2.5+2.5+3.5	1,08	1,80	1,80	1,80	2,52	3,21	9,00	10,16	0,60	1,89	3,08	2,74	8,65	14,09	95
	1.5+2.5+2.5+2.5+4.2	1,02	1,70	1,70	1,70	2,86	3,32	9,00	10,17	0,60	1,88	3,08	2,74	8,61	14,09	95
	1.5+2.5+2.5+2.5+5.0	0,96	1,61	1,61	1,61	3,21	3,43	9,00	10,35	0,63	1,85	3,11	2,86	8,47	14,22	95
	1.5+2.5+2.5+2.5+6.0	0,90	1,50	1,50	1,50	3,60	3,57	9,00	10,66	0,63	1,83	3,10	2,86	8,38	14,17	95
	1.5+2.5+2.5+3.5+3.5	1,00	1,67	1,67	2,33	2,33	3,36	9,00	10,17	0,63	1,88	3,08	2,86	8,61	14,09	95
	1.5+2.5+2.5+3.5+4.2	0,95	1,58	1,58	2,22	2,66	3,46	9,00	10,18	0,63	1,88	3,08	2,86	8,61	14,09	95
	1.5+2.5+2.5+3.5+5.0	0,90	1,50	1,50	2,10	3,00	3,57	9,00	10,66	0,65	1,84	3,38	2,99	8,43	15,48	95
	1.5+2.5+2.5+4.2+4.2	0,91	1,51	1,51	2,54	2,54	3,56	9,00	10,65	0,65	1,87	3,64	2,99	8,56	16,66	95
	1.5+2.5+3.5+3.5+3.5	0,93	1,55	2,17	2,17	2,17	3,50	9,00	10,18	0,63	1,88	3,08	2,86	8,61	14,09	95
	1.5+2.5+3.5+3.5+4.2	0,89	1,48	2,07	2,07	2,49	3,60	9,00	10,68	0,65	1,87	3,64	2,99	8,56	16,66	95
	1.5+3.5+3.5+3.5+3.5	0,87	2,03	2,03	2,03	2,03	3,65	9,00	10,70	0,65	1,87	3,71	2,99	8,56	16,99	95
	2.0+2.0+2.0+2.0+2.0	1,70	1,70	1,70	1,70	1,70	2,85	8,50	9,21	0,53	1,83	2,50	2,44	8,38	11,45	95
	2.0+2.0+2.0+2.0+2.5	1,66	1,66	1,66	1,66	2,07	2,92	8,70	9,44	0,53	2,03	2,63	2,44	9,30	12,02	95
	2.0+2.0+2.0+2.0+3.5	1,57	1,57	1,57	1,57	2,74	3,07	9,00	9,83	0,56	1,90	2,88	2,57	8,70	13,20	95
	2.0+2.0+2.0+2.0+4.2	1,48	1,48	1,48	1,48	3,10	3,17	9,00	10,07	0,60	1,89	3,02	2,74	8,65	13,81	95
	2.0+2.0+2.0+2.0+5.0	1,38	1,38	1,38	1,38	3,46	3,29	9,00	10,29	0,60	1,85	3,11	2,74	8,47	14,22	95
	2.0+2.0+2.0+2.0+6.0	1,29	1,29	1,29	1,29	3,86	3,43	9,00	10,52	0,60	1,83	3,03	2,74	8,38	13,85	95
	2.0+2.0+2.0+2.0+7.1	1,19	1,19	1,19	1,19	4,23	3,59	9,00	10,67	0,63	1,82	3,10	2,86	8,33	14,17	95
	2.0+2.0+2.0+2.5+2.5	1,64	1,64	1,64	2,05	2,05	2,99	9,00	9,64	0,56	2,09	2,75	2,57	9,57	12,59	95
	2.0+2.0+2.0+2.5+3.5	1,50	1,50	1,50	1,88	2,63	3,14	9,00	10,01	0,56	2,07	3,02	2,57	9,48	13,81	95
	2.0+2.0+2.0+2.5+4.2	1,42	1,42	1,42	1,77	2,98	3,24	9,00	10,17	0,60	2,06	3,08	2,74	9,43	14,09	95
	2.0+2.0+2.0+2.5+5.0	1,33	1,33	1,33	1,67	3,33	3,36	9,00	10,35	0,60	2,01	3,11	2,74	9,20	14,22	95
	2.0+2.0+2.0+2.5+6.0	1,24	1,24	1,24	1,55	3,72	3,50	9,00	10,59	0,63	1,99	3,03	2,86	9,11	13,85	95
	2.0+2.0+2.0+2.5+7.1	1,15	1,15	1,15	1,44	4,10	3,66	9,00	10,71	0,65	1,97	3,10	2,99	9,02	14,17	95

Notes

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103913

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	2.0+2.0+2.0+3.5+3.5	1,38	1,38	1,38	2,42	2,42	2,99	9,00	9,64	0,56	2,06	2,75	2,57	9,43	12,59	95
	2.0+2.0+2.0+3.5+4.2	1,31	1,31	1,31	2,30	2,76	3,39	9,00	10,18	0,63	2,05	3,08	2,86	9,39	14,09	95
	2.0+2.0+2.0+3.5+5.0	1,24	1,24	1,24	2,17	3,10	3,50	9,00	10,36	0,63	2,00	3,11	2,86	9,16	14,22	95
	2.0+2.0+2.0+3.5+6.0	1,16	1,16	1,16	2,03	3,48	3,65	9,00	10,70	0,65	1,98	3,10	2,99	9,07	14,17	95
	2.0+2.0+2.0+4.2+4.2	1,25	1,25	1,25	2,63	2,63	3,48	9,00	10,19	0,63	2,04	3,09	2,86	9,34	14,13	95
	2.0+2.0+2.0+4.2+5.0	1,18	1,18	1,18	2,49	2,96	3,60	9,00	10,68	0,65	2,00	3,46	2,99	9,16	15,84	95
	2.0+2.0+2.5+2.5+2.5	1,57	1,57	1,96	1,96	1,96	3,07	9,00	9,83	0,56	2,08	2,88	2,57	9,52	13,20	95
	2.0+2.0+2.5+2.5+3.5	1,44	1,44	1,80	1,80	2,52	3,21	9,00	10,16	0,60	2,06	3,08	2,74	9,43	14,09	95
	2.0+2.0+2.5+2.5+4.2	1,36	1,36	1,70	1,70	2,86	3,32	9,00	9,85	0,60	2,05	3,08	2,74	9,39	14,09	95
	2.0+2.0+2.5+2.5+5.0	1,29	1,29	1,61	1,61	3,21	3,43	9,00	10,35	0,63	2,00	3,11	2,86	9,16	14,22	95
	2.0+2.0+2.5+2.5+6.0	1,20	1,20	1,50	1,50	3,60	3,57	9,00	10,66	0,63	1,98	3,10	2,86	9,07	14,17	95
	2.0+2.0+2.5+3.5+3.5	1,33	1,33	1,67	2,33	2,33	3,36	9,00	10,17	0,63	2,05	3,08	2,86	9,39	14,09	95
	2.0+2.0+2.5+3.5+4.2	1,27	1,27	1,58	2,22	2,66	3,46	9,00	9,85	0,63	2,04	3,08	2,86	9,34	14,09	95
	2.0+2.0+2.5+3.5+5.0	1,20	1,20	1,50	2,10	3,00	3,57	9,00	10,66	0,65	2,00	3,38	2,99	9,16	15,48	95
	2.0+2.0+2.5+4.2+4.2	1,21	1,21	1,51	2,54	2,54	3,56	9,00	10,65	0,65	2,03	3,57	2,99	9,30	16,33	95
	2.0+2.0+3.5+3.5+3.5	1,24	1,24	2,17	2,17	2,17	3,50	9,00	10,18	0,63	2,04	3,08	2,86	9,34	14,09	95
	2.0+2.0+3.5+3.5+4.2	1,18	1,18	2,07	2,07	2,49	3,60	9,00	10,68	0,65	2,03	3,57	2,99	9,30	16,33	95
	2.0+2.5+2.5+2.5+2.5	1,50	1,88	1,88	1,88	1,88	3,14	9,00	10,01	0,56	2,07	3,02	2,57	9,48	13,81	95
	2.0+2.5+2.5+2.5+3.5	1,38	1,73	1,73	1,73	2,42	3,29	9,00	10,16	0,60	2,05	3,08	2,74	9,39	14,09	95
	2.0+2.5+2.5+2.5+4.2	1,31	1,64	1,64	1,64	2,76	3,39	9,00	10,17	0,63	2,04	3,08	2,86	9,34	14,09	95
	2.0+2.5+2.5+2.5+5.0	1,24	1,55	1,55	1,55	3,10	3,50	9,00	10,35	0,63	2,00	3,11	2,86	9,16	14,22	95
	2.0+2.5+2.5+2.5+6.0	1,16	1,45	1,45	1,45	3,48	3,65	9,00	10,70	0,65	1,97	3,10	2,99	9,02	14,17	95
	2.0+2.5+2.5+3.5+3.5	1,29	1,61	1,61	2,25	2,25	3,43	9,00	10,17	0,63	2,04	3,08	2,86	9,34	14,09	95
	2.0+2.5+2.5+3.5+4.2	1,22	1,53	1,53	2,14	2,57	3,53	9,00	10,62	0,65	2,03	3,57	2,99	9,30	16,33	95
	2.0+2.5+2.5+3.5+5.0	1,16	1,45	1,45	2,03	2,90	3,65	9,00	10,70	0,65	1,97	3,45	2,99	9,02	15,80	95
	2.0+2.5+2.5+4.2+4.2	1,17	1,46	1,46	2,45	2,45	3,60	9,00	10,68	0,65	2,03	3,57	2,99	9,30	16,33	95
	2.0+2.5+3.5+3.5+3.5	1,20	1,50	2,10	2,10	2,10	3,57	9,00	10,63	0,65	2,02	3,57	2,99	9,25	16,33	95
	2.5+2.5+2.5+2.5+2.5	1,80	1,80	1,80	1,80	1,80	3,21	9,00	10,15	0,60	2,02	3,08	2,74	9,25	14,09	95
	2.5+2.5+2.5+2.5+3.5	1,67	1,67	1,67	1,67	2,33	3,36	9,00	10,16	0,63	2,01	3,08	2,86	9,20	14,09	95
	2.5+2.5+2.5+2.5+4.2	1,58	1,58	1,58	1,58	2,66	3,46	9,00	10,17	0,63	2,01	3,08	2,86	9,20	14,09	95
	2.5+2.5+2.5+2.5+5.0	1,50	1,50	1,50	1,50	3,00	3,57	9,00	10,66	0,65	2,00	3,45	2,99	9,16	15,80	95
	2.5+2.5+2.5+3.5+3.5	1,55	1,55	1,55	2,17	2,17	3,50	9,00	10,17	0,63	2,00	3,08	2,86	9,16	14,09	95
	2.5+2.5+2.5+3.5+4.2	1,48	1,48	1,48	2,07	2,49	3,60	9,00	10,68	0,65	1,99	3,57	2,99	9,11	16,33	95
	2.5+2.5+3.5+3.5+3.5	1,45	1,45	2,03	2,03	2,03	3,65	9,00	10,63	0,65	1,99	3,57	2,99	9,11	16,33	95

Notes

1. The total capacity of each connected indoor unit is up to 15.5kW.
2. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103914

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1,5	1,90	---	---	---	---	1,28	1,90	3,93	0,28	0,53	1,31	1,29	2,43	5,98	95
	2,0	2,49	---	---	---	---	1,33	2,49	4,37	0,34	0,67	1,37	1,55	3,05	6,25	95
	2,5	3,11	---	---	---	---	1,39	3,11	4,84	0,36	0,88	1,47	1,64	4,04	6,71	95
	3,5	4,36	---	---	---	---	1,51	4,36	5,31	0,38	1,40	1,93	1,73	6,42	8,84	95
	4,2	5,23	---	---	---	---	1,56	5,23	6,16	0,40	1,63	2,06	1,82	7,45	9,42	95
	5,0	6,21	---	---	---	---	1,94	6,21	7,75	0,47	1,76	2,39	2,13	8,08	10,92	95
	6,0	7,46	---	---	---	---	2,23	7,46	8,87	0,58	2,25	2,86	2,66	10,32	13,09	95
	7,1	8,82	---	---	---	---	2,55	8,82	9,38	0,65	2,81	3,01	2,97	12,88	13,77	95
	1.5+1.5	1,85	1,85	---	---	---	1,51	3,70	5,98	0,37	0,88	1,42	1,68	4,03	6,50	95
	1.5+2.0	1,84	2,46	---	---	---	1,57	4,30	5,98	0,35	1,04	1,42	1,59	4,76	6,50	95
	1.5+2.5	1,84	3,06	---	---	---	1,72	4,90	7,76	0,37	1,20	2,01	1,68	5,50	9,18	95
	1.5+3.5	1,83	4,27	---	---	---	2,02	6,10	7,76	0,44	1,68	2,20	2,02	7,69	10,06	95
	1.5+4.2	1,84	5,16	---	---	---	2,23	7,00	8,87	0,42	1,99	2,70	1,94	9,11	12,35	95
	1.5+5.0	1,85	6,15	---	---	---	2,48	8,00	9,45	0,44	2,17	2,55	2,02	9,94	11,69	95
	1.5+6.0	1,80	7,20	---	---	---	2,77	9,00	10,28	0,48	2,47	2,84	2,19	11,31	13,01	95
	1.5+7.1	1,74	8,26	---	---	---	3,09	10,00	10,30	0,52	2,90	2,91	2,37	13,28	13,32	95
	2.0+2.0	2,45	2,45	---	---	---	1,72	4,90	7,12	0,37	1,19	1,80	1,68	5,45	8,22	95
	2.0+2.5	2,44	3,06	---	---	---	1,88	5,50	7,54	0,39	1,37	1,97	1,76	6,28	9,01	95
	2.0+3.5	2,44	4,26	---	---	---	2,17	6,70	8,05	0,47	1,75	2,34	2,15	8,01	10,72	95
	2.0+4.2	2,45	5,15	---	---	---	2,39	7,60	8,87	0,58	2,04	2,70	2,67	9,34	12,35	95
	2.0+5.0	2,43	6,07	---	---	---	2,62	8,50	9,45	0,59	2,35	2,55	2,71	10,76	11,69	95
	2.0+6.0	2,33	6,98	---	---	---	2,92	9,30	10,28	0,61	2,62	2,84	2,80	12,00	13,01	95
	2.0+7.1	2,20	7,80	---	---	---	3,23	10,00	10,78	0,65	2,90	3,05	2,97	13,28	13,97	95
	2.5+2.5	3,05	3,05	---	---	---	2,02	6,10	7,76	0,44	1,73	2,26	2,02	7,92	10,32	95
	2.5+3.5	3,04	4,26	---	---	---	2,33	7,30	8,87	0,56	2,08	2,82	2,58	9,52	12,92	95
	2.5+4.2	3,06	5,14	---	---	---	2,54	8,20	9,38	0,61	2,35	3,05	2,80	10,76	13,97	95
	2.5+5.0	3,00	6,00	---	---	---	2,77	9,00	10,09	0,62	2,58	2,87	2,84	11,81	13,14	95
	2.5+6.0	2,82	6,78	---	---	---	3,06	9,60	10,28	0,63	2,76	2,91	2,88	12,64	13,31	95
	2.5+7.1	2,60	7,40	---	---	---	3,38	10,00	11,20	0,68	2,89	3,32	3,10	13,23	15,20	95
	3.5+3.5	4,25	4,25	---	---	---	2,62	8,50	9,38	0,61	2,54	3,02	2,80	11,63	13,84	95
	3.5+4.2	4,09	4,91	---	---	---	2,83	9,00	9,98	0,66	2,77	3,39	3,01	12,68	15,51	95
	3.5+5.0	3,91	5,59	---	---	---	3,06	9,50	10,09	0,67	2,73	2,86	3,05	12,50	13,09	95
	3.5+6.0	3,68	6,32	---	---	---	3,35	10,00	11,18	0,68	2,77	3,29	3,10	12,68	15,07	95
	3.5+7.1	3,30	6,70	---	---	---	3,66	10,00	11,21	0,72	2,73	3,22	3,31	12,50	14,72	95
	4.2+4.2	4,75	4,75	---	---	---	3,03	9,50	9,99	0,68	2,62	3,39	3,10	12,00	15,51	95
	4.2+5.0	4,57	5,43	---	---	---	3,26	10,00	10,52	0,69	2,78	3,15	3,14	12,73	14,41	95
	4.2+6.0	4,12	5,88	---	---	---	3,55	10,00	11,19	0,71	2,74	3,28	3,23	12,55	15,03	95
	4.2+7.1	3,72	6,28	---	---	---	3,87	10,00	11,21	0,74	2,69	3,21	3,40	12,32	14,67	95
	5.0+5.0	5,00	5,00	---	---	---	3,49	10,00	11,07	0,71	2,71	3,26	3,27	12,41	14,94	95
	5.0+6.0	4,55	5,45	---	---	---	3,77	10,00	11,32	0,71	2,67	3,18	3,23	12,22	14,54	95
	5.0+7.1	4,13	5,87	---	---	---	4,09	10,00	10,93	0,78	2,63	2,94	3,57	12,04	13,44	95
	6.0+6.0	5,00	5,00	---	---	---	4,07	10,00	11,14	0,71	2,65	2,92	3,27	12,13	13,36	95
	6.0+7.1	4,58	5,42	---	---	---	4,39	10,00	11,17	0,79	2,62	2,91	3,61	12,00	13,31	95
	7.1+7.1	5,00	5,00	---	---	---	4,70	10,00	11,20	0,84	2,60	2,90	3,83	11,90	13,27	95

Notes

1. The total capacity of each connected indoor unit is up to 14.2kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

4 Combination table

4 - 1 Combination Table

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1.5+1.5+1.5	1,83	1,83	1,83	---	---	1,88	5,50	7,82	0,44	1,20	1,84	2,02	5,50	8,44	95
	1.5+1.5+2.0	1,83	1,83	2,44	---	---	2,02	6,10	7,82	0,46	1,38	1,84	2,11	6,32	8,44	95
	1.5+1.5+2.5	1,83	1,83	3,05	---	---	2,17	6,70	7,82	0,48	1,59	1,84	2,19	7,28	8,44	95
	1.5+1.5+3.5	1,85	1,85	4,31	---	---	2,48	8,00	9,59	0,52	2,05	2,47	2,37	9,39	11,29	95
	1.5+1.5+4.2	1,81	1,81	5,08	---	---	2,68	8,70	9,59	0,56	2,29	2,47	2,58	10,49	11,29	95
	1.5+1.5+5.0	1,74	1,74	5,81	---	---	2,92	9,30	10,39	0,56	2,48	2,73	2,58	11,36	12,48	95
	1.5+1.5+6.0	1,58	1,58	6,33	---	---	3,20	9,50	11,14	0,57	2,48	2,92	2,62	11,36	13,36	95
	1.5+1.5+7.1	1,49	1,49	7,03	---	---	3,52	10,00	11,18	0,61	2,70	2,91	2,80	12,36	13,31	95
	1.5+2.0+2.0	1,83	2,44	2,44	---	---	2,17	6,70	7,82	0,48	1,60	1,84	2,19	7,33	8,44	95
	1.5+2.0+2.5	1,83	2,43	3,04	---	---	2,33	7,30	9,02	0,50	1,77	2,23	2,28	8,11	10,19	95
	1.5+2.0+3.5	1,82	2,43	4,25	---	---	2,63	8,50	9,59	0,54	2,21	2,47	2,45	10,12	11,29	95
	1.5+2.0+4.2	1,75	2,34	4,91	---	---	2,83	9,00	10,29	0,58	2,39	2,77	2,67	10,94	12,70	95
	1.5+2.0+5.0	1,76	2,35	5,88	---	---	3,06	10,00	10,39	0,58	2,77	2,78	2,67	12,68	12,74	95
	1.5+2.0+6.0	1,58	2,11	6,32	---	---	3,35	10,00	11,14	0,60	2,71	2,92	2,75	12,41	13,36	95
	1.5+2.0+7.1	1,42	1,89	6,70	---	---	3,66	10,00	11,18	0,64	2,69	2,91	2,93	12,32	13,31	95
	1.5+2.5+2.5	1,85	3,08	3,08	---	---	2,48	8,00	9,58	0,52	2,00	2,48	2,37	9,16	11,34	95
	1.5+2.5+3.5	1,80	3,00	4,20	---	---	2,77	9,00	10,29	0,56	2,35	2,77	2,58	10,76	12,70	95
	1.5+2.5+4.2	1,83	3,05	5,12	---	---	2,97	10,00	10,29	0,60	2,74	2,77	2,75	12,55	12,70	95
	1.5+2.5+5.0	1,67	2,78	5,56	---	---	3,20	10,00	10,90	0,61	2,63	2,95	2,80	12,04	13,49	95
	1.5+2.5+6.0	1,50	2,50	6,00	---	---	3,49	10,00	11,14	0,62	2,58	2,92	2,84	11,81	13,36	95
	1.5+2.5+7.1	1,35	2,25	6,40	---	---	3,80	10,00	11,18	0,66	2,53	2,91	3,01	11,58	13,31	95
	1.5+3.5+3.5	1,76	4,12	4,12	---	---	3,06	10,00	10,29	0,60	2,74	2,77	2,75	12,55	12,70	95
	1.5+3.5+4.2	1,63	3,80	4,57	---	---	3,26	10,00	10,78	0,65	2,72	3,00	2,97	12,45	13,71	95
	1.5+3.5+5.0	1,50	3,50	5,00	---	---	3,49	10,00	10,91	0,66	2,61	2,95	3,01	11,95	13,49	95
	1.5+3.5+6.0	1,36	3,18	5,45	---	---	3,77	10,00	11,15	0,67	2,56	2,92	3,05	11,72	13,36	95
	1.5+3.5+7.1	1,24	2,89	5,87	---	---	4,09	10,00	11,18	0,73	2,51	2,91	3,36	11,49	13,31	95
	1.5+4.2+4.2	1,52	4,24	4,24	---	---	3,46	10,00	10,90	0,68	2,69	3,04	3,10	12,32	13,93	95
	1.5+4.2+5.0	1,40	3,93	4,67	---	---	3,69	10,00	11,03	0,71	2,59	2,95	3,23	11,86	13,49	95
	1.5+4.2+6.0	1,28	3,59	5,13	---	---	3,98	10,00	11,27	0,71	2,54	2,92	3,27	11,63	13,36	95
	1.5+4.2+7.1	1,17	3,28	5,55	---	---	4,29	10,00	11,30	0,76	2,49	2,90	3,48	11,40	13,27	95
	1.5+5.0+5.0	1,30	4,35	4,35	---	---	3,92	10,00	11,17	0,71	2,50	2,96	3,23	11,45	13,53	95
	1.5+5.0+6.0	1,20	4,00	4,80	---	---	4,21	10,00	11,41	0,71	2,46	2,87	3,27	11,26	13,14	95
	1.5+5.0+7.1	1,10	3,68	5,22	---	---	4,53	10,00	11,44	0,79	2,41	2,85	3,61	11,03	13,05	95
	1.5+6.0+6.0	1,11	4,44	4,44	---	---	4,50	10,00	11,65	0,72	2,42	2,78	3,31	11,08	12,74	95
	1.5+6.0+7.1	1,32	3,97	4,70	---	---	4,81	10,00	11,68	0,79	2,40	2,77	3,61	10,99	12,70	95
	2.0+2.0+2.0	2,50	2,50	2,50	---	---	2,33	7,50	9,02	0,50	1,77	2,23	2,28	8,11	10,19	95
	2.0+2.0+2.5	2,46	2,46	3,08	---	---	2,48	8,00	9,58	0,52	1,92	2,48	2,37	8,79	11,34	95
	2.0+2.0+3.5	2,40	2,40	4,20	---	---	2,77	9,00	10,29	0,56	2,27	2,77	2,58	10,39	12,70	95
	2.0+2.0+4.2	2,29	2,29	4,81	---	---	2,97	9,40	10,29	0,60	2,47	2,77	2,75	11,31	12,70	95
	2.0+2.0+5.0	2,22	2,22	5,56	---	---	3,20	10,00	10,90	0,61	2,76	2,95	2,80	12,64	13,49	95
	2.0+2.0+6.0	2,00	2,00	6,00	---	---	3,49	10,00	11,14	0,62	2,72	2,92	2,84	12,45	13,36	95
	2.0+2.0+7.1	1,80	1,80	6,40	---	---	3,80	10,00	11,18	0,66	2,67	2,91	3,01	12,22	13,31	95
	2.0+2.5+2.5	2,43	3,04	3,04	---	---	2,62	8,50	9,58	0,54	2,15	2,48	2,45	9,84	11,34	95
	2.0+2.5+3.5	2,33	2,91	4,07	---	---	2,92	9,30	10,29	0,58	2,45	2,77	2,67	11,22	12,70	95

Notes

1. The total capacity of each connected indoor unit is up to 14.6kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	2.0+2.5+4.2	2,30	2,87	4,83	---	---	3,12	10,00	10,77	0,63	2,77	3,00	2,88	12,68	13,71	95
	2.0+2.5+5.0	2,11	2,63	5,26	---	---	3,35	10,00	10,90	0,63	2,73	2,95	2,88	12,50	13,49	95
	2.0+2.5+6.0	1,90	2,38	5,71	---	---	3,63	10,00	11,14	0,64	2,68	2,92	2,93	12,27	13,36	95
	2.0+2.5+7.1	1,72	2,16	6,12	---	---	3,95	10,00	11,18	0,69	2,66	2,91	3,14	12,18	13,31	95
	2.0+3.5+3.5	2,22	3,89	3,89	---	---	3,20	10,00	10,77	0,65	2,76	3,00	2,97	12,64	13,71	95
	2.0+3.5+4.2	2,06	3,61	4,33	---	---	3,41	10,00	10,97	0,68	2,75	3,10	3,10	12,59	14,19	95
	2.0+3.5+5.0	1,90	3,33	4,76	---	---	3,63	10,00	11,34	0,68	2,73	3,17	3,10	12,50	14,50	95
	2.0+3.5+6.0	1,74	3,04	5,22	---	---	3,92	10,00	11,15	0,69	2,68	2,92	3,14	12,27	13,36	95
	2.0+3.5+7.1	1,59	2,78	5,63	---	---	4,23	10,00	11,18	0,76	2,72	2,91	3,48	12,45	13,31	95
	2.0+4.2+4.2	1,92	4,04	4,04	---	---	3,60	10,00	10,98	0,70	2,73	3,10	3,18	12,50	14,19	95
	2.0+4.2+5.0	1,79	3,75	4,46	---	---	3,84	10,00	11,35	0,72	2,71	3,17	3,31	12,41	14,50	95
	2.0+4.2+6.0	1,64	3,44	4,92	---	---	4,12	10,00	11,16	0,73	2,60	2,92	3,36	11,90	13,36	95
	2.0+4.2+7.1	1,50	3,16	5,34	---	---	4,44	10,00	11,19	0,78	2,55	2,90	3,57	11,68	13,27	95
	2.0+5.0+5.0	1,67	4,17	4,17	---	---	4,07	10,00	11,06	0,75	2,59	2,96	3,44	11,86	13,53	95
	2.0+5.0+6.0	1,54	3,85	4,62	---	---	4,36	10,00	11,29	0,74	2,55	2,87	3,40	11,68	13,14	95
	2.0+5.0+7.1	1,42	3,55	5,04	---	---	4,67	10,00	11,33	0,81	2,53	2,85	3,70	11,58	13,05	95
	2.0+6.0+6.0	1,43	4,29	4,29	---	---	4,64	10,00	11,53	0,77	2,44	2,78	3,53	11,17	12,74	95
	2.0+6.0+7.1	1,32	3,97	4,70	---	---	4,96	10,00	11,56	0,82	2,39	2,77	3,74	10,94	12,70	95
	2.5+2.5+2.5	3,33	3,33	3,33	---	---	2,77	10,00	10,28	0,56	2,67	2,77	2,58	12,22	12,70	95
	2.5+2.5+3.5	2,94	2,94	4,12	---	---	3,06	10,00	10,29	0,63	2,63	2,77	2,88	12,04	12,70	95
	2.5+2.5+4.2	2,72	2,72	4,57	---	---	3,26	10,00	10,77	0,65	2,61	3,00	2,97	11,95	13,71	95
	2.5+2.5+5.0	2,50	2,50	5,00	---	---	3,49	10,00	11,33	0,66	2,51	3,17	3,01	11,49	14,50	95
	2.5+2.5+6.0	2,27	2,27	5,45	---	---	3,77	10,00	11,14	0,67	2,46	2,92	3,05	11,26	13,36	95
	2.5+2.5+7.1	2,07	2,07	5,87	---	---	4,09	10,00	11,18	0,73	2,41	2,91	3,36	11,03	13,31	95
	2.5+3.5+3.5	2,63	3,68	3,68	---	---	3,35	10,00	11,19	0,68	2,57	3,22	3,10	11,77	14,72	95
	2.5+3.5+4.2	2,45	3,43	4,12	---	---	3,55	10,00	11,20	0,70	2,55	3,22	3,18	11,68	14,72	95
	2.5+3.5+5.0	2,27	3,18	4,55	---	---	3,77	10,00	11,34	0,71	2,45	3,17	3,23	11,22	14,50	95
	2.5+3.5+6.0	2,08	2,92	5,00	---	---	4,07	10,00	11,15	0,71	2,40	2,92	3,27	10,99	13,36	95
	2.5+3.5+7.1	1,91	2,67	5,42	---	---	4,39	10,00	11,18	0,78	2,36	2,91	3,57	10,81	13,31	95
	2.5+4.2+4.2	2,29	3,85	3,85	---	---	3,75	10,00	11,20	0,72	2,53	3,22	3,31	11,58	14,72	95
	2.5+4.2+5.0	2,14	3,59	4,27	---	---	3,98	10,00	11,35	0,75	2,43	3,17	3,44	11,13	14,50	95
	2.5+4.2+6.0	1,97	3,31	4,72	---	---	4,26	10,00	11,16	0,76	2,39	2,92	3,48	10,94	13,36	95
	2.5+4.2+7.1	1,81	3,04	5,14	---	---	4,58	10,00	11,19	0,81	2,34	2,90	3,70	10,71	13,27	95
	2.5+5.0+5.0	2,00	4,00	4,00	---	---	4,21	10,00	11,06	0,78	2,41	2,96	3,57	11,03	13,53	95
	2.5+5.0+6.0	1,85	3,70	4,44	---	---	4,50	10,00	11,29	0,79	2,37	2,87	3,61	10,85	13,14	95
	2.5+5.0+7.1	1,71	3,42	4,86	---	---	4,81	10,00	11,33	0,84	2,33	2,85	3,83	10,67	13,05	95
	2.5+6.0+6.0	1,72	4,14	4,14	---	---	4,78	10,00	11,53	0,80	2,35	2,78	3,66	10,76	12,74	95
	2.5+6.0+7.1	1,60	3,85	4,55	---	---	5,10	10,00	11,56	0,85	2,31	2,77	3,87	10,58	12,70	95
	3.5+3.5+3.5	3,33	3,33	3,33	---	---	3,63	10,00	11,19	0,72	2,66	3,22	3,31	12,18	14,72	95
	3.5+3.5+4.2	3,13	3,13	3,75	---	---	3,84	10,00	11,20	0,75	2,63	3,22	3,44	12,04	14,72	95
	3.5+3.5+5.0	2,92	2,92	4,17	---	---	4,07	10,00	11,35	0,78	2,53	3,17	3,57	11,58	14,50	95
	3.5+3.5+6.0	2,69	2,69	4,62	---	---	4,36	10,00	11,16	0,79	2,48	2,92	3,61	11,36	13,36	95
	3.5+3.5+7.1	2,48	2,48	5,04	---	---	4,67	10,00	11,19	0,84	2,43	2,90	3,83	11,13	13,27	95
	3.5+4.2+4.2	2,94	3,53	3,53	---	---	4,04	10,00	11,21	0,80	2,61	3,21	3,66	11,95	14,67	95

Notes

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

4 Combination table

4 - 1 Combination Table

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	3.5+4.2+5.0	2,76	3,31	3,94	---	---	4,26	10,00	10,93	0,80	2,51	3,00	3,66	11,49	13,71	95
	3.5+4.2+6.0	2,55	3,07	4,38	---	---	4,55	10,00	11,17	0,82	2,46	2,91	3,74	11,26	13,31	95
	3.5+4.2+7.1	2,36	2,84	4,80	---	---	4,88	10,00	11,20	0,89	2,41	2,90	4,09	11,03	13,27	95
	3.5+5.0+5.0	2,59	3,70	3,70	---	---	4,50	10,00	11,07	0,84	2,49	2,95	3,83	11,40	13,49	95
	3.5+5.0+6.0	2,41	3,45	4,14	---	---	4,78	10,00	11,29	0,85	2,44	2,86	3,87	11,17	13,09	95
	3.5+5.0+7.1	2,24	3,21	4,55	---	---	5,10	10,00	11,34	0,89	2,39	2,85	4,09	10,94	13,05	95
	3.5+6.0+6.0	2,26	3,87	3,87	---	---	5,07	10,00	11,53	0,86	2,42	2,78	3,91	11,08	12,74	95
	4.2+4.2+4.2	3,33	3,33	3,33	---	---	4,23	10,00	11,22	0,83	2,59	3,21	3,79	11,86	14,67	95
	4.2+4.2+5.0	3,13	3,13	3,73	---	---	4,47	10,00	10,94	0,86	2,49	3,00	3,91	11,40	13,71	95
	4.2+4.2+6.0	2,92	2,92	4,17	---	---	4,75	10,00	11,18	0,86	2,44	2,91	3,96	11,17	13,31	95
	4.2+4.2+7.1	2,71	2,71	4,58	---	---	5,07	10,00	11,21	0,92	2,39	2,90	4,22	10,94	13,27	95
	4.2+5.0+5.0	2,96	3,52	3,52	---	---	4,70	10,00	11,07	0,86	2,47	2,95	3,91	11,31	13,49	95
	4.2+5.0+6.0	2,76	3,29	3,95	---	---	4,99	10,00	11,30	0,87	2,42	2,86	4,00	11,08	13,09	95
	5.0+5.0+5.0	3,33	3,33	3,33	---	---	4,93	10,00	11,20	0,89	2,45	2,90	4,09	11,22	13,27	95
	1.5+1.5+1.5+1.5	1,83	1,83	1,83	1,83	---	2,33	7,30	9,17	0,43	1,71	2,15	1,98	7,83	9,84	95
	1.5+1.5+1.5+2.0	1,85	1,85	1,85	2,46	---	2,48	8,00	9,80	0,45	1,93	2,34	2,06	8,84	10,72	95
	1.5+1.5+1.5+2.5	1,82	1,82	1,82	3,04	---	2,63	8,50	9,80	0,47	2,07	2,34	2,15	9,48	10,72	95
	1.5+1.5+1.5+3.5	1,74	1,74	1,74	4,07	---	2,92	9,30	10,60	0,51	2,32	2,64	2,32	10,62	12,08	95
	1.5+1.5+1.5+4.2	1,72	1,72	1,72	4,83	---	3,12	10,00	11,17	0,55	2,60	2,91	2,54	11,90	13,31	95
	1.5+1.5+1.5+5.0	1,58	1,58	1,58	5,26	---	3,35	10,00	11,29	0,55	2,50	2,86	2,54	11,45	13,09	95
	1.5+1.5+1.5+6.0	1,43	1,43	1,43	5,71	---	3,63	10,00	11,53	0,56	2,45	2,78	2,58	11,22	12,74	95
	1.5+1.5+1.5+7.1	1,29	1,29	1,29	6,12	---	3,95	10,00	11,56	0,62	2,40	2,76	2,84	10,99	12,65	95
	1.5+1.5+2.0+2.0	1,82	1,82	2,43	2,43	---	2,63	8,50	9,80	0,47	2,04	2,34	2,15	9,34	10,72	95
	1.5+1.5+2.0+2.5	1,80	1,80	2,40	3,00	---	2,77	9,00	10,59	0,49	2,19	2,65	2,24	10,03	12,13	95
	1.5+1.5+2.0+3.5	1,76	1,76	2,35	4,12	---	3,06	10,00	10,60	0,55	2,52	2,64	2,54	11,54	12,08	95
	1.5+1.5+2.0+4.2	1,63	1,63	2,17	4,57	---	3,26	10,00	11,17	0,57	2,50	2,91	2,62	11,45	13,31	95
	1.5+1.5+2.0+5.0	1,50	1,50	2,00	5,00	---	3,49	10,00	11,29	0,60	2,40	2,86	2,75	10,99	13,09	95
	1.5+1.5+2.0+6.0	1,36	1,36	1,82	5,45	---	3,77	10,00	11,53	0,58	2,35	2,78	2,67	10,76	12,74	95
	1.5+1.5+2.0+7.1	1,24	1,24	1,65	5,87	---	4,09	10,00	11,56	0,65	2,31	2,76	2,97	10,58	12,65	95
	1.5+1.5+2.5+2.5	1,88	1,88	3,13	3,13	---	2,92	10,00	10,59	0,54	2,54	2,65	2,45	11,63	12,13	95
	1.5+1.5+2.5+3.5	1,67	1,67	2,78	3,89	---	3,20	10,00	11,16	0,57	2,50	2,92	2,62	11,45	13,36	95
	1.5+1.5+2.5+4.2	1,55	1,55	2,58	4,33	---	3,41	10,00	11,17	0,59	2,48	2,91	2,71	11,36	13,31	95
	1.5+1.5+2.5+5.0	1,43	1,43	2,38	4,76	---	3,63	10,00	11,29	0,62	2,38	2,86	2,84	10,90	13,09	95
	1.5+1.5+2.5+6.0	1,30	1,30	2,17	5,22	---	3,92	10,00	11,53	0,63	2,34	2,78	2,88	10,71	12,74	95
	1.5+1.5+2.5+7.1	1,19	1,19	1,98	5,63	---	4,23	10,00	11,56	0,67	2,29	2,76	3,05	10,49	12,65	95
	1.5+1.5+3.5+3.5	1,50	1,50	3,50	3,50	---	3,49	10,00	11,17	0,62	2,48	2,91	2,84	11,36	13,31	95
	1.5+1.5+3.5+4.2	1,40	1,40	3,27	3,93	---	3,69	10,00	11,17	0,64	2,46	2,91	2,93	11,26	13,31	95
	1.5+1.5+3.5+5.0	1,30	1,30	3,04	4,35	---	3,92	10,00	11,30	0,67	2,36	2,86	3,05	10,81	13,09	95
	1.5+1.5+3.5+6.0	1,20	1,20	2,80	4,80	---	4,21	10,00	11,54	0,68	2,32	2,77	3,10	10,62	12,70	95
	1.5+1.5+3.5+7.1	1,10	1,10	2,57	5,22	---	4,53	10,00	11,58	0,74	2,28	2,76	3,40	10,44	12,65	95
	1.5+1.5+4.2+4.2	1,32	1,32	3,68	3,68	---	3,90	10,00	11,18	0,69	2,44	2,91	3,14	11,17	13,31	95
	1.5+1.5+4.2+5.0	1,23	1,23	3,44	4,10	---	4,12	10,00	11,32	0,71	2,34	2,86	3,27	10,71	13,09	95
	1.5+1.5+4.2+6.0	1,14	1,14	3,18	4,55	---	4,41	10,00	11,55	0,72	2,30	2,77	3,31	10,53	12,70	95
	1.5+1.5+4.2+7.1	1,05	1,05	2,94	4,97	---	4,72	10,00	11,59	0,76	2,26	2,76	3,48	10,35	12,65	95

Notes

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1kW class
   Wall-mounted CTX-M, FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1.5+1.5+5.0+5.0	1,15	1,15	3,85	3,85	---	4,36	10,00	11,45	0,71	2,33	2,81	3,27	10,67	12,87	95
	1.5+1.5+5.0+6.0	1,07	1,07	3,57	4,29	---	4,64	10,00	11,68	0,72	2,28	2,78	3,31	10,44	12,74	95
	1.5+1.5+5.0+7.1	0,99	0,99	3,31	4,70	---	4,96	10,00	11,72	0,79	2,24	2,76	3,61	10,26	12,65	95
	1.5+1.5+6.0+6.0	1,00	1,00	4,00	4,00	---	4,93	10,00	11,92	0,75	2,27	2,70	3,44	10,39	12,35	95
	1.5+2.0+2.0+2.0	1,90	2,53	2,53	2,53	---	2,77	9,50	10,59	0,49	2,31	2,65	2,24	10,58	12,13	95
	1.5+2.0+2.0+2.5	1,88	2,50	2,50	3,13	---	2,92	10,00	10,59	0,54	2,42	2,65	2,45	11,08	12,13	95
	1.5+2.0+2.0+3.5	1,67	2,22	2,22	3,89	---	3,20	10,00	11,16	0,57	2,40	2,92	2,62	10,99	13,36	95
	1.5+2.0+2.0+4.2	1,55	2,06	2,06	4,33	---	3,41	10,00	11,17	0,59	2,38	2,91	2,71	10,90	13,31	95
	1.5+2.0+2.0+5.0	1,43	1,90	1,90	4,76	---	3,63	10,00	11,29	0,62	2,35	2,86	2,84	10,76	13,09	95
	1.5+2.0+2.0+6.0	1,30	1,74	1,74	5,22	---	3,92	10,00	11,53	0,63	2,31	2,78	2,88	10,58	12,74	95
	1.5+2.0+2.0+7.1	1,19	1,59	1,59	5,63	---	4,23	10,00	11,56	0,67	2,29	2,76	3,05	10,49	12,65	95
	1.5+2.0+2.5+2.5	1,76	2,35	2,94	2,94	---	3,06	10,00	10,59	0,55	2,51	2,65	2,54	11,49	12,13	95
	1.5+2.0+2.5+3.5	1,58	2,11	2,63	3,68	---	3,35	10,00	11,16	0,59	2,47	2,92	2,71	11,31	13,36	95
	1.5+2.0+2.5+4.2	1,47	1,96	2,45	4,12	---	3,55	10,00	11,17	0,62	2,45	2,91	2,84	11,22	13,31	95
	1.5+2.0+2.5+5.0	1,36	1,82	2,27	4,55	---	3,77	10,00	11,29	0,64	2,36	2,86	2,93	10,81	13,09	95
	1.5+2.0+2.5+6.0	1,25	1,67	2,08	5,00	---	4,07	10,00	11,53	0,65	2,31	2,78	2,97	10,58	12,74	95
	1.5+2.0+2.5+7.1	1,15	1,53	1,91	5,42	---	4,39	10,00	11,56	0,70	2,27	2,76	3,18	10,39	12,65	95
	1.5+2.0+3.5+3.5	1,43	1,90	3,33	3,33	---	3,63	10,00	11,17	0,64	2,45	2,91	2,93	11,22	13,31	95
	1.5+2.0+3.5+4.2	1,34	1,79	3,13	3,75	---	3,84	10,00	11,17	0,69	2,43	2,91	3,14	11,13	13,31	95
	1.5+2.0+3.5+5.0	1,25	1,67	2,92	4,17	---	4,07	10,00	11,30	0,69	2,34	2,86	3,14	10,71	13,09	95
	1.5+2.0+3.5+6.0	1,15	1,54	2,69	4,62	---	4,36	10,00	11,54	0,70	2,30	2,77	3,18	10,53	12,70	95
	1.5+2.0+3.5+7.1	1,06	1,42	2,48	5,04	---	4,67	10,00	11,58	0,76	2,25	2,76	3,48	10,30	12,65	95
	1.5+2.0+4.2+4.2	1,26	1,68	3,53	3,53	---	4,04	10,00	11,18	0,71	2,41	2,91	3,23	11,03	13,31	95
	1.5+2.0+4.2+5.0	1,18	1,57	3,31	3,94	---	4,26	10,00	11,32	0,73	2,32	2,86	3,36	10,62	13,09	95
	1.5+2.0+4.2+6.0	1,09	1,46	3,07	4,38	---	4,55	10,00	11,55	0,74	2,28	2,77	3,40	10,44	12,70	95
	1.5+2.0+4.2+7.1	1,01	1,35	2,84	4,80	---	4,88	10,00	11,59	0,79	2,24	2,76	3,61	10,26	12,65	95
	1.5+2.0+5.0+5.0	1,11	1,48	3,70	3,70	---	4,50	10,00	11,45	0,74	2,31	2,81	3,40	10,58	12,87	95
	1.5+2.0+5.0+6.0	1,03	1,38	3,45	4,14	---	4,78	10,00	11,68	0,77	2,26	2,78	3,53	10,35	12,74	95
	1.5+2.0+5.0+7.1	0,96	1,28	3,21	4,55	---	5,10	10,00	11,72	0,82	2,22	2,76	3,74	10,17	12,65	95
	1.5+2.0+6.0+6.0	0,97	1,29	3,87	3,87	---	5,07	10,00	11,92	0,78	2,25	2,70	3,57	10,30	12,35	95
	1.5+2.5+2.5+2.5	1,67	2,78	2,78	2,78	---	3,20	10,00	11,15	0,57	2,49	2,92	2,62	11,40	13,36	95
	1.5+2.5+2.5+3.5	1,50	2,50	2,50	3,50	---	3,49	10,00	11,16	0,62	2,45	2,92	2,84	11,22	13,36	95
	1.5+2.5+2.5+4.2	1,40	2,34	2,34	3,93	---	3,69	10,00	11,17	0,64	2,43	2,91	2,93	11,13	13,31	95
	1.5+2.5+2.5+5.0	1,30	2,17	2,17	4,35	---	3,92	10,00	11,29	0,67	2,34	2,86	3,05	10,71	13,09	95
	1.5+2.5+2.5+6.0	1,20	2,00	2,00	4,80	---	4,21	10,00	11,53	0,68	2,30	2,78	3,10	10,53	12,74	95
	1.5+2.5+2.5+7.1	1,10	1,84	1,84	5,22	---	4,53	10,00	11,56	0,74	2,25	2,76	3,40	10,30	12,65	95
	1.5+2.5+3.5+3.5	1,36	2,27	3,18	3,18	---	3,77	10,00	11,17	0,67	2,43	2,91	3,05	11,13	13,31	95
	1.5+2.5+3.5+4.2	1,28	2,14	2,99	3,59	---	3,98	10,00	11,17	0,71	2,41	2,91	3,27	11,03	13,31	95
	1.5+2.5+3.5+5.0	1,20	2,00	2,80	4,00	---	4,21	10,00	11,30	0,71	2,32	2,86	3,27	10,62	13,09	95
	1.5+2.5+3.5+6.0	1,11	1,85	2,59	4,44	---	4,50	10,00	11,54	0,72	2,28	2,77	3,31	10,44	12,70	95
	1.5+2.5+3.5+7.1	1,03	1,71	2,40	4,86	---	4,81	10,00	11,58	0,79	2,24	2,76	3,61	10,26	12,65	95
	1.5+2.5+4.2+4.2	1,21	2,02	3,39	3,39	---	4,18	10,00	11,18	0,73	2,40	2,91	3,36	10,99	13,31	95
	1.5+2.5+4.2+5.0	1,14	1,89	3,18	3,79	---	4,41	10,00	11,32	0,76	2,31	2,86	3,48	10,58	13,09	95
	1.5+2.5+4.2+6.0	1,06	1,76	2,96	4,23	---	4,70	10,00	11,55	0,77	2,26	2,77	3,53	10,35	12,70	95

Notes

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTX-M, FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

3D103933A

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1.5+2.5+4.2+7.1	0,98	1,63	2,75	4,64	---	5,02	10,00	11,59	0,85	2,22	2,76	3,87	10,17	12,65	17
	1.5+2.5+5.0+5.0	1,07	1,79	3,57	3,57	---	4,18	10,00	11,18	0,73	2,29	2,91	3,36	10,49	13,31	17
	1.5+2.5+5.0+6.0	1,00	1,67	3,33	4,00	---	4,41	10,00	11,32	0,76	2,25	2,86	3,48	10,30	13,09	17
	1.5+3.5+3.5+3.5	1,25	2,92	2,92	2,92	---	4,07	10,00	11,17	0,71	2,43	2,91	3,27	11,13	13,31	17
	1.5+3.5+3.5+4.2	1,18	2,76	2,76	3,31	---	4,26	10,00	11,18	0,76	2,41	2,91	3,48	11,03	13,31	17
	1.5+3.5+3.5+5.0	1,11	2,59	2,59	3,70	---	4,50	10,00	11,32	0,79	2,32	2,86	3,61	10,62	13,09	17
	1.5+3.5+3.5+6.0	1,03	2,41	2,41	4,14	---	4,78	10,00	11,55	0,80	2,28	2,77	3,66	10,44	12,70	17
	1.5+3.5+3.5+7.1	0,96	2,24	2,24	4,55	---	5,10	10,00	11,59	0,85	2,24	2,76	3,87	10,26	12,65	17
	1.5+3.5+4.2+4.2	1,12	2,61	3,13	3,13	---	4,47	10,00	11,19	0,78	2,40	2,90	3,57	10,99	13,27	17
	1.5+3.5+4.2+5.0	1,06	2,46	2,96	3,52	---	4,70	10,00	11,33	0,81	2,31	2,86	3,70	10,58	13,09	17
	1.5+3.5+4.2+6.0	0,99	2,30	2,76	3,95	---	4,99	10,00	11,56	0,82	2,26	2,77	3,74	10,35	12,70	17
	1.5+3.5+5.0+5.0	1,00	2,33	3,33	3,33	---	4,93	10,00	11,45	0,85	2,29	2,81	3,87	10,49	12,87	17
	1.5+4.2+4.2+4.2	1,06	2,98	2,98	2,98	---	4,67	10,00	11,20	0,84	2,38	2,90	3,83	10,90	13,27	17
	1.5+4.2+4.2+5.0	1,01	2,82	2,82	3,36	---	4,90	10,00	11,34	0,86	2,29	2,85	3,96	10,49	13,05	17
	2.0+2.0+2.0+2.0	2,50	2,50	2,50	2,50	---	2,92	10,00	10,59	0,54	2,53	2,65	2,45	11,58	12,13	17
	2.0+2.0+2.0+2.5	2,35	2,35	2,35	2,94	---	3,06	10,00	10,59	0,55	2,51	2,65	2,54	11,49	12,13	17
	2.0+2.0+2.0+3.5	2,11	2,11	2,11	3,68	---	3,35	10,00	11,16	0,59	2,47	2,92	2,71	11,31	13,36	17
	2.0+2.0+2.0+4.2	1,96	1,96	1,96	4,12	---	3,55	10,00	11,17	0,62	2,45	2,91	2,84	11,22	13,31	17
	2.0+2.0+2.0+5.0	1,82	1,82	1,82	4,55	---	3,77	10,00	11,29	0,64	2,36	2,87	2,93	10,81	13,14	17
	2.0+2.0+2.0+6.0	1,67	1,67	1,67	5,00	---	4,07	10,00	11,53	0,65	2,31	2,78	2,97	10,58	12,74	17
	2.0+2.0+2.0+7.1	1,53	1,53	1,53	5,42	---	4,39	10,00	11,56	0,70	2,27	2,76	3,18	10,39	12,65	17
	2.0+2.0+2.5+2.5	2,22	2,22	2,78	2,78	---	3,20	10,00	11,15	0,57	2,49	2,92	2,62	11,40	13,36	17
	2.0+2.0+2.5+3.5	2,00	2,00	2,50	3,50	---	3,49	10,00	11,16	0,62	2,45	2,92	2,84	11,22	13,36	17
	2.0+2.0+2.5+4.2	1,87	1,87	2,34	3,93	---	3,69	10,00	11,17	0,64	2,43	2,91	2,93	11,13	13,31	17
	2.0+2.0+2.5+5.0	1,74	1,74	2,17	4,35	---	3,92	10,00	11,29	0,67	2,34	2,87	3,05	10,71	13,14	17
	2.0+2.0+2.5+6.0	1,60	1,60	2,00	4,80	---	4,21	10,00	11,53	0,68	2,30	2,78	3,10	10,53	12,74	17
	2.0+2.0+2.5+7.1	1,47	1,47	1,84	5,22	---	4,53	10,00	11,56	0,74	2,25	2,76	3,40	10,30	12,65	17
	2.0+2.0+3.5+3.5	1,82	1,82	3,18	3,18	---	3,77	10,00	11,17	0,67	2,43	2,91	3,05	11,13	13,31	17
	2.0+2.0+3.5+4.2	1,71	1,71	2,99	3,59	---	3,98	10,00	11,17	0,71	2,41	2,91	3,27	11,03	13,31	17
	2.0+2.0+3.5+5.0	1,60	1,60	2,80	4,00	---	4,21	10,00	11,30	0,71	2,32	2,86	3,27	10,62	13,09	17
	2.0+2.0+3.5+6.0	1,48	1,48	2,59	4,44	---	4,50	10,00	11,54	0,72	2,28	2,77	3,31	10,44	12,70	17
	2.0+2.0+3.5+7.1	1,37	1,37	2,40	4,86	---	4,81	10,00	11,58	0,79	2,24	2,76	3,61	10,26	12,65	17
	2.0+2.0+4.2+4.2	1,61	1,61	3,39	3,39	---	4,18	10,00	11,18	0,73	2,40	2,91	3,36	10,99	13,31	17
	2.0+2.0+4.2+5.0	1,52	1,52	3,18	3,79	---	4,41	10,00	11,32	0,76	2,31	2,86	3,48	10,58	13,09	17
	2.0+2.0+4.2+6.0	1,41	1,41	2,96	4,23	---	4,70	10,00	11,55	0,77	2,26	2,77	3,53	10,35	12,70	17
	2.0+2.0+4.2+7.1	1,31	1,31	2,75	4,64	---	5,02	10,00	11,59	0,85	2,22	2,76	3,87	10,17	12,65	17
	2.0+2.0+5.0+5.0	1,43	1,43	3,57	3,57	---	4,64	10,00	11,45	0,79	2,29	2,81	3,61	10,49	12,87	17
	2.0+2.0+5.0+6.0	1,33	1,33	3,33	4,00	---	4,93	10,00	11,68	0,80	2,25	2,78	3,66	10,30	12,74	17
	2.0+2.5+2.5+2.5	2,11	2,63	2,63	2,63	---	3,35	10,00	11,15	0,60	2,47	2,92	2,75	11,31	13,36	17
	2.0+2.5+2.5+3.5	1,90	2,38	2,38	3,33	---	3,63	10,00	11,16	0,64	2,43	2,92	2,93	11,13	13,36	17
	2.0+2.5+2.5+4.2	1,79	2,23	2,23	3,75	---	3,84	10,00	11,17	0,69	2,41	2,91	3,14	11,03	13,31	17
	2.0+2.5+2.5+5.0	1,67	2,08	2,08	4,17	---	4,07	10,00	11,29	0,69	2,32	2,87	3,14	10,62	13,14	17
	2.0+2.5+2.5+6.0	1,54	1,92	1,92	4,62	---	4,36	10,00	11,53	0,70	2,28	2,78	3,18	10,44	12,74	17
	2.0+2.5+2.5+7.1	1,42	1,77	1,77	5,04	---	4,67	10,00	11,56	0,77	2,24	2,76	3,53	10,26	12,65	17

Notes

1. The total capacity of each connected indoor unit is up to 15.3kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTX-M, FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	2.0+2.5+3.5+3.5	1,74	2,17	3,04	3,04	---	3,92	10,00	11,17	0,69	2,41	2,91	3,14	11,03	13,31	95
	2.0+2.5+3.5+4.2	1,64	2,05	2,87	3,44	---	4,12	10,00	11,17	0,73	2,40	2,91	3,36	10,99	13,31	95
	2.0+2.5+3.5+5.0	1,54	1,92	2,69	3,85	---	4,36	10,00	11,30	0,73	2,31	2,86	3,36	10,58	13,09	95
	2.0+2.5+3.5+6.0	1,43	1,79	2,50	4,29	---	4,64	10,00	11,54	0,77	2,26	2,77	3,53	10,35	12,70	95
	2.0+2.5+3.5+7.1	1,32	1,66	2,32	4,70	---	4,96	10,00	11,58	0,82	2,22	2,76	3,74	10,17	12,65	95
	2.0+2.5+4.2+4.2	1,55	1,94	3,26	3,26	---	4,32	10,00	11,18	0,76	2,38	2,91	3,48	10,90	13,31	95
	2.0+2.5+4.2+5.0	1,46	1,82	3,07	3,65	---	4,55	10,00	11,32	0,79	2,29	2,86	3,61	10,49	13,09	95
	2.0+2.5+4.2+6.0	1,36	1,70	2,86	4,08	---	4,85	10,00	11,55	0,80	2,25	2,77	3,66	10,30	12,70	95
	2.0+2.5+5.0+5.0	1,38	1,72	3,45	3,45	---	4,78	10,00	11,45	0,82	2,27	2,81	3,74	10,39	12,87	95
	2.0+2.5+5.0+6.0	1,29	1,61	3,23	3,87	---	5,07	10,00	11,68	0,83	2,23	2,78	3,79	10,21	12,74	95
	2.0+3.5+3.5+3.5	1,60	2,80	2,80	2,80	---	4,21	10,00	11,17	0,73	2,41	2,91	3,36	11,03	13,31	95
	2.0+3.5+3.5+4.2	1,52	2,65	2,65	3,18	---	4,41	10,00	11,18	0,79	2,40	2,91	3,61	10,99	13,31	95
	2.0+3.5+3.5+5.0	1,43	2,50	2,50	3,57	---	4,64	10,00	11,32	0,82	2,31	2,86	3,74	10,58	13,09	95
	2.0+3.5+3.5+6.0	1,33	2,33	2,33	4,00	---	4,93	10,00	11,55	0,82	2,26	2,77	3,74	10,35	12,70	95
	2.0+3.5+4.2+4.2	1,44	2,52	3,02	3,02	---	4,61	10,00	11,19	0,84	2,38	2,90	3,83	10,90	13,27	95
	2.0+3.5+4.2+5.0	1,36	2,38	2,86	3,40	---	4,85	10,00	11,33	0,84	2,29	2,86	3,83	10,49	13,09	95
	2.0+3.5+5.0+5.0	1,29	2,26	3,23	3,23	---	5,07	10,00	11,45	0,86	2,29	2,81	3,96	10,49	12,87	95
	2.0+4.2+4.2+4.2	1,37	2,88	2,88	2,88	---	4,81	10,00	11,20	0,86	2,36	2,90	3,96	10,81	13,27	95
	2.0+4.2+4.2+5.0	1,30	2,73	2,73	3,25	---	5,04	10,00	11,34	0,89	2,27	2,85	4,09	10,39	13,05	95
	2.5+2.5+2.5+2.5	2,50	2,50	2,50	2,50	---	3,49	10,00	11,15	0,62	2,45	2,92	2,84	11,22	13,36	95
	2.5+2.5+2.5+3.5	2,27	2,27	2,27	3,18	---	3,77	10,00	11,16	0,67	2,41	2,92	3,05	11,03	13,36	95
	2.5+2.5+2.5+4.2	2,14	2,14	2,14	3,59	---	3,98	10,00	11,17	0,71	2,40	2,91	3,27	10,99	13,31	95
	2.5+2.5+2.5+5.0	2,00	2,00	2,00	4,00	---	4,21	10,00	11,29	0,71	2,31	2,87	3,27	10,58	13,14	95
	2.5+2.5+2.5+6.0	1,85	1,85	1,85	4,44	---	4,50	10,00	11,53	0,72	2,26	2,78	3,31	10,35	12,74	95
	2.5+2.5+2.5+7.1	1,71	1,71	1,71	4,86	---	4,81	10,00	11,56	0,79	2,22	2,76	3,61	10,17	12,65	95
	2.5+2.5+3.5+3.5	2,08	2,08	2,92	2,92	---	4,07	10,00	11,17	0,71	2,40	2,91	3,27	10,99	13,31	95
	2.5+2.5+3.5+4.2	1,97	1,97	2,76	3,31	---	4,26	10,00	11,17	0,76	2,38	2,91	3,48	10,90	13,31	95
	2.5+2.5+3.5+5.0	1,85	1,85	2,59	3,70	---	4,50	10,00	11,30	0,79	2,29	2,86	3,61	10,49	13,09	95
	2.5+2.5+3.5+6.0	1,72	1,72	2,41	4,14	---	4,78	10,00	11,54	0,80	2,25	2,77	3,66	10,30	12,70	95
	2.5+2.5+3.5+7.1	1,60	1,60	2,24	4,55	---	5,10	10,00	11,58	0,85	2,21	2,76	3,87	10,12	12,65	95
	2.5+2.5+4.2+4.2	1,87	1,87	3,13	3,13	---	4,47	10,00	11,18	0,79	2,36	2,91	3,61	10,81	13,31	95
	2.5+2.5+4.2+5.0	1,76	1,76	2,96	3,52	---	4,70	10,00	11,32	0,82	2,27	2,86	3,74	10,39	13,09	95
	2.5+2.5+4.2+6.0	1,64	1,64	2,76	3,95	---	4,99	10,00	11,55	0,82	2,23	2,77	3,74	10,21	12,70	95
	2.5+2.5+5.0+5.0	1,67	1,67	3,33	3,33	---	4,93	10,00	11,45	0,85	2,25	2,81	3,87	10,30	12,87	95
	2.5+3.5+3.5+3.5	1,92	2,69	2,69	2,69	---	4,36	10,00	11,17	0,79	2,40	2,91	3,61	10,99	13,31	95
	2.5+3.5+3.5+4.2	1,82	2,55	2,55	3,07	---	4,55	10,00	11,18	0,81	2,38	2,91	3,70	10,90	13,31	95
	2.5+3.5+3.5+5.0	1,72	2,41	2,41	3,45	---	4,78	10,00	11,32	0,84	2,29	2,86	3,83	10,49	13,09	95
	2.5+3.5+3.5+6.0	1,61	2,26	2,26	3,87	---	5,07	10,00	11,55	0,85	2,25	2,77	3,87	10,30	12,70	95
	2.5+3.5+4.2+4.2	1,74	2,43	2,92	2,92	---	4,75	10,00	11,19	0,86	2,36	2,90	3,96	10,81	13,27	95
	2.5+3.5+4.2+5.0	1,64	2,30	2,76	3,29	---	4,99	10,00	11,33	0,86	2,27	2,86	3,96	10,39	13,09	95
	2.5+4.2+4.2+4.2	1,66	2,78	2,78	2,78	---	4,96	10,00	11,20	0,89	2,34	2,90	4,09	10,71	13,27	95
	3.5+3.5+3.5+3.5	2,50	2,50	2,50	2,50	---	4,64	10,00	11,18	0,84	2,33	2,91	3,83	10,67	13,31	95
	3.5+3.5+3.5+4.2	2,38	2,38	2,38	2,86	---	4,85	10,00	11,19	0,86	2,31	2,90	3,96	10,58	13,27	95
	3.5+3.5+3.5+5.0	2,26	2,26	2,26	3,23	---	5,07	10,00	11,33	0,89	2,23	2,86	4,09	10,21	13,09	95

Notes

1. The total capacity of each connected indoor unit is up to 15.5kW.
2. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

3D103935A

4 Combination table

4 - 1 Combination Table

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	3.5+3.5+4.2+4.2	2,27	2,27	2,73	2,73	---	5,04	10,00	11,20	0,92	2,30	2,90	4,22	10,53	13,27	95
	1.5+1.5+1.5+1.5+1.5	2,00	2,00	2,00	2,00	2,00	2,77	10,00	10,90	0,42	2,14	2,57	1,94	9,80	11,77	95
	1.5+1.5+1.5+1.5+2.0	1,88	1,88	1,88	1,88	2,50	2,92	10,00	10,90	0,44	2,13	2,57	2,02	9,75	11,77	95
	1.5+1.5+1.5+1.5+2.5	1,76	1,76	1,76	1,76	2,94	3,06	10,00	10,90	0,48	2,11	2,57	2,19	9,66	11,77	95
	1.5+1.5+1.5+1.5+3.5	1,58	1,58	1,58	1,58	3,68	3,35	10,00	11,55	0,52	2,08	2,77	2,37	9,52	12,70	95
	1.5+1.5+1.5+1.5+4.2	1,47	1,47	1,47	1,47	4,12	3,55	10,00	11,55	0,55	2,07	2,77	2,54	9,48	12,70	95
	1.5+1.5+1.5+1.5+5.0	1,36	1,36	1,36	1,36	4,55	3,77	10,00	11,69	0,56	2,00	2,78	2,58	9,16	12,74	95
	1.5+1.5+1.5+1.5+6.0	1,25	1,25	1,25	1,25	5,00	4,07	10,00	11,93	0,56	1,99	2,70	2,58	9,11	12,35	95
	1.5+1.5+1.5+1.5+7.1	1,15	1,15	1,15	1,15	5,42	4,39	10,00	11,96	0,62	1,96	2,68	2,84	8,98	12,26	95
	1.5+1.5+1.5+2.0+2.0	1,76	1,76	1,76	2,35	2,35	3,06	10,00	10,90	0,48	2,11	2,57	2,19	9,66	11,77	95
	1.5+1.5+1.5+2.0+2.5	1,67	1,67	1,67	2,22	2,78	3,20	10,00	11,54	0,50	2,10	2,77	2,28	9,62	12,70	95
	1.5+1.5+1.5+2.0+3.5	1,50	1,50	1,50	2,00	3,50	3,49	10,00	11,55	0,54	2,07	2,77	2,45	9,48	12,70	95
	1.5+1.5+1.5+2.0+4.2	1,40	1,40	1,40	1,87	3,93	3,69	10,00	11,55	0,58	2,06	2,77	2,67	9,43	12,70	95
	1.5+1.5+1.5+2.0+5.0	1,30	1,30	1,30	1,74	4,35	3,92	10,00	11,69	0,58	1,99	2,78	2,67	9,11	12,74	95
	1.5+1.5+1.5+2.0+6.0	1,20	1,20	1,20	1,60	4,80	4,21	10,00	11,93	0,61	1,96	2,70	2,80	8,98	12,35	95
	1.5+1.5+1.5+2.0+7.1	1,10	1,10	1,10	1,47	5,22	4,53	10,00	11,96	0,65	1,93	2,68	2,97	8,84	12,26	95
	1.5+1.5+1.5+2.5+2.5	1,58	1,58	1,58	2,63	2,63	3,35	10,00	11,54	0,52	2,08	2,77	2,37	9,52	12,70	95
	1.5+1.5+1.5+2.5+3.5	1,43	1,43	1,43	2,38	3,33	3,63	10,00	11,55	0,56	2,06	2,77	2,58	9,43	12,70	95
	1.5+1.5+1.5+2.5+4.2	1,34	1,34	1,34	2,23	3,75	3,84	10,00	11,55	0,60	2,04	2,77	2,75	9,34	12,70	95
	1.5+1.5+1.5+2.5+5.0	1,25	1,25	1,25	2,08	4,17	4,07	10,00	11,69	0,62	1,98	2,78	2,84	9,07	12,74	95
	1.5+1.5+1.5+2.5+6.0	1,15	1,15	1,15	1,92	4,62	4,36	10,00	11,93	0,63	1,95	2,70	2,88	8,93	12,35	95
	1.5+1.5+1.5+2.5+7.1	1,06	1,06	1,06	1,77	5,04	4,67	10,00	11,96	0,67	1,92	2,68	3,05	8,79	12,26	95
	1.5+1.5+1.5+3.5+3.5	1,30	1,30	1,30	3,04	3,04	3,92	10,00	11,55	0,62	2,04	2,77	2,84	9,34	12,70	95
	1.5+1.5+1.5+3.5+4.2	1,23	1,23	1,23	2,87	3,44	4,12	10,00	11,56	0,65	2,03	2,77	2,97	9,30	12,70	95
	1.5+1.5+1.5+3.5+5.0	1,15	1,15	1,15	2,69	3,85	4,36	10,00	11,70	0,67	1,97	2,77	3,05	9,02	12,70	95
	1.5+1.5+1.5+3.5+6.0	1,07	1,07	1,07	2,50	4,29	4,64	10,00	11,94	0,68	1,94	2,69	3,10	8,88	12,30	95
	1.5+1.5+1.5+3.5+7.1	0,99	0,99	0,99	2,32	4,70	4,96	10,00	11,97	0,74	1,91	2,68	3,40	8,75	12,26	95
	1.5+1.5+1.5+4.2+4.2	1,16	1,16	1,16	3,26	3,26	4,32	10,00	11,58	0,69	2,02	2,76	3,14	9,25	12,65	95
	1.5+1.5+1.5+4.2+5.0	1,09	1,09	1,09	3,07	3,65	4,55	10,00	11,71	0,71	1,97	2,77	3,27	9,02	12,70	95
	1.5+1.5+1.5+4.2+6.0	1,02	1,02	1,02	2,86	4,08	4,85	10,00	11,95	0,72	1,91	2,69	3,31	8,75	12,30	95
	1.5+1.5+1.5+5.0+5.0	1,03	1,03	1,03	3,45	3,45	4,78	10,00	11,84	0,71	1,90	2,73	3,27	8,70	12,48	95
	1.5+1.5+1.5+5.0+6.0	0,97	0,97	0,97	3,23	3,87	5,07	10,00	12,07	0,74	1,87	2,64	3,40	8,56	12,08	95
	1.5+1.5+2.0+2.0+2.0	1,67	1,67	2,22	2,22	2,22	3,20	10,00	11,54	0,50	2,10	2,77	2,28	9,62	12,70	95
	1.5+1.5+2.0+2.0+2.5	1,58	1,58	2,11	2,11	2,63	3,35	10,00	11,54	0,52	2,09	2,77	2,37	9,57	12,70	95
	1.5+1.5+2.0+2.0+3.5	1,43	1,43	1,90	1,90	3,33	3,63	10,00	11,55	0,56	2,09	2,77	2,58	9,57	12,70	95
	1.5+1.5+2.0+2.0+4.2	1,34	1,34	1,79	1,79	3,75	3,84	10,00	11,55	0,60	2,08	2,77	2,75	9,52	12,70	95
	1.5+1.5+2.0+2.0+5.0	1,25	1,25	1,67	1,67	4,17	4,07	10,00	11,69	0,62	2,07	2,78	2,84	9,48	12,74	95
	1.5+1.5+2.0+2.0+6.0	1,15	1,15	1,54	1,54	4,62	4,36	10,00	11,93	0,63	2,07	2,70	2,88	9,48	12,35	95
	1.5+1.5+2.0+2.0+7.1	1,06	1,06	1,42	1,42	5,04	4,67	10,00	11,96	0,67	2,06	2,68	3,05	9,43	12,26	95
	1.5+1.5+2.0+2.5+2.5	1,50	1,50	2,00	2,50	2,50	3,49	10,00	11,54	0,55	2,09	2,77	2,50	9,57	12,70	95
	1.5+1.5+2.0+2.5+3.5	1,36	1,36	1,82	2,27	3,18	3,77	10,00	11,55	0,58	2,08	2,77	2,67	9,52	12,70	95
	1.5+1.5+2.0+2.5+4.2	1,28	1,28	1,71	2,14	3,59	3,98	10,00	11,55	0,62	2,08	2,77	2,84	9,52	12,70	95
	1.5+1.5+2.0+2.5+5.0	1,20	1,20	1,60	2,00	4,00	4,21	10,00	11,69	0,65	2,07	2,78	2,97	9,48	12,74	95
	1.5+1.5+2.0+2.5+6.0	1,11	1,11	1,48	1,85	4,44	4,50	10,00	11,93	0,65	2,03	2,70	2,97	9,30	12,35	95

Notes

1. The total capacity of each connected indoor unit is up to 15.5kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTX-M, FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1.5+1.5+2.0+2.5+7.1	1,03	1,03	1,37	1,71	4,86	4,81	10,00	11,96	0,71	2,02	2,68	3,27	9,25	12,26	95
	1.5+1.5+2.0+3.5+3.5	1,25	1,25	1,67	2,92	2,92	4,07	10,00	11,55	0,65	2,08	2,77	2,97	9,52	12,70	95
	1.5+1.5+2.0+3.5+4.2	1,18	1,18	1,57	2,76	3,31	4,26	10,00	11,56	0,67	2,07	2,77	3,05	9,48	12,70	95
	1.5+1.5+2.0+3.5+5.0	1,11	1,11	1,48	2,59	3,70	4,50	10,00	11,70	0,70	2,06	2,77	3,18	9,43	12,70	95
	1.5+1.5+2.0+3.5+6.0	1,03	1,03	1,38	2,41	4,14	4,78	10,00	11,94	0,70	2,02	2,69	3,18	9,25	12,30	95
	1.5+1.5+2.0+3.5+7.1	0,96	0,96	1,28	2,24	4,55	5,10	10,00	11,97	0,76	1,99	2,68	3,48	9,11	12,26	95
	1.5+1.5+2.0+4.2+4.2	1,12	1,12	1,49	3,13	3,13	4,47	10,00	11,58	0,71	2,07	2,76	3,27	9,48	12,65	95
	1.5+1.5+2.0+4.2+5.0	1,06	1,06	1,41	2,96	3,52	4,70	10,00	11,71	0,74	2,06	2,77	3,40	9,43	12,70	95
	1.5+1.5+2.0+4.2+6.0	0,99	0,99	1,32	2,76	3,95	4,99	10,00	11,95	0,74	2,05	2,69	3,40	9,39	12,30	95
	1.5+1.5+2.0+5.0+5.0	1,00	1,00	1,33	3,33	3,33	4,93	10,00	11,84	0,77	2,00	2,73	3,53	9,16	12,48	95
	1.5+1.5+2.5+2.5+2.5	1,43	1,43	2,38	2,38	2,38	3,63	10,00	11,54	0,56	2,08	2,77	2,58	9,52	12,70	95
	1.5+1.5+2.5+2.5+3.5	1,30	1,30	2,17	2,17	3,04	3,92	10,00	11,55	0,63	2,07	2,77	2,88	9,48	12,70	95
	1.5+1.5+2.5+2.5+4.2	1,23	1,23	2,05	2,05	3,44	4,12	10,00	11,55	0,65	2,07	2,77	2,97	9,48	12,70	95
	1.5+1.5+2.5+2.5+5.0	1,15	1,15	1,92	1,92	3,85	4,36	10,00	11,69	0,67	2,06	2,78	3,05	9,43	12,74	95
	1.5+1.5+2.5+2.5+6.0	1,07	1,07	1,79	1,79	4,29	4,64	10,00	11,93	0,68	2,05	2,70	3,10	9,39	12,35	95
	1.5+1.5+2.5+2.5+7.1	0,99	0,99	1,66	1,66	4,70	4,96	10,00	11,96	0,74	2,05	2,68	3,40	9,39	12,26	95
	1.5+1.5+2.5+3.5+3.5	1,20	1,20	2,00	2,80	2,80	4,21	10,00	11,55	0,67	2,07	2,77	3,05	9,48	12,70	95
	1.5+1.5+2.5+3.5+4.2	1,14	1,14	1,89	2,65	3,18	4,41	10,00	11,56	0,71	2,07	2,77	3,27	9,48	12,70	95
	1.5+1.5+2.5+3.5+5.0	1,07	1,07	1,79	2,50	3,57	4,64	10,00	11,70	0,71	2,05	2,77	3,27	9,39	12,70	95
	1.5+1.5+2.5+3.5+6.0	1,00	1,00	1,67	2,33	4,00	4,93	10,00	11,94	0,74	2,05	2,69	3,40	9,39	12,30	95
	1.5+1.5+2.5+4.2+4.2	1,08	1,08	1,80	3,02	3,02	4,61	10,00	11,58	0,74	2,06	2,76	3,40	9,43	12,65	95
	1.5+1.5+2.5+4.2+5.0	1,02	1,02	1,70	2,86	3,40	4,85	10,00	11,71	0,77	2,05	2,77	3,53	9,39	12,70	95
	1.5+1.5+2.5+5.0+5.0	0,97	0,97	1,61	3,23	3,23	5,07	10,00	11,84	0,79	2,00	2,73	3,61	9,16	12,48	95
	1.5+1.5+3.5+3.5+3.5	1,11	1,11	2,59	2,59	2,59	4,50	10,00	11,56	0,71	2,05	2,77	3,27	9,39	12,70	95
	1.5+1.5+3.5+3.5+4.2	1,06	1,06	2,46	2,46	2,96	4,70	10,00	11,58	0,76	2,04	2,76	3,48	9,34	12,65	95
	1.5+1.5+3.5+3.5+5.0	1,00	1,00	2,33	2,33	3,33	4,93	10,00	11,71	0,79	2,03	2,77	3,61	9,30	12,70	95
	1.5+1.5+3.5+4.2+4.2	1,01	1,01	2,35	2,82	2,82	4,90	10,00	11,59	0,82	2,04	2,76	3,74	9,34	12,65	95
	1.5+2.0+2.0+2.0+2.0	1,58	2,11	2,11	2,11	2,11	3,35	10,00	11,54	0,52	2,07	2,77	2,37	9,48	12,70	95
	1.5+2.0+2.0+2.0+2.5	1,50	2,00	2,00	2,00	2,50	3,49	10,00	11,54	0,55	2,07	2,77	2,50	9,48	12,70	95
	1.5+2.0+2.0+2.0+3.5	1,36	1,82	1,82	1,82	3,18	3,77	10,00	11,55	0,58	2,06	2,77	2,67	9,43	12,70	95
	1.5+2.0+2.0+2.0+4.2	1,28	1,71	1,71	1,71	3,59	3,98	10,00	11,55	0,62	2,06	2,77	2,84	9,43	12,70	95
	1.5+2.0+2.0+2.0+5.0	1,20	1,60	1,60	1,60	4,00	4,21	10,00	11,69	0,65	2,05	2,78	2,97	9,39	12,74	95
	1.5+2.0+2.0+2.0+6.0	1,11	1,48	1,48	1,48	4,44	4,50	10,00	11,93	0,65	2,04	2,70	2,97	9,34	12,35	95
	1.5+2.0+2.0+2.0+7.1	1,03	1,37	1,37	1,37	4,86	4,81	10,00	11,96	0,71	2,00	2,68	3,27	9,16	12,26	95
	1.5+2.0+2.0+2.5+2.5	1,43	1,90	1,90	2,38	2,38	3,63	10,00	11,54	0,56	2,07	2,77	2,58	9,48	12,70	95
	1.5+2.0+2.0+2.5+3.5	1,30	1,74	1,74	2,17	3,04	3,92	10,00	11,55	0,63	2,06	2,77	2,88	9,43	12,70	95
	1.5+2.0+2.0+2.5+4.2	1,23	1,64	1,64	2,05	3,44	4,12	10,00	11,55	0,65	2,05	2,77	2,97	9,39	12,70	95
	1.5+2.0+2.0+2.5+5.0	1,15	1,54	1,54	1,92	3,85	4,36	10,00	11,69	0,67	2,04	2,78	3,05	9,34	12,74	95
	1.5+2.0+2.0+2.5+6.0	1,07	1,43	1,43	1,79	4,29	4,64	10,00	11,93	0,68	2,04	2,70	3,10	9,34	12,35	95
	1.5+2.0+2.0+2.5+7.1	0,99	1,32	1,32	1,66	4,70	4,96	10,00	11,96	0,74	2,00	2,68	3,40	9,16	12,26	95
	1.5+2.0+2.0+3.5+3.5	1,20	1,60	1,60	2,80	2,80	4,21	10,00	11,55	0,67	2,05	2,77	3,05	9,39	12,70	95
	1.5+2.0+2.0+3.5+4.2	1,14	1,52	1,52	2,65	3,18	4,41	10,00	11,56	0,71	2,05	2,77	3,27	9,39	12,70	95
	1.5+2.0+2.0+3.5+5.0	1,07	1,43	1,43	2,50	3,57	4,64	10,00	11,70	0,71	2,04	2,77	3,27	9,34	12,70	95
	1.5+2.0+2.0+3.5+6.0	1,00	1,33	1,33	2,33	4,00	4,93	10,00	11,94	0,74	2,00	2,69	3,40	9,16	12,30	95

Notes

1. The total capacity of each connected indoor unit is up to 15.5kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTX-M, FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

3D103937A

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1.5+2.0+2.0+4.2+4.2	1,08	1,44	1,44	3,02	3,02	4,61	10,00	11,58	0,74	2,05	2,76	3,40	9,39	12,65	95
	1.5+2.0+2.0+4.2+5.0	1,02	1,36	1,36	2,86	3,40	4,85	10,00	11,71	0,77	2,03	2,77	3,53	9,30	12,70	95
	1.5+2.0+2.0+5.0+5.0	0,97	1,29	1,29	3,23	3,23	5,07	10,00	11,84	0,79	2,00	2,73	3,61	9,16	12,48	95
	1.5+2.0+2.5+2.5+2.5	1,36	1,82	2,27	2,27	2,27	3,77	10,00	11,54	0,58	2,07	2,77	2,67	9,48	12,70	95
	1.5+2.0+2.5+2.5+3.5	1,25	1,67	2,08	2,08	2,92	4,07	10,00	11,55	0,65	2,06	2,77	2,97	9,43	12,70	95
	1.5+2.0+2.5+2.5+4.2	1,18	1,57	1,97	1,97	3,31	4,26	10,00	11,55	0,67	2,05	2,77	3,05	9,39	12,70	95
	1.5+2.0+2.5+2.5+5.0	1,11	1,48	1,85	1,85	3,70	4,50	10,00	11,69	0,70	2,04	2,78	3,18	9,34	12,74	95
	1.5+2.0+2.5+2.5+6.0	1,03	1,38	1,72	1,72	4,14	4,78	10,00	11,93	0,70	2,04	2,70	3,18	9,34	12,35	95
	1.5+2.0+2.5+2.5+7.1	0,96	1,28	1,60	1,60	4,55	5,10	10,00	11,96	0,77	2,00	2,68	3,53	9,16	12,26	95
	1.5+2.0+2.5+3.5+3.5	1,15	1,54	1,92	2,69	2,69	4,36	10,00	11,55	0,70	2,05	2,77	3,18	9,39	12,70	95
	1.5+2.0+2.5+3.5+4.2	1,09	1,46	1,82	2,55	3,07	4,55	10,00	11,56	0,74	2,05	2,77	3,40	9,39	12,70	95
	1.5+2.0+2.5+3.5+5.0	1,03	1,38	1,72	2,41	3,45	4,78	10,00	11,70	0,77	2,04	2,77	3,53	9,34	12,70	95
	1.5+2.0+2.5+3.5+6.0	0,97	1,29	1,61	2,26	3,87	5,07	10,00	11,94	0,77	2,00	2,69	3,53	9,16	12,30	95
	1.5+2.0+2.5+4.2+4.2	1,04	1,39	1,74	2,92	2,92	4,75	10,00	11,58	0,76	2,05	2,76	3,48	9,39	12,65	95
	1.5+2.0+2.5+4.2+5.0	0,99	1,32	1,64	2,76	3,29	4,99	10,00	11,71	0,79	1,99	2,77	3,61	9,11	12,70	95
	1.5+2.0+3.5+3.5+3.5	1,07	1,43	2,50	2,50	2,50	4,64	10,00	11,56	0,77	2,05	2,77	3,53	9,39	12,70	95
	1.5+2.0+3.5+3.5+4.2	1,02	1,36	2,38	2,38	2,86	4,85	10,00	11,58	0,79	2,05	2,76	3,61	9,39	12,65	95
	1.5+2.0+3.5+3.5+5.0	0,97	1,29	2,26	2,26	3,23	5,07	10,00	11,71	0,82	2,00	2,77	3,74	9,16	12,70	95
	1.5+2.0+3.5+4.2+4.2	0,97	1,30	2,27	2,73	2,73	5,04	10,00	11,59	0,85	2,04	2,76	3,87	9,34	12,65	95
	1.5+2.5+2.5+2.5+2.5	1,30	2,17	2,17	2,17	2,17	3,92	10,00	11,54	0,63	2,06	2,77	2,88	9,43	12,70	95
	1.5+2.5+2.5+2.5+3.5	1,20	2,00	2,00	2,00	2,80	4,21	10,00	11,55	0,67	2,03	2,77	3,05	9,30	12,70	95
	1.5+2.5+2.5+2.5+4.2	1,14	1,89	1,89	1,89	3,18	4,41	10,00	11,55	0,71	2,03	2,77	3,27	9,30	12,70	95
	1.5+2.5+2.5+2.5+5.0	1,07	1,79	1,79	1,79	3,57	4,64	10,00	11,69	0,71	1,98	2,78	3,27	9,07	12,74	95
	1.5+2.5+2.5+2.5+6.0	1,00	1,67	1,67	1,67	4,00	4,93	10,00	11,93	0,75	1,98	2,70	3,44	9,07	12,35	95
	1.5+2.5+2.5+3.5+3.5	1,11	1,85	1,85	2,59	2,59	4,50	10,00	11,55	0,71	2,03	2,77	3,27	9,30	12,70	95
	1.5+2.5+2.5+3.5+4.2	1,06	1,76	1,76	2,46	2,96	4,70	10,00	11,56	0,77	2,02	2,77	3,53	9,25	12,70	95
	1.5+2.5+2.5+3.5+5.0	1,00	1,67	1,67	2,33	3,33	4,93	10,00	11,70	0,79	1,97	2,77	3,61	9,02	12,70	95
	1.5+2.5+2.5+4.2+4.2	1,01	1,68	1,68	2,82	2,82	4,90	10,00	11,58	0,82	2,02	2,76	3,74	9,25	12,65	95
	1.5+2.5+3.5+3.5+3.5	1,03	1,72	2,41	2,41	2,41	4,78	10,00	11,56	0,79	2,02	2,77	3,61	9,25	12,70	95
	1.5+2.5+3.5+3.5+4.2	0,99	1,64	2,30	2,30	2,76	4,99	10,00	11,58	0,82	2,02	2,76	3,74	9,25	12,65	95
	1.5+3.5+3.5+3.5+3.5	0,97	2,26	2,26	2,26	2,26	5,07	10,00	11,58	0,85	2,00	2,76	3,87	9,16	12,65	95
	2.0+2.0+2.0+2.0+2.0	2,00	2,00	2,00	2,00	2,00	3,49	10,00	11,54	0,55	2,05	2,77	2,50	9,39	12,70	95
	2.0+2.0+2.0+2.0+2.5	1,90	1,90	1,90	1,90	2,38	3,63	10,00	11,54	0,56	2,05	2,77	2,58	9,39	12,70	95
	2.0+2.0+2.0+2.0+3.5	1,74	1,74	1,74	1,74	3,04	3,92	10,00	11,55	0,63	2,04	2,77	2,88	9,34	12,70	95
	2.0+2.0+2.0+2.0+4.2	1,64	1,64	1,64	1,64	3,44	4,12	10,00	11,55	0,65	2,03	2,77	2,97	9,30	12,70	95
	2.0+2.0+2.0+2.0+5.0	1,54	1,54	1,54	1,54	3,85	4,36	10,00	11,69	0,67	2,00	2,78	3,05	9,16	12,74	95
	2.0+2.0+2.0+2.0+6.0	1,43	1,43	1,43	1,43	4,29	4,64	10,00	11,93	0,68	1,99	2,70	3,10	9,11	12,35	95
	2.0+2.0+2.0+2.0+7.1	1,32	1,32	1,32	1,32	4,70	4,96	10,00	11,96	0,74	1,99	2,68	3,40	9,11	12,26	95
	2.0+2.0+2.0+2.5+2.5	1,82	1,82	1,82	2,27	2,27	3,77	10,00	11,54	0,58	2,04	2,77	2,67	9,34	12,70	95
	2.0+2.0+2.0+2.5+3.5	1,67	1,67	1,67	2,08	2,92	4,07	10,00	11,55	0,65	2,03	2,77	2,97	9,30	12,70	95
	2.0+2.0+2.0+2.5+4.2	1,57	1,57	1,57	1,97	3,31	4,26	10,00	11,55	0,67	2,03	2,77	3,05	9,30	12,70	95
	2.0+2.0+2.0+2.5+5.0	1,48	1,48	1,48	1,85	3,70	4,50	10,00	11,69	0,70	1,99	2,78	3,18	9,11	12,74	95
	2.0+2.0+2.0+2.5+6.0	1,38	1,38	1,38	1,72	4,14	4,78	10,00	11,93	0,70	1,99	2,70	3,18	9,11	12,35	95
	2.0+2.0+2.0+2.5+7.1	1,28	1,28	1,28	1,60	4,55	5,10	10,00	11,96	0,77	1,98	2,68	3,53	9,07	12,26	95

Notes

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTX-M, FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

4 Combination table

4 - 1 Combination Table

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	2.0+2.0+2.0+3.5+3.5	1,54	1,54	1,54	2,69	2,69	3,77	10,00	11,54	0,58	2,03	2,77	2,67	9,30	12,70	95
	2.0+2.0+2.0+3.5+4.2	1,46	1,46	1,46	2,55	3,07	4,55	10,00	11,56	0,74	2,03	2,77	3,40	9,30	12,70	95
	2.0+2.0+2.0+3.5+5.0	1,38	1,38	1,38	2,41	3,45	4,78	10,00	11,70	0,77	1,99	2,77	3,53	9,11	12,70	95
	2.0+2.0+2.0+3.5+6.0	1,29	1,29	1,29	2,26	3,87	5,07	10,00	11,94	0,77	1,99	2,69	3,53	9,11	12,30	95
	2.0+2.0+2.0+4.2+4.2	1,39	1,39	1,39	2,92	2,92	4,75	10,00	11,58	0,76	2,02	2,76	3,48	9,25	12,65	95
	2.0+2.0+2.0+4.2+5.0	1,32	1,32	1,32	2,76	3,29	4,99	10,00	11,71	0,79	2,01	2,83	3,61	9,20	12,96	95
	2.0+2.0+2.5+2.5+2.5	1,74	1,74	2,17	2,17	2,17	3,92	10,00	11,54	0,63	2,04	2,77	2,88	9,34	12,70	95
	2.0+2.0+2.5+2.5+3.5	1,60	1,60	2,00	2,00	2,80	4,21	10,00	11,55	0,67	2,03	2,77	3,05	9,30	12,70	95
	2.0+2.0+2.5+2.5+4.2	1,52	1,52	1,89	1,89	3,18	4,41	10,00	11,55	0,70	2,03	2,77	3,18	9,30	12,70	95
	2.0+2.0+2.5+2.5+5.0	1,43	1,43	1,79	1,79	3,57	4,64	10,00	11,69	0,71	1,99	2,78	3,27	9,11	12,74	95
	2.0+2.0+2.5+2.5+6.0	1,33	1,33	1,67	1,67	4,00	4,93	10,00	11,93	0,75	1,99	2,70	3,44	9,11	12,35	95
	2.0+2.0+2.5+3.5+3.5	1,48	1,48	1,85	2,59	2,59	4,50	10,00	11,55	0,71	1,99	2,77	3,27	9,11	12,70	95
	2.0+2.0+2.5+3.5+4.2	1,41	1,41	1,76	2,46	2,96	4,70	10,00	11,56	0,77	1,99	2,77	3,53	9,11	12,70	95
	2.0+2.0+2.5+3.5+5.0	1,33	1,33	1,67	2,33	3,33	4,93	10,00	11,70	0,79	1,98	2,77	3,61	9,07	12,70	95
	2.0+2.0+2.5+4.2+4.2	1,34	1,34	1,68	2,82	2,82	4,90	10,00	11,58	0,82	1,99	2,82	3,74	9,11	12,92	95
	2.0+2.0+3.5+3.5+3.5	1,38	1,38	2,41	2,41	2,41	4,78	10,00	11,56	0,79	1,99	2,77	3,61	9,11	12,70	95
	2.0+2.0+3.5+3.5+4.2	1,32	1,32	2,30	2,30	2,76	4,99	10,00	11,58	0,82	1,99	2,82	3,74	9,11	12,92	95
	2.0+2.5+2.5+2.5+2.5	1,67	2,08	2,08	2,08	2,08	4,07	10,00	11,54	0,65	2,03	2,77	2,97	9,30	12,70	95
	2.0+2.5+2.5+2.5+3.5	1,54	1,92	1,92	1,92	2,69	4,36	10,00	11,55	0,70	2,03	2,77	3,18	9,30	12,70	95
	2.0+2.5+2.5+2.5+4.2	1,46	1,82	1,82	1,82	3,07	4,55	10,00	11,55	0,74	2,02	2,77	3,40	9,25	12,70	95
	2.0+2.5+2.5+2.5+5.0	1,38	1,72	1,72	1,72	3,45	4,78	10,00	11,69	0,77	1,99	2,78	3,53	9,11	12,74	95
	2.0+2.5+2.5+2.5+6.0	1,29	1,61	1,61	1,61	3,87	5,07	10,00	11,93	0,77	1,98	2,70	3,53	9,07	12,35	95
	2.0+2.5+2.5+3.5+3.5	1,43	1,79	1,79	2,50	2,50	4,64	10,00	11,55	0,77	1,99	2,77	3,53	9,11	12,70	95
	2.0+2.5+2.5+3.5+4.2	1,36	1,70	1,70	2,38	2,86	4,85	10,00	11,56	0,79	1,99	2,77	3,61	9,11	12,70	95
	2.0+2.5+2.5+3.5+5.0	1,29	1,61	1,61	2,26	3,23	5,07	10,00	11,70	0,82	1,98	2,77	3,74	9,07	12,70	95
	2.0+2.5+2.5+4.2+4.2	1,30	1,62	1,62	2,73	2,73	5,04	10,00	11,58	0,85	1,99	2,82	3,87	9,11	12,92	95
	2.0+2.5+3.5+3.5+3.5	1,33	1,67	2,33	2,33	2,33	4,93	10,00	11,56	0,82	1,99	2,77	3,74	9,11	12,70	95
	2.5+2.5+2.5+2.5+2.5	2,00	2,00	2,00	2,00	2,00	4,21	10,00	11,54	0,68	2,03	2,77	3,10	9,30	12,70	95
	2.5+2.5+2.5+2.5+3.5	1,85	1,85	1,85	1,85	2,59	4,50	10,00	11,55	0,72	2,02	2,77	3,31	9,25	12,70	95
	2.5+2.5+2.5+2.5+4.2	1,76	1,76	1,76	1,76	2,96	4,70	10,00	11,55	0,77	2,02	2,77	3,53	9,25	12,70	95
	2.5+2.5+2.5+2.5+5.0	1,67	1,67	1,67	1,67	3,33	4,93	10,00	11,69	0,80	2,00	2,78	3,66	9,16	12,74	95
	2.5+2.5+2.5+3.5+3.5	1,72	1,72	1,72	2,41	2,41	4,78	10,00	11,55	0,80	2,02	2,77	3,66	9,25	12,70	95
	2.5+2.5+2.5+3.5+4.2	1,64	1,64	1,64	2,30	2,76	4,99	10,00	11,56	0,82	2,01	2,77	3,74	9,20	12,70	95
	2.5+2.5+3.5+3.5+3.5	1,61	1,61	2,26	2,26	2,26	5,07	10,00	11,56	0,85	1,99	2,77	3,87	9,11	12,70	95

Notes

1. The total capacity of each connected indoor unit is up to 15.5kW.
2. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

3D103939A

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1,5	22,0	3,00	0,75	3,14	0,76	3,28	0,78	3,35	0,79	3,56	0,81	3,70	0,83
	25,0	2,91	0,78	3,05	0,79	3,19	0,81	3,26	0,82	3,47	0,84	3,61	0,86
	32,0	2,72	0,85	2,86	0,87	2,99	0,89	3,06	0,90	3,27	0,92	3,41	0,94
	35,0	2,63	0,89	2,77	0,91	2,91	0,92	2,98	0,93	3,19	0,96	3,33	0,97
	40,0	2,49	0,95	2,63	0,97	2,77	0,99	2,84	0,99	3,05	1,02	3,19	1,03
	43,0	2,41	0,99	2,54	1,01	2,68	1,03	2,75	1,03	2,96	1,06	3,10	1,07
	46,0	2,32	1,03	2,46	1,05	2,60	1,07	2,67	1,07	2,88	1,10	3,02	1,12
2,0	22,0	3,11	0,81	3,25	0,82	3,39	0,84	3,46	0,85	3,67	0,87	3,81	0,89
	25,0	3,02	0,84	3,16	0,85	3,30	0,87	3,37	0,88	3,58	0,90	3,72	0,92
	32,0	2,83	0,91	2,97	0,93	3,10	0,95	3,17	0,96	3,38	0,98	3,52	1,00
	35,0	2,74	0,95	2,88	0,97	3,02	0,98	3,09	0,99	3,30	1,02	3,44	1,03
	40,0	2,60	1,01	2,74	1,03	2,88	1,05	2,95	1,05	3,16	1,08	3,30	1,09
	43,0	2,52	1,05	2,65	1,07	2,79	1,09	2,86	1,09	3,07	1,12	3,21	1,13
	46,0	2,43	1,09	2,57	1,11	2,71	1,13	2,78	1,13	2,99	1,16	3,13	1,18
2,5	22,0	3,63	0,96	3,77	0,97	3,91	0,99	3,98	1,00	4,19	1,02	4,33	1,04
	25,0	3,54	0,99	3,68	1,00	3,82	1,02	3,89	1,03	4,10	1,05	4,24	1,07
	32,0	3,35	1,06	3,49	1,08	3,62	1,10	3,69	1,11	3,90	1,13	4,04	1,15
	35,0	3,26	1,10	3,40	1,12	3,54	1,13	3,61	1,14	3,82	1,17	3,96	1,18
	40,0	3,12	1,16	3,26	1,18	3,40	1,20	3,47	1,20	3,68	1,23	3,82	1,24
	43,0	3,04	1,20	3,17	1,22	3,31	1,24	3,38	1,24	3,59	1,27	3,73	1,28
	46,0	2,95	1,24	3,09	1,26	3,23	1,28	3,30	1,28	3,51	1,31	3,65	1,33
3,5	22,0	3,39	0,66	4,14	0,85	4,95	1,06	5,38	1,08	5,84	1,26	6,06	1,29
	25,0	3,39	0,71	4,14	0,91	4,95	1,14	5,37	1,27	5,70	1,31	5,92	1,33
	32,0	3,39	0,85	4,14	1,09	4,94	1,37	5,05	1,38	5,39	1,42	5,61	1,44
	35,0	3,39	0,92	4,14	1,18	4,81	1,42	4,92	1,43	5,25	1,47	5,48	1,49
	40,0	3,39	1,05	4,14	1,36	4,58	1,51	4,70	1,52	5,03	1,56	5,25	1,58
	43,0	3,39	1,15	4,14	1,49	4,45	1,57	4,56	1,58	4,89	1,61	5,12	1,64
	46,0	3,39	1,26	4,09	1,60	4,32	1,63	4,43	1,64	4,76	1,67	4,98	1,70
4,2	22,0	3,53	0,77	4,28	0,96	5,09	1,17	5,52	1,19	5,98	1,37	6,20	1,40
	25,0	3,53	0,82	4,28	1,02	5,09	1,25	5,51	1,38	5,84	1,42	6,06	1,44
	32,0	3,53	0,96	4,28	1,20	5,08	1,48	5,19	1,49	5,53	1,53	5,75	1,55
	35,0	3,53	1,03	4,28	1,29	4,95	1,53	5,06	1,54	5,39	1,58	5,62	1,60
	40,0	3,53	1,16	4,28	1,47	4,72	1,62	4,84	1,63	5,17	1,67	5,39	1,69
	43,0	3,53	1,26	4,28	1,60	4,59	1,68	4,70	1,69	5,03	1,72	5,26	1,75
	46,0	3,53	1,37	4,23	1,71	4,46	1,74	4,57	1,75	4,90	1,78	5,12	1,81
5,0	22,0	4,36	0,83	5,27	1,09	6,25	1,41	6,53	1,49	6,91	1,53	7,16	1,56
	25,0	4,36	0,90	5,27	1,18	6,25	1,53	6,37	1,54	6,75	1,59	7,01	1,61
	32,0	4,36	1,08	5,27	1,44	5,89	1,66	6,01	1,68	6,39	1,72	6,65	1,75
	35,0	4,36	1,18	5,27	1,57	5,73	1,73	5,94	1,74	6,24	1,79	6,49	1,82
	40,0	4,36	1,37	5,22	1,81	5,48	1,84	5,60	1,85	5,98	1,90	6,24	1,93
	43,0	4,36	1,51	5,07	1,88	5,32	1,91	5,45	1,93	5,83	1,97	6,08	2,00
	46,0	4,36	1,67	4,92	1,96	5,17	1,99	5,30	2,00	5,68	2,04	5,93	2,07

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
6,0	22,0	5,15	1,26	6,06	1,52	7,04	1,84	7,32	1,92	7,70	1,96	7,95	1,99
	25,0	5,15	1,33	6,06	1,61	7,04	1,96	7,16	1,97	7,54	2,02	7,80	2,04
	32,0	5,15	1,51	6,06	1,87	6,68	2,09	6,80	2,11	7,18	2,15	7,44	2,18
	35,0	5,15	1,61	6,06	2,00	6,52	2,16	6,73	2,17	7,03	2,22	7,28	2,25
	40,0	5,15	1,80	6,01	2,24	6,27	2,27	6,39	2,28	6,77	2,33	7,03	2,36
	43,0	5,15	1,94	5,86	2,31	6,11	2,34	6,24	2,36	6,62	2,40	6,87	2,43
	46,0	5,15	2,10	5,71	2,39	5,96	2,42	6,09	2,43	6,47	2,47	6,72	2,50
7,1	22,0	5,95	1,75	6,86	2,01	7,84	2,33	8,12	2,41	8,50	2,45	8,75	2,48
	25,0	5,95	1,82	6,86	2,10	7,84	2,45	7,96	2,46	8,34	2,51	8,60	2,53
	32,0	5,95	2,00	6,86	2,36	7,48	2,58	7,60	2,60	7,98	2,64	8,24	2,67
	35,0	5,95	2,10	6,86	2,49	7,32	2,65	7,53	2,66	7,83	2,71	8,08	2,74
	40,0	5,95	2,29	6,81	2,73	7,07	2,76	7,19	2,77	7,57	2,82	7,83	2,85
	43,0	5,95	2,43	6,66	2,80	6,91	2,83	7,04	2,85	7,42	2,89	7,67	2,92
	46,0	5,95	2,59	6,51	2,88	6,76	2,91	6,89	2,92	7,27	2,96	7,52	2,99
1.5+1.5	22,0	4,14	0,69	4,39	0,72	4,63	0,75	4,75	0,76	5,12	0,81	5,36	0,83
	25,0	3,99	0,74	4,24	0,77	4,48	0,80	4,60	0,82	4,97	0,86	5,21	0,89
	32,0	3,65	0,88	3,89	0,91	4,14	0,94	4,26	0,95	4,62	0,99	4,87	1,02
	35,0	3,50	0,94	3,74	0,97	3,99	1,00	4,11	1,01	4,48	1,05	4,72	1,08
	40,0	3,25	1,05	3,50	1,08	3,74	1,11	3,86	1,12	4,23	1,16	4,47	1,19
	43,0	3,10	1,12	3,35	1,15	3,59	1,18	3,72	1,19	4,08	1,23	4,33	1,26
	46,0	2,96	1,19	3,20	1,22	3,44	1,25	3,57	1,26	3,93	1,31	4,18	1,34
1.5+2.0	22,0	4,62	0,87	4,87	0,90	5,11	0,93	5,23	0,94	5,60	0,99	5,84	1,01
	25,0	4,47	0,92	4,72	0,95	4,96	0,98	5,08	1,00	5,45	1,04	5,69	1,07
	32,0	4,13	1,06	4,37	1,09	4,62	1,12	4,74	1,13	5,10	1,17	5,35	1,20
	35,0	3,98	1,12	4,22	1,15	4,47	1,18	4,59	1,19	4,96	1,23	5,20	1,26
	40,0	3,73	1,23	3,98	1,26	4,22	1,29	4,34	1,30	4,71	1,34	4,95	1,37
	43,0	3,58	1,30	3,83	1,33	4,07	1,36	4,20	1,37	4,56	1,41	4,81	1,44
	46,0	3,44	1,37	3,68	1,40	3,92	1,43	4,05	1,44	4,41	1,49	4,66	1,52
1.5+2.5	22,0	5,09	0,91	5,34	0,94	5,58	0,97	5,70	0,98	6,07	1,03	6,31	1,05
	25,0	4,94	0,96	5,19	0,99	5,43	1,02	5,55	1,04	5,92	1,08	6,16	1,11
	32,0	4,60	1,10	4,84	1,13	5,09	1,16	5,21	1,17	5,57	1,21	5,82	1,24
	35,0	4,45	1,16	4,69	1,19	4,94	1,22	5,06	1,23	5,43	1,27	5,67	1,30
	40,0	4,20	1,27	4,45	1,30	4,69	1,33	4,81	1,34	5,18	1,38	5,42	1,41
	43,0	4,05	1,34	4,30	1,37	4,54	1,40	4,67	1,41	5,03	1,45	5,28	1,48
	46,0	3,91	1,41	4,15	1,44	4,39	1,47	4,52	1,48	4,88	1,53	5,13	1,56
1.5+3.5	22,0	5,98	1,22	6,27	1,25	6,46	1,28	6,71	1,30	7,15	1,35	7,44	1,38
	25,0	5,80	1,28	6,09	1,31	6,39	1,35	6,53	1,36	6,97	1,41	7,26	1,45
	32,0	5,39	1,44	5,68	1,47	5,97	1,50	6,12	1,52	6,56	1,57	6,85	1,60
	35,0	5,21	1,51	5,50	1,54	5,79	1,58	5,94	1,59	6,38	1,64	6,67	1,68
	40,0	4,91	1,64	5,20	1,67	5,50	1,70	5,64	1,72	6,08	1,77	6,38	1,80
	43,0	4,73	1,72	5,03	1,75	5,32	1,79	5,47	1,80	5,91	1,85	6,20	1,89
	46,0	4,56	1,80	4,85	1,84	5,14	1,87	5,29	1,89	5,73	1,94	6,02	1,97

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
4. Editable data for this drawing are available in the GDE system.

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104099

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+4.2	22,0	6,54	1,49	6,83	1,52	7,02	1,55	7,27	1,57	7,71	1,62	8,00	1,65
	25,0	6,36	1,55	6,65	1,58	6,95	1,62	7,09	1,63	7,53	1,68	7,82	1,72
	32,0	5,95	1,71	6,24	1,74	6,53	1,77	6,68	1,79	7,12	1,84	7,41	1,87
	35,0	5,77	1,78	6,06	1,81	6,35	1,85	6,50	1,86	6,94	1,91	7,23	1,95
	40,0	5,47	1,91	5,76	1,94	6,06	1,97	6,20	1,99	6,64	2,04	6,94	2,07
	43,0	5,29	1,99	5,59	2,02	5,88	2,06	6,03	2,07	6,47	2,12	6,76	2,16
	46,0	5,12	2,07	5,41	2,11	5,70	2,14	5,85	2,16	6,29	2,21	6,58	2,24
1.5+5.0	22,0	7,14	1,68	7,49	1,73	7,83	1,77	7,99	1,79	8,50	1,85	8,84	1,90
	25,0	6,95	1,76	7,29	1,81	7,62	1,85	7,79	1,87	8,30	1,93	8,46	1,97
	32,0	6,47	1,96	6,81	2,00	7,15	2,04	7,31	2,06	7,82	2,12	8,16	2,17
	35,0	6,27	2,05	6,60	2,09	6,94	2,13	7,11	2,15	7,62	2,21	7,95	2,26
	40,0	5,93	2,21	6,26	2,25	6,60	2,29	6,77	2,31	7,27	2,37	7,61	2,42
	43,0	5,72	2,31	6,06	2,35	6,40	2,39	6,57	2,41	7,07	2,47	7,41	2,52
	46,0	5,52	2,41	5,86	2,46	6,19	2,50	6,36	2,52	6,87	2,58	7,19	2,59
1.5+6.0	22,0	7,82	1,82	8,17	1,87	8,51	1,91	8,67	1,93	9,18	1,99	9,52	2,04
	25,0	7,63	1,90	7,97	1,95	8,30	1,99	8,47	2,01	8,98	2,07	9,14	2,11
	32,0	7,15	2,10	7,49	2,14	7,83	2,18	7,99	2,20	8,50	2,26	8,84	2,31
	35,0	6,95	2,19	7,28	2,23	7,62	2,27	7,79	2,29	8,30	2,35	8,63	2,40
	40,0	6,61	2,35	6,94	2,39	7,28	2,43	7,45	2,45	7,95	2,51	8,29	2,56
	43,0	6,40	2,45	6,74	2,49	7,08	2,53	7,25	2,55	7,75	2,61	8,09	2,66
	46,0	6,20	2,55	6,54	2,60	6,87	2,64	7,04	2,66	7,55	2,72	7,87	2,73
1.5+7.1	22,0	8,49	2,20	8,84	2,25	9,18	2,29	9,34	2,31	9,85	2,37	10,19	2,42
	25,0	8,30	2,28	8,64	2,33	8,97	2,37	9,14	2,39	9,65	2,45	9,81	2,49
	32,0	7,82	2,48	8,16	2,52	8,50	2,56	8,66	2,58	9,17	2,64	9,51	2,69
	35,0	7,62	2,57	7,95	2,61	8,29	2,65	8,46	2,67	8,97	2,73	9,30	2,78
	40,0	7,28	2,73	7,61	2,77	7,95	2,81	8,12	2,83	8,62	2,89	8,96	2,94
	43,0	7,07	2,83	7,41	2,87	7,75	2,91	7,92	2,93	8,42	2,99	8,76	3,04
	46,0	6,87	2,93	7,21	2,98	7,54	3,02	7,71	3,04	8,22	3,10	8,54	3,11
2.0+2.0	22,0	5,44	1,27	5,69	1,30	5,93	1,33	6,05	1,34	6,42	1,39	6,66	1,41
	25,0	5,29	1,32	5,54	1,35	5,78	1,38	5,90	1,40	6,27	1,44	6,51	1,47
	32,0	4,95	1,46	5,19	1,49	5,44	1,52	5,56	1,53	5,92	1,57	6,17	1,60
	35,0	4,80	1,52	5,04	1,55	5,29	1,58	5,41	1,59	5,78	1,63	6,02	1,66
	40,0	4,55	1,63	4,80	1,66	5,04	1,69	5,16	1,70	5,53	1,74	5,77	1,77
	43,0	4,40	1,70	4,65	1,73	4,89	1,76	5,02	1,77	5,38	1,81	5,63	1,84
	46,0	4,26	1,77	4,50	1,80	4,74	1,83	4,87	1,84	5,23	1,89	5,48	1,92
2.0+2.5	22,0	5,87	1,27	6,12	1,30	6,36	1,33	6,48	1,34	6,85	1,39	7,09	1,41
	25,0	5,72	1,32	5,97	1,35	6,21	1,38	6,33	1,40	6,70	1,44	6,94	1,47
	32,0	5,38	1,46	5,62	1,49	5,87	1,52	5,99	1,53	6,35	1,57	6,60	1,60
	35,0	5,23	1,52	5,47	1,55	5,72	1,58	5,84	1,59	6,21	1,63	6,45	1,66
	40,0	4,98	1,63	5,23	1,66	5,47	1,69	5,59	1,70	5,96	1,74	6,20	1,77
	43,0	4,83	1,70	5,08	1,73	5,32	1,76	5,45	1,77	5,81	1,81	6,06	1,84
	46,0	4,69	1,77	4,93	1,80	5,17	1,83	5,30	1,84	5,66	1,89	5,91	1,92

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+3.5	22,0	6,53	1,49	6,82	1,52	7,01	1,55	7,26	1,57	7,70	1,62	7,99	1,65
	25,0	6,35	1,55	6,64	1,58	6,94	1,62	7,08	1,63	7,52	1,68	7,81	1,72
	32,0	5,94	1,71	6,23	1,74	6,52	1,77	6,67	1,79	7,11	1,84	7,40	1,87
	35,0	5,76	1,78	6,05	1,81	6,34	1,85	6,49	1,86	6,93	1,91	7,22	1,95
	40,0	5,46	1,91	5,75	1,94	6,05	1,97	6,19	1,99	6,63	2,04	6,93	2,07
	43,0	5,28	1,99	5,58	2,02	5,87	2,06	6,02	2,07	6,46	2,12	6,75	2,16
	46,0	5,11	2,07	5,40	2,11	5,69	2,14	5,84	2,16	6,28	2,21	6,57	2,24
2.0+4.2	22,0	6,93	1,72	7,22	1,75	7,41	1,78	7,66	1,80	8,10	1,85	8,39	1,88
	25,0	6,75	1,78	7,04	1,81	7,34	1,85	7,48	1,86	7,92	1,91	8,21	1,95
	32,0	6,34	1,94	6,63	1,97	6,92	2,00	7,07	2,02	7,51	2,07	7,80	2,10
	35,0	6,16	2,01	6,45	2,04	6,74	2,08	6,89	2,09	7,33	2,14	7,62	2,18
	40,0	5,86	2,14	6,15	2,17	6,45	2,20	6,59	2,22	7,03	2,27	7,33	2,30
	43,0	5,68	2,22	5,98	2,25	6,27	2,29	6,42	2,30	6,86	2,35	7,15	2,39
	46,0	5,51	2,30	5,80	2,34	6,09	2,37	6,24	2,39	6,68	2,44	6,97	2,47
2.0+5.0	22,0	7,49	1,84	7,84	1,89	8,18	1,93	8,34	1,95	8,85	2,01	9,19	2,06
	25,0	7,30	1,92	7,64	1,97	7,97	2,01	8,14	2,03	8,65	2,09	8,81	2,13
	32,0	6,82	2,12	7,16	2,16	7,50	2,20	7,66	2,22	8,17	2,28	8,51	2,33
	35,0	6,62	2,21	6,95	2,25	7,29	2,29	7,46	2,31	7,97	2,37	8,30	2,42
	40,0	6,28	2,37	6,61	2,41	6,95	2,45	7,12	2,47	7,62	2,53	7,96	2,58
	43,0	6,07	2,47	6,41	2,51	6,75	2,55	6,92	2,57	7,42	2,63	7,76	2,68
	46,0	5,87	2,57	6,21	2,62	6,54	2,66	6,71	2,68	7,22	2,74	7,54	2,75
2.0+6.0	22,0	8,15	2,03	8,50	2,08	8,84	2,12	9,00	2,14	9,51	2,20	9,85	2,25
	25,0	7,96	2,11	8,30	2,16	8,63	2,20	8,80	2,22	9,31	2,28	9,47	2,32
	32,0	7,48	2,31	7,82	2,35	8,16	2,39	8,32	2,41	8,83	2,47	9,17	2,52
	35,0	7,28	2,40	7,61	2,44	7,95	2,48	8,12	2,50	8,63	2,56	8,96	2,61
	40,0	6,94	2,56	7,27	2,60	7,61	2,64	7,78	2,66	8,28	2,72	8,62	2,77
	43,0	6,73	2,66	7,07	2,70	7,41	2,74	7,58	2,76	8,08	2,82	8,42	2,87
	46,0	6,53	2,76	6,87	2,81	7,20	2,85	7,37	2,87	7,88	2,93	8,20	2,94
2.0+7.1	22,0	8,67	2,32	9,02	2,37	9,36	2,41	9,52	2,43	10,03	2,49	10,37	2,54
	25,0	8,48	2,40	8,82	2,45	9,15	2,49	9,32	2,51	9,83	2,57	9,99	2,61
	32,0	8,00	2,60	8,34	2,64	8,68	2,68	8,84	2,70	9,35	2,76	9,69	2,81
	35,0	7,80	2,69	8,13	2,73	8,47	2,77	8,64	2,79	9,15	2,85	9,48	2,90
	40,0	7,46	2,85	7,79	2,89	8,13	2,93	8,30	2,95	8,80	3,01	9,14	3,06
	43,0	7,25	2,95	7,59	2,99	7,93	3,03	8,10	3,05	8,60	3,11	8,94	3,16
	46,0	7,05	3,05	7,39	3,10	7,72	3,14	7,89	3,16	8,40	3,22	8,72	3,23
2.5+2.5	22,0	6,35	1,45	6,60	1,48	6,84	1,51	6,96	1,52	7,33	1,57	7,57	1,59
	25,0	6,20	1,50	6,45	1,53	6,69	1,56	6,81	1,58	7,18	1,62	7,42	1,65
	32,0	5,86	1,64	6,10	1,67	6,35	1,70	6,47	1,71	6,83	1,75	7,08	1,78
	35,0	5,71	1,70	5,95	1,73	6,20	1,76	6,32	1,77	6,69	1,81	6,93	1,84
	40,0	5,46	1,81	5,71	1,84	5,95	1,87	6,07	1,88	6,44	1,92	6,68	1,95
	43,0	5,31	1,88	5,56	1,91	5,80	1,94	5,93	1,95	6,29	1,99	6,54	2,02
	46,0	5,17	1,95	5,41	1,98	5,65	2,01	5,78	2,02	6,14	2,07	6,39	2,10

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104100

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+3.5	22,0	6,77	1,63	7,06	1,66	7,25	1,69	7,50	1,71	7,94	1,76	8,23	1,79
	25,0	6,59	1,69	6,88	1,72	7,18	1,76	7,32	1,77	7,76	1,82	8,05	1,86
	32,0	6,18	1,85	6,47	1,88	6,76	1,91	6,91	1,93	7,35	1,98	7,64	2,01
	35,0	6,00	1,92	6,29	1,95	6,58	1,99	6,73	2,00	7,17	2,05	7,46	2,09
	40,0	5,70	2,05	5,99	2,08	6,29	2,11	6,43	2,13	6,87	2,18	7,17	2,21
	43,0	5,52	2,13	5,82	2,16	6,11	2,20	6,26	2,21	6,70	2,26	6,99	2,30
	46,0	5,35	2,21	5,64	2,25	5,93	2,28	6,08	2,30	6,52	2,35	6,81	2,38
2.5+4.2	22,0	7,29	1,92	7,58	1,95	7,77	1,98	8,02	2,00	8,46	2,05	8,75	2,08
	25,0	7,11	1,98	7,40	2,01	7,70	2,05	7,84	2,06	8,28	2,11	8,57	2,15
	32,0	6,70	2,14	6,99	2,17	7,28	2,20	7,43	2,22	7,87	2,27	8,16	2,30
	35,0	6,52	2,21	6,81	2,24	7,10	2,28	7,25	2,29	7,69	2,34	7,98	2,38
	40,0	6,22	2,34	6,51	2,37	6,81	2,40	6,95	2,42	7,39	2,47	7,69	2,50
	43,0	6,04	2,42	6,34	2,45	6,63	2,49	6,78	2,50	7,22	2,55	7,51	2,59
	46,0	5,87	2,50	6,16	2,54	6,45	2,57	6,60	2,59	7,04	2,64	7,33	2,67
2.5+5.0	22,0	7,82	2,04	8,17	2,09	8,51	2,13	8,67	2,15	9,18	2,21	9,52	2,26
	25,0	7,63	2,12	7,97	2,17	8,30	2,21	8,47	2,23	8,98	2,29	9,14	2,33
	32,0	7,15	2,32	7,49	2,36	7,83	2,40	7,99	2,42	8,50	2,48	8,84	2,53
	35,0	6,95	2,41	7,28	2,45	7,62	2,49	7,79	2,51	8,30	2,57	8,63	2,62
	40,0	6,61	2,57	6,94	2,61	7,28	2,65	7,45	2,67	7,95	2,73	8,29	2,78
	43,0	6,40	2,67	6,74	2,71	7,08	2,75	7,25	2,77	7,75	2,83	8,09	2,88
	46,0	6,20	2,77	6,54	2,82	6,87	2,86	7,04	2,88	7,55	2,94	7,87	2,95
2.5+6.0	22,0	8,45	2,20	8,80	2,25	9,14	2,29	9,30	2,31	9,81	2,37	10,15	2,42
	25,0	8,26	2,28	8,60	2,33	8,93	2,37	9,10	2,39	9,61	2,45	9,77	2,49
	32,0	7,78	2,48	8,12	2,52	8,46	2,56	8,62	2,58	9,13	2,64	9,47	2,69
	35,0	7,58	2,57	7,91	2,61	8,25	2,65	8,42	2,67	8,93	2,73	9,26	2,78
	40,0	7,24	2,73	7,57	2,77	7,91	2,81	8,08	2,83	8,58	2,89	8,92	2,94
	43,0	7,03	2,83	7,37	2,87	7,71	2,91	7,88	2,93	8,38	2,99	8,72	3,04
	46,0	6,83	2,93	7,17	2,98	7,50	3,02	7,67	3,04	8,18	3,10	8,50	3,11
2.5+7.1	22,0	8,67	2,32	9,02	2,37	9,36	2,41	9,52	2,43	10,03	2,49	10,37	2,54
	25,0	8,48	2,40	8,82	2,45	9,15	2,49	9,32	2,51	9,83	2,57	9,99	2,61
	32,0	8,00	2,60	8,34	2,64	8,68	2,68	8,84	2,70	9,35	2,76	9,69	2,81
	35,0	7,80	2,69	8,13	2,73	8,47	2,77	8,64	2,79	9,15	2,85	9,48	2,90
	40,0	7,46	2,85	7,79	2,89	8,13	2,93	8,30	2,95	8,80	3,01	9,14	3,06
	43,0	7,25	2,95	7,59	2,99	7,93	3,03	8,10	3,05	8,60	3,11	8,94	3,16
	46,0	7,05	3,05	7,39	3,10	7,72	3,14	7,89	3,16	8,40	3,22	8,72	3,23
3.5+3.5	22,0	6,74	1,50	7,84	1,95	8,18	2,00	8,34	2,02	8,85	2,08	9,19	2,13
	25,0	6,74	1,66	7,64	2,03	7,97	2,08	8,14	2,10	8,65	2,16	8,98	2,21
	32,0	6,74	2,13	7,16	2,23	7,50	2,28	7,66	2,30	8,17	2,36	8,51	2,41
	35,0	6,62	2,29	6,95	2,33	7,29	2,37	7,46	2,39	7,97	2,46	8,30	2,50
	40,0	6,28	2,45	6,61	2,49	6,95	2,54	7,12	2,56	7,62	2,62	7,96	2,67
	43,0	6,07	2,56	6,41	2,60	6,75	2,64	6,92	2,66	7,42	2,73	7,76	2,77
	46,0	5,87	2,66	6,21	2,71	6,54	2,73	6,70	2,73	7,17	2,73	7,48	2,83

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+4.2	22,0	7,09	1,71	8,19	2,16	8,53	2,21	8,69	2,23	9,20	2,29	9,54	2,34
	25,0	7,09	1,87	7,99	2,24	8,32	2,29	8,49	2,31	9,00	2,37	9,33	2,42
	32,0	7,09	2,34	7,51	2,44	7,85	2,49	8,01	2,51	8,52	2,57	8,86	2,62
	35,0	6,97	2,50	7,30	2,54	7,64	2,58	7,81	2,60	8,32	2,67	8,65	2,71
	40,0	6,63	2,66	6,96	2,70	7,30	2,75	7,47	2,77	7,97	2,83	8,31	2,88
	43,0	6,42	2,77	6,76	2,81	7,10	2,85	7,27	2,87	7,77	2,94	8,11	2,98
	46,0	6,22	2,87	6,56	2,92	6,89	2,94	7,05	2,94	7,52	2,94	7,83	2,94
3.5+5.0	22,0	7,45	1,76	8,40	2,14	8,76	2,19	8,94	2,21	9,48	2,28	9,84	2,33
	25,0	7,45	1,95	8,18	2,23	8,54	2,28	8,72	2,30	9,26	2,37	9,62	2,42
	32,0	7,31	2,40	7,67	2,45	8,03	2,50	8,21	2,52	8,75	2,59	9,11	2,64
	35,0	7,09	2,51	7,45	2,55	7,81	2,60	7,99	2,62	8,53	2,69	8,89	2,74
	40,0	6,72	2,69	7,08	2,73	7,45	2,78	7,63	2,80	8,17	2,87	8,53	2,92
	43,0	6,50	2,80	6,87	2,85	7,23	2,89	7,41	2,92	7,95	2,99	8,31	3,04
	46,0	6,27	2,71	6,61	2,71	6,94	2,71	7,10	2,71	7,63	2,71	7,88	2,71
3.5+6.0	22,0	8,08	1,93	9,03	2,31	9,39	2,36	9,57	2,38	10,11	2,45	10,47	2,50
	25,0	8,08	2,12	8,81	2,40	9,17	2,45	9,35	2,47	9,89	2,54	10,25	2,59
	32,0	7,94	2,57	8,30	2,62	8,66	2,67	8,84	2,69	9,38	2,76	9,74	2,81
	35,0	7,72	2,68	8,08	2,72	8,44	2,77	8,62	2,79	9,16	2,86	9,52	2,91
	40,0	7,35	2,86	7,71	2,90	8,08	2,95	8,26	2,97	8,80	3,04	9,16	3,09
	43,0	7,13	2,97	7,50	3,02	7,86	3,06	8,04	3,09	8,58	3,16	8,94	3,21
	46,0	6,90	2,88	7,24	2,88	7,57	2,88	7,73	2,88	8,26	2,88	8,51	2,88
3.5+7.1	22,0	8,10	1,93	9,05	2,31	9,41	2,36	9,59	2,38	10,13	2,45	10,49	2,50
	25,0	8,10	2,12	8,83	2,40	9,19	2,45	9,37	2,47	9,91	2,54	10,27	2,59
	32,0	7,96	2,57	8,32	2,62	8,68	2,67	8,86	2,69	9,40	2,76	9,76	2,81
	35,0	7,74	2,68	8,10	2,72	8,46	2,77	8,64	2,79	9,18	2,86	9,54	2,91
	40,0	7,37	2,86	7,73	2,90	8,10	2,95	8,28	2,97	8,82	3,04	9,18	3,09
	43,0	7,15	2,97	7,52	3,02	7,88	3,06	8,06	3,09	8,60	3,16	8,96	3,21
	46,0	6,92	2,88	7,26	2,88	7,59	2,88	7,75	2,88	8,28	2,88	8,53	2,88
4.2+4.2	22,0	7,10	1,71	8,20	2,16	8,54	2,21	8,70	2,23	9,21	2,29	9,55	2,34
	25,0	7,10	1,87	8,00	2,24	8,33	2,29	8,50	2,31	9,01	2,37	9,34	2,42
	32,0	7,10	2,34	7,52	2,44	7,86	2,49	8,02	2,51	8,53	2,57	8,87	2,62
	35,0	6,98	2,50	7,31	2,54	7,65	2,58	7,82	2,60	8,33	2,67	8,66	2,71
	40,0	6,64	2,66	6,97	2,70	7,31	2,75	7,48	2,77	7,98	2,83	8,32	2,88
	43,0	6,43	2,77	6,77	2,81	7,11	2,85	7,28	2,87	7,78	2,94	8,12	2,98
	46,0	6,23	2,87	6,57	2,92	6,90	2,94	7,06	2,94	7,53	2,94	7,84	2,94
4.2+5.0	22,0	7,63	1,87	8,58	2,25	8,94	2,30	9,12	2,32	9,66	2,39	10,02	2,44
	25,0	7,63	2,06	8,36	2,34	8,72	2,39	8,90	2,41	9,44	2,48	9,80	2,53
	32,0	7,49	2,51	7,85	2,56	8,21	2,61	8,39	2,63	8,93	2,70	9,29	2,75
	35,0	7,27	2,62	7,63	2,66	7,99	2,71	8,17	2,73	8,71	2,80	9,07	2,85
	40,0	6,90	2,80	7,26	2,84	7,63	2,89	7,81	2,91	8,35	2,98	8,71	3,03
	43,0	6,68	2,91	7,05	2,96	7,41	3,00	7,59	3,03	8,13	3,10	8,49	3,15
	46,0	6,45	2,82	6,79	2,82	7,12	2,82	7,28	2,82	7,81	2,82	8,06	2,82

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104101

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
4.2+6.0	22,0	8,09	1,93	9,04	2,31	9,40	2,36	9,58	2,38	10,12	2,45	10,48	2,50
	25,0	8,09	2,12	8,82	2,40	9,18	2,45	9,36	2,47	9,90	2,54	10,26	2,59
	32,0	7,95	2,57	8,31	2,62	8,67	2,67	8,85	2,69	9,39	2,76	9,75	2,81
	35,0	7,73	2,68	8,09	2,72	8,45	2,77	8,63	2,79	9,17	2,86	9,53	2,91
	40,0	7,36	2,86	7,72	2,90	8,09	2,95	8,27	2,97	8,81	3,04	9,17	3,09
	43,0	7,14	2,97	7,51	3,02	7,87	3,06	8,05	3,09	8,59	3,16	8,95	3,21
	46,0	6,91	2,88	7,25	2,88	7,58	2,88	7,74	2,88	8,27	2,88	8,52	2,88
4.2+7.1	22,0	8,29	2,04	9,24	2,42	9,60	2,47	9,78	2,49	10,32	2,56	10,68	2,61
	25,0	8,29	2,23	9,02	2,51	9,38	2,56	9,56	2,58	10,10	2,65	10,46	2,70
	32,0	8,15	2,68	8,51	2,73	8,87	2,78	9,05	2,80	9,59	2,87	9,95	2,92
	35,0	7,93	2,79	8,29	2,83	8,65	2,88	8,83	2,90	9,37	2,97	9,73	3,02
	40,0	7,56	2,97	7,92	3,01	8,29	3,06	8,47	3,08	9,01	3,15	9,37	3,20
	43,0	7,34	3,08	7,71	3,13	8,07	3,17	8,25	3,20	8,79	3,27	9,15	3,32
	46,0	7,11	2,99	7,45	2,99	7,78	2,99	7,94	2,99	8,47	2,99	8,72	2,99
5.0+5.0	22,0	8,15	2,12	8,77	2,32	9,14	2,37	9,33	2,40	9,90	2,48	10,27	2,53
	25,0	8,15	2,36	8,54	2,42	8,91	2,47	9,10	2,49	9,67	2,57	10,04	2,62
	32,0	7,63	2,60	8,00	2,66	8,38	2,71	8,57	2,73	9,13	2,81	9,51	2,86
	35,0	7,40	2,72	7,77	2,77	8,15	2,82	8,34	2,84	8,91	2,92	9,28	2,97
	40,0	7,02	2,91	7,39	2,96	7,77	3,01	7,96	3,04	8,52	3,12	8,90	3,17
	43,0	6,79	3,04	7,17	3,09	7,54	3,14	7,73	3,16	8,30	3,24	8,66	3,25
	46,0	6,56	2,68	6,89	2,68	7,22	2,68	7,38	2,68	7,85	2,68	8,16	2,68
5.0+6.0	22,0	8,62	2,17	9,24	2,37	9,61	2,42	9,80	2,45	10,37	2,53	10,74	2,58
	25,0	8,62	2,41	9,01	2,47	9,38	2,52	9,57	2,54	10,14	2,62	10,51	2,67
	32,0	8,10	2,65	8,47	2,71	8,85	2,76	9,04	2,78	9,60	2,86	9,98	2,91
	35,0	7,87	2,77	8,24	2,82	8,62	2,87	8,81	2,89	9,38	2,97	9,75	3,02
	40,0	7,49	2,96	7,86	3,01	8,24	3,06	8,43	3,09	8,99	3,17	9,37	3,22
	43,0	7,26	3,09	7,64	3,14	8,01	3,19	8,20	3,21	8,77	3,29	9,13	3,30
	46,0	7,03	2,73	7,36	2,73	7,69	2,73	7,85	2,73	8,32	2,73	8,63	2,73
5.0+7.1	22,0	8,87	2,30	9,49	2,50	9,86	2,55	10,05	2,58	10,62	2,66	10,99	2,71
	25,0	8,87	2,54	9,26	2,60	9,63	2,65	9,82	2,67	10,39	2,75	10,76	2,80
	32,0	8,35	2,78	8,72	2,84	9,10	2,89	9,29	2,91	9,85	2,99	10,23	3,04
	35,0	8,12	2,90	8,49	2,95	8,87	3,00	9,06	3,02	9,63	3,10	10,00	3,15
	40,0	7,74	3,09	8,11	3,14	8,49	3,19	8,68	3,22	9,24	3,30	9,62	3,35
	43,0	7,51	3,22	7,89	3,27	8,26	3,32	8,45	3,34	9,02	3,42	9,38	3,43
	46,0	7,28	2,86	7,61	2,86	7,94	2,86	8,10	2,86	8,57	2,86	8,88	2,86
6.0+6.0	22,0	9,27	2,27	9,89	2,47	10,26	2,52	10,45	2,55	11,02	2,63	11,39	2,68
	25,0	9,27	2,51	9,66	2,57	10,03	2,62	10,22	2,64	10,79	2,72	11,16	2,77
	32,0	8,75	2,75	9,12	2,81	9,50	2,86	9,69	2,88	10,25	2,96	10,63	3,01
	35,0	8,52	2,87	8,89	2,92	9,27	2,97	9,46	2,99	10,03	3,07	10,40	3,12
	40,0	8,14	3,06	8,51	3,11	8,89	3,16	9,08	3,19	9,64	3,27	10,02	3,32
	43,0	7,91	3,19	8,29	3,24	8,66	3,29	8,85	3,31	9,42	3,39	9,78	3,40
	46,0	7,68	2,83	8,01	2,83	8,34	2,83	8,50	2,83	8,97	2,83	9,28	2,83

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
6.0+7.1	22,0	9,29	2,27	9,91	2,47	10,28	2,52	10,47	2,55	11,04	2,63	11,41	2,68
	25,0	9,29	2,51	9,68	2,57	10,05	2,62	10,24	2,64	10,81	2,72	11,18	2,77
	32,0	8,77	2,75	9,14	2,81	9,52	2,86	9,71	2,88	10,27	2,96	10,65	3,01
	35,0	8,54	2,87	8,91	2,92	9,29	2,97	9,48	2,99	10,05	3,07	10,42	3,12
	40,0	8,16	3,06	8,53	3,11	8,91	3,16	9,10	3,19	9,66	3,27	10,04	3,32
	43,0	7,93	3,19	8,31	3,24	8,68	3,29	8,87	3,31	9,44	3,39	9,80	3,40
	46,0	7,70	2,83	8,03	2,83	8,36	2,83	8,52	2,83	8,99	2,83	9,30	2,83
7.1+7.1	22,0	9,31	2,27	9,93	2,47	10,30	2,52	10,49	2,55	11,06	2,63	11,43	2,68
	25,0	9,31	2,51	9,70	2,57	10,07	2,62	10,26	2,64	10,83	2,72	11,20	2,77
	32,0	8,79	2,75	9,16	2,81	9,54	2,86	9,73	2,88	10,29	2,96	10,67	3,01
	35,0	8,56	2,87	8,93	2,92	9,31	2,97	9,50	2,99	10,07	3,07	10,44	3,12
	40,0	8,18	3,06	8,55	3,11	8,93	3,16	9,12	3,19	9,68	3,27	10,06	3,32
	43,0	7,95	3,19	8,33	3,24	8,70	3,29	8,89	3,31	9,46	3,39	9,82	3,40
	46,0	7,72	2,83	8,05	2,83	8,38	2,83	8,54	2,83	9,01	2,83	9,32	2,83
1.5+1.5+1.5	22,0	5,55	0,89	5,85	0,92	6,16	0,95	6,31	0,97	6,77	1,02	7,08	1,05
	25,0	5,36	0,95	5,67	0,98	5,97	1,01	6,13	1,03	6,59	1,07	6,89	1,11
	32,0	4,93	1,10	5,24	1,13	5,54	1,16	5,70	1,17	6,15	1,22	6,46	1,25
	35,0	4,75	1,16	5,05	1,20	5,36	1,23	5,51	1,24	5,97	1,29	6,27	1,32
	40,0	4,44	1,28	4,74	1,32	5,05	1,35	5,20	1,36	5,66	1,41	5,96	1,44
	43,0	4,25	1,36	4,56	1,39	4,86	1,42	5,02	1,44	5,47	1,49	5,78	1,52
	46,0	4,07	1,44	4,37	1,47	4,68	1,50	4,83	1,52	5,29	1,57	5,59	1,60
1.5+1.5+2.0	22,0	5,98	1,05	6,28	1,08	6,59	1,11	6,74	1,13	7,20	1,18	7,51	1,21
	25,0	5,79	1,11	6,10	1,14	6,40	1,17	6,56	1,19	7,02	1,23	7,32	1,27
	32,0	5,36	1,26	5,67	1,29	5,97	1,32	6,13	1,33	6,58	1,38	6,89	1,41
	35,0	5,18	1,32	5,48	1,36	5,79	1,39	5,94	1,40	6,40	1,45	6,70	1,48
	40,0	4,87	1,44	5,17	1,48	5,48	1,51	5,63	1,52	6,09	1,57	6,39	1,60
	43,0	4,68	1,52	4,99	1,55	5,29	1,58	5,45	1,60	5,90	1,65	6,21	1,68
	46,0	4,50	1,60	4,80	1,63	5,11	1,66	5,26	1,68	5,72	1,73	6,02	1,76
1.5+1.5+2.5	22,0	6,38	1,22	6,68	1,25	6,99	1,28	7,14	1,30	7,60	1,35	7,91	1,38
	25,0	6,19	1,28	6,50	1,31	6,80	1,34	6,96	1,36	7,42	1,40	7,72	1,44
	32,0	5,76	1,43	6,07	1,46	6,37	1,49	6,53	1,50	6,98	1,55	7,29	1,58
	35,0	5,58	1,49	5,88	1,53	6,19	1,56	6,34	1,57	6,80	1,62	7,10	1,65
	40,0	5,27	1,61	5,57	1,65	5,88	1,68	6,03	1,69	6,49	1,74	6,79	1,77
	43,0	5,08	1,69	5,39	1,72	5,69	1,75	5,85	1,77	6,30	1,82	6,61	1,85
	46,0	4,90	1,77	5,20	1,80	5,51	1,83	5,66	1,85	6,12	1,90	6,42	1,93
1.5+1.5+3.5	22,0	7,15	1,47	7,51	1,51	7,86	1,55	8,03	1,57	8,56	1,64	8,91	1,68
	25,0	6,94	1,55	7,29	1,59	7,65	1,63	7,82	1,65	8,35	1,71	8,70	1,75
	32,0	6,44	1,74	6,80	1,78	7,15	1,82	7,32	1,84	7,85	1,91	8,20	1,95
	35,0	6,23	1,83	6,58	1,87	6,93	1,91	7,11	1,93	7,64	1,99	7,99	2,04
	40,0	5,87	1,99	6,23	2,03	6,58	2,07	6,75	2,09	7,28	2,15	7,63	2,19
	43,0	5,66	2,09	6,01	2,13	6,36	2,17	6,54	2,19	7,07	2,25	7,42	2,29
	46,0	5,45	2,19	5,80	2,23	6,15	2,27	6,33	2,29	6,86	2,36	7,20	2,39

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104107

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+4.2	22,0	7,64	1,72	8,00	1,76	8,35	1,80	8,52	1,82	9,05	1,89	9,40	1,93
	25,0	7,43	1,80	7,78	1,84	8,14	1,88	8,31	1,90	8,84	1,96	9,19	2,00
	32,0	6,93	1,99	7,29	2,03	7,64	2,07	7,81	2,09	8,34	2,16	8,69	2,20
	35,0	6,72	2,08	7,07	2,12	7,42	2,16	7,60	2,18	8,13	2,24	8,48	2,29
	40,0	6,36	2,24	6,72	2,28	7,07	2,32	7,24	2,34	7,77	2,40	8,12	2,44
	43,0	6,15	2,34	6,50	2,38	6,85	2,42	7,03	2,44	7,56	2,50	7,91	2,54
	46,0	5,94	2,44	6,29	2,48	6,64	2,52	6,82	2,54	7,35	2,61	7,69	2,64
1.5+1.5+5.0	22,0	8,17	1,86	8,56	1,91	8,96	1,96	9,15	1,98	9,74	2,06	10,14	2,11
	25,0	7,93	1,95	8,32	2,00	8,72	2,05	8,91	2,07	9,50	2,15	9,90	2,20
	32,0	7,38	2,18	7,77	2,23	8,16	2,28	8,36	2,31	8,95	2,38	9,34	2,43
	35,0	7,14	2,29	7,53	2,34	7,92	2,39	8,12	2,41	8,71	2,49	9,10	2,54
	40,0	6,74	2,48	7,13	2,53	7,53	2,58	7,72	2,60	8,31	2,68	8,71	2,73
	43,0	6,50	2,60	6,90	2,65	7,29	2,70	7,48	2,72	8,07	2,80	8,47	2,85
	46,0	6,21	2,35	6,56	2,35	6,90	2,35	7,07	2,35	7,57	2,35	7,89	2,35
1.5+1.5+6.0	22,0	8,75	1,96	9,14	2,01	9,54	2,06	9,73	2,08	10,32	2,16	10,72	2,21
	25,0	8,51	2,05	8,90	2,10	9,30	2,15	9,49	2,17	10,08	2,25	10,48	2,30
	32,0	7,96	2,28	8,35	2,33	8,74	2,38	8,94	2,41	9,53	2,48	9,92	2,53
	35,0	7,72	2,39	8,11	2,44	8,50	2,49	8,70	2,51	9,29	2,59	9,68	2,64
	40,0	7,32	2,58	7,71	2,63	8,11	2,68	8,30	2,70	8,89	2,78	9,29	2,83
	43,0	7,08	2,70	7,48	2,75	7,87	2,80	8,06	2,82	8,65	2,90	9,05	2,95
	46,0	6,79	2,45	7,14	2,45	7,48	2,45	7,65	2,45	8,15	2,45	8,47	2,45
1.5+1.5+7.1	22,0	9,30	2,32	9,69	2,37	10,09	2,42	10,28	2,44	10,87	2,52	11,27	2,57
	25,0	9,06	2,41	9,45	2,46	9,85	2,51	10,04	2,53	10,63	2,61	11,03	2,66
	32,0	8,51	2,64	8,90	2,69	9,29	2,74	9,49	2,77	10,08	2,84	10,47	2,89
	35,0	8,27	2,75	8,66	2,80	9,05	2,85	9,25	2,87	9,84	2,95	10,23	3,00
	40,0	7,87	2,94	8,26	2,99	8,66	3,04	8,85	3,06	9,44	3,14	9,84	3,19
	43,0	7,63	3,06	8,03	3,11	8,42	3,16	8,61	3,18	9,20	3,26	9,60	3,31
	46,0	7,34	2,81	7,69	2,81	8,03	2,81	8,20	2,81	8,70	2,81	9,02	2,81
1.5+2.0+2.0	22,0	6,38	1,22	6,68	1,25	6,99	1,28	7,14	1,30	7,60	1,35	7,91	1,38
	25,0	6,19	1,28	6,50	1,31	6,80	1,34	6,96	1,36	7,42	1,40	7,72	1,44
	32,0	5,76	1,43	6,07	1,46	6,37	1,49	6,53	1,50	6,98	1,55	7,29	1,58
	35,0	5,58	1,49	5,88	1,53	6,19	1,56	6,34	1,57	6,80	1,62	7,10	1,65
	40,0	5,27	1,61	5,57	1,65	5,88	1,68	6,03	1,69	6,49	1,74	6,79	1,77
	43,0	5,08	1,69	5,39	1,72	5,69	1,75	5,85	1,77	6,30	1,82	6,61	1,85
	46,0	4,90	1,77	5,20	1,80	5,51	1,83	5,66	1,85	6,12	1,90	6,42	1,93
1.5+2.0+2.5	22,0	6,77	1,39	7,07	1,42	7,38	1,45	7,53	1,47	7,99	1,52	8,30	1,55
	25,0	6,58	1,45	6,89	1,48	7,19	1,51	7,35	1,53	7,81	1,57	8,11	1,61
	32,0	6,15	1,60	6,46	1,63	6,76	1,66	6,92	1,67	7,37	1,72	7,68	1,75
	35,0	5,97	1,66	6,27	1,70	6,58	1,73	6,73	1,74	7,19	1,79	7,49	1,82
	40,0	5,66	1,78	5,96	1,82	6,27	1,85	6,42	1,86	6,88	1,91	7,18	1,94
	43,0	5,47	1,86	5,78	1,89	6,08	1,92	6,24	1,94	6,69	1,99	7,00	2,02
	46,0	5,29	1,94	5,59	1,97	5,90	2,00	6,05	2,02	6,51	2,07	6,81	2,10

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+3.5	22,0	7,50	1,68	7,86	1,72	8,21	1,76	8,38	1,78	8,91	1,85	9,26	1,89
	25,0	7,29	1,76	7,64	1,80	8,00	1,84	8,17	1,86	8,70	1,92	9,05	1,96
	32,0	6,79	1,95	7,15	1,99	7,50	2,03	7,67	2,05	8,20	2,12	8,55	2,16
	35,0	6,58	2,04	6,93	2,08	7,28	2,12	7,46	2,14	7,99	2,20	8,34	2,25
	40,0	6,22	2,20	6,58	2,24	6,93	2,28	7,10	2,30	7,63	2,36	7,98	2,40
	43,0	6,01	2,30	6,36	2,34	6,71	2,38	6,89	2,40	7,42	2,46	7,77	2,50
	46,0	5,80	2,40	6,15	2,44	6,50	2,48	6,68	2,50	7,21	2,57	7,55	2,60
1.5+2.0+4.2	22,0	7,97	1,93	8,33	1,97	8,68	2,01	8,85	2,03	9,38	2,10	9,73	2,14
	25,0	7,76	2,01	8,11	2,05	8,47	2,09	8,64	2,11	9,17	2,17	9,52	2,21
	32,0	7,26	2,20	7,62	2,24	7,97	2,28	8,14	2,30	8,67	2,37	9,02	2,41
	35,0	7,05	2,29	7,40	2,33	7,75	2,37	7,93	2,39	8,46	2,45	8,81	2,50
	40,0	6,69	2,45	7,05	2,49	7,40	2,53	7,57	2,55	8,10	2,61	8,45	2,65
	43,0	6,48	2,55	6,83	2,59	7,18	2,63	7,36	2,65	7,89	2,71	8,24	2,75
	46,0	6,27	2,65	6,62	2,69	6,97	2,73	7,15	2,75	7,68	2,82	8,02	2,85
1.5+2.0+5.0	22,0	8,47	2,02	8,86	2,07	9,26	2,12	9,45	2,14	10,04	2,22	10,44	2,27
	25,0	8,23	2,11	8,62	2,16	9,02	2,21	9,21	2,23	9,80	2,31	10,20	2,36
	32,0	7,68	2,34	8,07	2,39	8,46	2,44	8,66	2,47	9,25	2,54	9,64	2,59
	35,0	7,44	2,45	7,83	2,50	8,22	2,55	8,42	2,57	9,01	2,65	9,40	2,70
	40,0	7,04	2,64	7,43	2,69	7,83	2,74	8,02	2,76	8,61	2,84	9,01	2,89
	43,0	6,80	2,76	7,20	2,81	7,59	2,86	7,78	2,88	8,37	2,96	8,77	3,01
	46,0	6,51	2,51	6,86	2,51	7,20	2,51	7,37	2,51	7,87	2,51	8,19	2,51
1.5+2.0+6.0	22,0	9,01	2,13	9,40	2,18	9,80	2,23	9,99	2,25	10,58	2,33	10,98	2,38
	25,0	8,77	2,22	9,16	2,27	9,56	2,32	9,75	2,34	10,34	2,42	10,74	2,47
	32,0	8,22	2,45	8,61	2,50	9,00	2,55	9,20	2,58	9,79	2,65	10,18	2,70
	35,0	7,98	2,56	8,37	2,61	8,76	2,66	8,96	2,68	9,55	2,76	9,94	2,81
	40,0	7,58	2,75	7,97	2,80	8,37	2,85	8,56	2,87	9,15	2,95	9,55	3,00
	43,0	7,34	2,87	7,74	2,92	8,13	2,97	8,32	2,99	8,91	3,07	9,31	3,12
	46,0	7,05	2,62	7,40	2,62	7,74	2,62	7,91	2,62	8,41	2,62	8,73	2,62
1.5+2.0+7.1	22,0	9,35	2,32	9,74	2,37	10,14	2,42	10,33	2,44	10,92	2,52	11,32	2,57
	25,0	9,11	2,41	9,50	2,46	9,90	2,51	10,09	2,53	10,68	2,61	11,08	2,66
	32,0	8,56	2,64	8,95	2,69	9,34	2,74	9,54	2,77	10,13	2,84	10,52	2,89
	35,0	8,32	2,75	8,71	2,80	9,10	2,85	9,30	2,87	9,89	2,95	10,28	3,00
	40,0	7,92	2,94	8,31	2,99	8,71	3,04	8,90	3,06	9,49	3,14	9,89	3,19
	43,0	7,68	3,06	8,08	3,11	8,47	3,16	8,66	3,18	9,25	3,26	9,65	3,31
	46,0	7,39	2,81	7,74	2,81	8,08	2,81	8,25	2,81	8,75	2,81	9,07	2,81
1.5+2.5+2.5	22,0	7,15	1,58	7,45	1,61	7,76	1,64	7,91	1,66	8,37	1,71	8,68	1,74
	25,0	6,96	1,64	7,27	1,67	7,57	1,70	7,73	1,72	8,19	1,76	8,49	1,80
	32,0	6,53	1,79	6,84	1,82	7,14	1,85	7,30	1,86	7,75	1,91	8,06	1,94
	35,0	6,35	1,85	6,65	1,89	6,96	1,92	7,11	1,93	7,57	1,98	7,87	2,01
	40,0	6,04	1,97	6,34	2,01	6,65	2,04	6,80	2,05	7,26	2,10	7,56	2,13
	43,0	5,85	2,05	6,16	2,08	6,46	2,11	6,62	2,13	7,07	2,18	7,38	2,21
	46,0	5,67	2,13	5,97	2,16	6,28	2,19	6,43	2,21	6,89	2,26	7,19	2,29

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104108

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+3.5	22,0	7,83	1,83	8,19	1,87	8,54	1,91	8,71	1,93	9,24	2,00	9,59	2,04
	25,0	7,62	1,91	7,97	1,95	8,33	1,99	8,50	2,01	9,03	2,07	9,38	2,11
	32,0	7,12	2,10	7,48	2,14	7,83	2,18	8,00	2,20	8,53	2,27	8,88	2,31
	35,0	6,91	2,19	7,26	2,23	7,61	2,27	7,79	2,29	8,32	2,35	8,67	2,40
	40,0	6,55	2,35	6,91	2,39	7,26	2,43	7,43	2,45	7,96	2,51	8,31	2,55
	43,0	6,34	2,45	6,69	2,49	7,04	2,53	7,22	2,55	7,75	2,61	8,10	2,65
	46,0	6,13	2,55	6,48	2,59	6,83	2,63	7,01	2,65	7,54	2,72	7,88	2,75
1.5+2.5+4.2	22,0	8,28	2,10	8,64	2,14	8,99	2,18	9,16	2,20	9,69	2,27	10,04	2,31
	25,0	8,07	2,18	8,42	2,22	8,78	2,26	8,95	2,28	9,48	2,34	9,83	2,38
	32,0	7,57	2,37	7,93	2,41	8,28	2,45	8,45	2,47	8,98	2,54	9,33	2,58
	35,0	7,36	2,46	7,71	2,50	8,06	2,54	8,24	2,56	8,77	2,62	9,12	2,67
	40,0	7,00	2,62	7,36	2,66	7,71	2,70	7,88	2,72	8,41	2,78	8,76	2,82
	43,0	6,79	2,72	7,14	2,76	7,49	2,80	7,67	2,82	8,20	2,88	8,55	2,92
	46,0	6,58	2,82	6,93	2,86	7,28	2,90	7,46	2,92	7,99	2,99	8,33	3,02
1.5+2.5+5.0	22,0	8,75	2,20	9,14	2,25	9,54	2,30	9,73	2,32	10,32	2,40	10,72	2,45
	25,0	8,51	2,29	8,90	2,34	9,30	2,39	9,49	2,41	10,08	2,49	10,48	2,54
	32,0	7,96	2,52	8,35	2,57	8,74	2,62	8,94	2,65	9,53	2,72	9,92	2,77
	35,0	7,72	2,63	8,11	2,68	8,50	2,73	8,70	2,75	9,29	2,83	9,68	2,88
	40,0	7,32	2,82	7,71	2,87	8,11	2,92	8,30	2,94	8,89	3,02	9,29	3,07
	43,0	7,08	2,94	7,48	2,99	7,87	3,04	8,06	3,06	8,65	3,14	9,05	3,19
	46,0	6,79	2,69	7,14	2,69	7,48	2,69	7,65	2,69	8,15	2,69	8,47	2,69
1.5+2.5+6.0	22,0	9,26	2,32	9,65	2,37	10,05	2,42	10,24	2,44	10,83	2,52	11,23	2,57
	25,0	9,02	2,41	9,41	2,46	9,81	2,51	10,00	2,53	10,59	2,61	10,99	2,66
	32,0	8,47	2,64	8,86	2,69	9,25	2,74	9,45	2,77	10,04	2,84	10,43	2,89
	35,0	8,23	2,75	8,62	2,80	9,01	2,85	9,21	2,87	9,80	2,95	10,19	3,00
	40,0	7,83	2,94	8,22	2,99	8,62	3,04	8,81	3,06	9,40	3,14	9,80	3,19
	43,0	7,59	3,06	7,99	3,11	8,38	3,16	8,57	3,18	9,16	3,26	9,56	3,31
	46,0	7,30	2,81	7,65	2,81	7,99	2,81	8,16	2,81	8,66	2,81	8,98	2,81
1.5+2.5+7.1	22,0	9,54	2,44	9,93	2,49	10,33	2,54	10,52	2,56	11,11	2,64	11,51	2,69
	25,0	9,30	2,53	9,69	2,58	10,09	2,63	10,28	2,65	10,87	2,73	11,27	2,78
	32,0	8,75	2,76	9,14	2,81	9,53	2,86	9,73	2,89	10,32	2,96	10,71	3,01
	35,0	8,51	2,87	8,90	2,92	9,29	2,97	9,49	2,99	10,08	3,07	10,47	3,12
	40,0	8,11	3,06	8,50	3,11	8,90	3,16	9,09	3,18	9,68	3,26	10,08	3,31
	43,0	7,87	3,18	8,27	3,23	8,66	3,28	8,85	3,30	9,44	3,38	9,84	3,43
	46,0	7,58	2,93	7,93	2,93	8,27	2,93	8,44	2,93	8,94	2,93	9,26	2,93
1.5+3.5+3.5	22,0	8,47	2,11	8,86	2,16	9,25	2,21	9,45	2,24	10,03	2,31	10,42	2,36
	25,0	8,23	2,20	8,62	2,25	8,98	2,30	9,21	2,33	9,79	2,41	10,18	2,46
	32,0	7,68	2,44	8,07	2,49	8,46	2,54	8,66	2,56	9,24	2,64	9,63	2,69
	35,0	7,44	2,57	7,83	2,60	8,22	2,65	8,42	2,67	9,01	2,75	9,40	2,80
	40,0	7,05	2,74	7,44	2,79	7,83	2,84	8,03	2,87	8,61	2,94	9,00	2,99
	43,0	6,81	2,86	7,20	2,91	7,59	2,96	7,79	2,99	8,37	3,06	8,76	3,11
	46,0	6,53	2,57	6,88	2,57	7,22	2,57	7,38	2,57	7,87	2,57	8,19	2,57

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+3.5+4.2	22,0	8,70	2,23	9,09	2,28	9,48	2,33	9,68	2,36	10,26	2,43	10,65	2,48
	25,0	8,46	2,32	8,85	2,37	9,21	2,42	9,44	2,45	10,02	2,53	10,41	2,58
	32,0	7,91	2,56	8,30	2,61	8,69	2,66	8,89	2,68	9,47	2,76	9,86	2,81
	35,0	7,67	2,69	8,06	2,72	8,45	2,77	8,65	2,79	9,24	2,87	9,63	2,92
	40,0	7,28	2,86	7,67	2,91	8,06	2,96	8,26	2,99	8,84	3,06	9,23	3,11
	43,0	7,04	2,98	7,43	3,03	7,82	3,08	8,02	3,11	8,60	3,18	8,99	3,23
	46,0	6,76	2,69	7,11	2,69	7,45	2,69	7,61	2,69	8,10	2,69	8,42	2,69
1.5+3.5+5.0	22,0	8,88	2,25	9,28	2,30	9,68	2,35	9,88	2,37	10,48	2,45	10,88	2,50
	25,0	8,64	2,34	9,04	2,39	9,44	2,44	9,64	2,47	10,23	2,54	10,63	2,59
	32,0	8,07	2,58	8,47	2,63	8,87	2,68	9,07	2,70	9,67	2,75	10,07	2,83
	35,0	7,83	2,69	8,23	2,74	8,63	2,79	8,83	2,81	9,43	2,89	9,83	2,94
	40,0	7,43	2,88	7,83	2,93	8,23	2,98	8,43	3,01	9,03	3,08	9,42	3,13
	43,0	7,19	3,00	7,59	3,05	7,99	3,11	8,18	3,13	8,78	3,21	9,18	3,25
	46,0	6,89	2,68	7,24	2,68	7,58	2,68	7,75	2,68	8,24	2,68	8,57	2,68
1.5+3.5+6.0	22,0	9,34	2,31	9,74	2,36	10,14	2,41	10,34	2,43	10,94	2,51	11,34	2,56
	25,0	9,10	2,40	9,50	2,45	9,90	2,50	10,10	2,53	10,69	2,60	11,09	2,65
	32,0	8,53	2,64	8,93	2,69	9,33	2,74	9,53	2,76	10,13	2,81	10,53	2,89
	35,0	8,29	2,75	8,69	2,80	9,09	2,85	9,29	2,87	9,89	2,95	10,29	3,00
	40,0	7,89	2,94	8,29	2,99	8,69	3,04	8,89	3,07	9,49	3,14	9,88	3,19
	43,0	7,65	3,06	8,05	3,11	8,45	3,17	8,64	3,19	9,24	3,27	9,64	3,31
	46,0	7,35	2,74	7,70	2,74	8,04	2,74	8,21	2,74	8,70	2,74	9,03	2,74
1.5+3.5+7.1	22,0	9,55	2,43	9,95	2,48	10,35	2,53	10,55	2,55	11,15	2,63	11,55	2,68
	25,0	9,31	2,52	9,71	2,57	10,11	2,62	10,31	2,65	10,90	2,72	11,30	2,77
	32,0	8,74	2,76	9,14	2,81	9,54	2,86	9,74	2,88	10,34	2,93	10,74	3,01
	35,0	8,50	2,87	8,90	2,92	9,30	2,97	9,50	2,99	10,10	3,07	10,50	3,12
	40,0	8,10	3,06	8,50	3,11	8,90	3,16	9,10	3,19	9,70	3,26	10,09	3,31
	43,0	7,86	3,18	8,26	3,23	8,66	3,29	8,85	3,31	9,45	3,39	9,85	3,43
	46,0	7,56	2,86	7,91	2,86	8,25	2,86	8,42	2,86	8,91	2,86	9,24	2,86
1.5+4.2+4.2	22,0	8,71	2,23	9,10	2,28	9,49	2,33	9,69	2,36	10,27	2,43	10,66	2,48
	25,0	8,47	2,32	8,86	2,37	9,22	2,42	9,45	2,45	10,03	2,53	10,42	2,58
	32,0	7,92	2,56	8,31	2,61	8,70	2,66	8,90	2,68	9,48	2,76	9,87	2,81
	35,0	7,68	2,69	8,07	2,72	8,46	2,77	8,66	2,79	9,25	2,87	9,64	2,92
	40,0	7,29	2,86	7,68	2,91	8,07	2,96	8,27	2,99	8,85	3,06	9,24	3,11
	43,0	7,05	2,98	7,44	3,03	7,83	3,08	8,03	3,11	8,61	3,18	9,00	3,23
	46,0	6,77	2,69	7,12	2,69	7,46	2,69	7,62	2,69	8,11	2,69	8,43	2,69
1.5+4.2+5.0	22,0	8,89	2,25	9,29	2,30	9,69	2,35	9,89	2,37	10,49	2,45	10,89	2,50
	25,0	8,65	2,34	9,05	2,39	9,45	2,44	9,65	2,47	10,24	2,54	10,64	2,59
	32,0	8,08	2,58	8,48	2,63	8,88	2,68	9,08	2,70	9,68	2,75	10,08	2,83
	35,0	7,84	2,69	8,24	2,74	8,64	2,79	8,84	2,81	9,44	2,89	9,84	2,94
	40,0	7,44	2,88	7,84	2,93	8,24	2,98	8,44	3,01	9,04	3,08	9,43	3,13
	43,0	7,20	3,00	7,60	3,05	8,00	3,11	8,19	3,13	8,79	3,21	9,19	3,25
	46,0	6,90	2,68	7,25	2,68	7,59	2,68	7,76	2,68	8,25	2,68	8,58	2,68

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104109

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+4.2+6.0	22,0	9,54	2,43	9,94	2,48	10,34	2,53	10,54	2,55	11,14	2,63	11,54	2,68
	25,0	9,30	2,52	9,70	2,57	10,10	2,62	10,30	2,65	10,89	2,72	11,29	2,77
	32,0	8,73	2,76	9,13	2,81	9,53	2,86	9,73	2,88	10,33	2,93	10,73	3,01
	35,0	8,49	2,87	8,89	2,92	9,29	2,97	9,49	2,99	10,09	3,07	10,49	3,12
	40,0	8,09	3,06	8,49	3,11	8,89	3,16	9,09	3,19	9,69	3,26	10,08	3,31
	43,0	7,85	3,18	8,25	3,23	8,65	3,29	8,84	3,31	9,44	3,39	9,84	3,43
	46,0	7,55	2,86	7,90	2,86	8,24	2,86	8,41	2,86	8,90	2,86	9,23	2,86
1.5+4.2+7.1	22,0	9,56	2,43	9,96	2,48	10,36	2,53	10,56	2,55	11,16	2,63	11,56	2,68
	25,0	9,32	2,52	9,72	2,57	10,12	2,62	10,32	2,65	10,91	2,72	11,31	2,77
	32,0	8,75	2,76	9,15	2,81	9,55	2,86	9,75	2,88	10,35	2,93	10,75	3,01
	35,0	8,51	2,87	8,91	2,92	9,31	2,97	9,51	2,99	10,11	3,07	10,51	3,12
	40,0	8,11	3,06	8,51	3,11	8,91	3,16	9,11	3,19	9,71	3,26	10,10	3,31
	43,0	7,87	3,18	8,27	3,23	8,67	3,29	8,86	3,31	9,46	3,39	9,86	3,43
	46,0	7,57	2,86	7,92	2,86	8,26	2,86	8,43	2,86	8,92	2,86	9,25	2,86
1.5+5.0+5.0	22,0	9,25	2,36	9,67	2,41	10,08	2,46	10,29	2,49	10,92	2,57	11,33	2,62
	25,0	9,00	2,46	9,42	2,51	9,83	2,56	10,04	2,59	10,66	2,67	11,08	2,72
	32,0	8,41	2,71	8,83	2,76	9,24	2,81	9,45	2,84	10,08	2,92	10,49	2,97
	35,0	8,16	2,82	8,58	2,87	8,99	2,93	9,20	2,95	9,82	3,03	10,24	3,09
	40,0	7,74	3,02	8,16	3,08	8,57	3,13	8,78	3,16	9,40	3,24	9,82	3,29
	43,0	7,49	3,15	7,90	3,21	8,32	3,23	8,52	3,23	9,12	3,23	9,50	3,23
	46,0	7,17	2,66	7,52	2,66	7,86	2,66	8,03	2,66	8,53	2,66	8,86	2,66
1.5+5.0+6.0	22,0	9,71	2,43	10,13	2,48	10,54	2,53	10,75	2,56	11,38	2,64	11,79	2,69
	25,0	9,46	2,53	9,88	2,58	10,29	2,63	10,50	2,66	11,12	2,74	11,54	2,79
	32,0	8,87	2,78	9,29	2,83	9,70	2,88	9,91	2,91	10,54	2,99	10,95	3,04
	35,0	8,62	2,89	9,04	2,94	9,45	3,00	9,66	3,02	10,28	3,10	10,70	3,16
	40,0	8,20	3,09	8,62	3,15	9,03	3,20	9,24	3,23	9,86	3,31	10,28	3,36
	43,0	7,95	3,22	8,36	3,28	8,78	3,30	8,98	3,30	9,58	3,30	9,96	3,30
	46,0	7,63	2,73	7,98	2,73	8,32	2,73	8,49	2,73	8,99	2,73	9,32	2,73
1.5+5.0+7.1	22,0	9,73	2,43	10,15	2,48	10,56	2,53	10,77	2,56	11,40	2,64	11,81	2,69
	25,0	9,48	2,53	9,90	2,58	10,31	2,63	10,52	2,66	11,14	2,74	11,56	2,79
	32,0	8,89	2,78	9,31	2,83	9,72	2,88	9,93	2,91	10,56	2,99	10,97	3,04
	35,0	8,64	2,89	9,06	2,94	9,47	3,00	9,68	3,02	10,30	3,10	10,72	3,16
	40,0	8,22	3,09	8,64	3,15	9,05	3,20	9,26	3,23	9,88	3,31	10,30	3,36
	43,0	7,97	3,22	8,38	3,28	8,80	3,30	9,00	3,30	9,60	3,30	9,98	3,30
	46,0	7,65	2,73	8,00	2,73	8,34	2,73	8,51	2,73	9,01	2,73	9,34	2,73
1.5+6.0+6.0	22,0	10,18	2,49	10,60	2,54	11,01	2,59	11,22	2,62	11,85	2,70	12,26	2,75
	25,0	9,93	2,59	10,35	2,64	10,76	2,69	10,97	2,72	11,59	2,80	12,01	2,85
	32,0	9,34	2,84	9,76	2,89	10,17	2,94	10,38	2,97	11,01	3,05	11,42	3,10
	35,0	9,09	2,95	9,51	3,00	9,92	3,06	10,13	3,08	10,75	3,16	11,17	3,22
	40,0	8,67	3,15	9,09	3,21	9,50	3,26	9,71	3,29	10,33	3,37	10,75	3,42
	43,0	8,42	3,28	8,83	3,34	9,25	3,36	9,45	3,36	10,05	3,36	10,43	3,36
	46,0	8,10	2,79	8,45	2,79	8,79	2,79	8,96	2,79	9,46	2,79	9,79	2,79

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+6.0+7.1	22,0	10,20	2,49	10,62	2,54	11,03	2,59	11,24	2,62	11,87	2,70	12,28	2,75
	25,0	9,95	2,59	10,37	2,64	10,78	2,69	10,99	2,72	11,61	2,80	12,03	2,85
	32,0	9,36	2,84	9,78	2,89	10,19	2,94	10,40	2,97	11,03	3,05	11,44	3,10
	35,0	9,11	2,95	9,53	3,00	9,94	3,06	10,15	3,08	10,77	3,16	11,19	3,22
	40,0	8,69	3,15	9,11	3,21	9,52	3,26	9,73	3,29	10,35	3,37	10,77	3,42
	43,0	8,44	3,28	8,85	3,34	9,27	3,36	9,47	3,36	10,07	3,36	10,45	3,36
	46,0	8,12	2,79	8,47	2,79	8,81	2,79	8,98	2,79	9,48	2,79	9,81	2,79
2.0+2.0+2.0	22,0	6,80	1,39	7,10	1,42	7,41	1,45	7,56	1,47	8,02	1,52	8,33	1,55
	25,0	6,61	1,45	6,92	1,48	7,22	1,51	7,38	1,53	7,84	1,57	8,14	1,61
	32,0	6,18	1,60	6,49	1,63	6,79	1,66	6,95	1,67	7,40	1,72	7,71	1,75
	35,0	6,00	1,66	6,30	1,70	6,61	1,73	6,76	1,74	7,22	1,79	7,52	1,82
	40,0	5,69	1,78	5,99	1,82	6,30	1,85	6,45	1,86	6,91	1,91	7,21	1,94
	43,0	5,50	1,86	5,81	1,89	6,11	1,92	6,27	1,94	6,72	1,99	7,03	2,02
	46,0	5,32	1,94	5,62	1,97	5,93	2,00	6,08	2,02	6,54	2,07	6,84	2,10
2.0+2.0+2.5	22,0	7,15	1,58	7,45	1,61	7,76	1,64	7,91	1,66	8,37	1,71	8,68	1,74
	25,0	6,96	1,64	7,27	1,67	7,57	1,70	7,73	1,72	8,19	1,76	8,49	1,80
	32,0	6,53	1,79	6,84	1,82	7,14	1,85	7,30	1,86	7,75	1,91	8,06	1,94
	35,0	6,35	1,85	6,65	1,89	6,96	1,92	7,11	1,93	7,57	1,98	7,87	2,01
	40,0	6,04	1,97	6,34	2,01	6,65	2,04	6,80	2,05	7,26	2,10	7,56	2,13
	43,0	5,85	2,05	6,16	2,08	6,46	2,11	6,62	2,13	7,07	2,18	7,38	2,21
	46,0	5,67	2,13	5,97	2,16	6,28	2,19	6,43	2,21	6,89	2,26	7,19	2,29
2.0+2.0+3.5	22,0	7,83	1,83	8,19	1,87	8,54	1,91	8,71	1,93	9,24	2,00	9,59	2,04
	25,0	7,62	1,91	7,97	1,95	8,33	1,99	8,50	2,01	9,03	2,07	9,38	2,11
	32,0	7,12	2,10	7,48	2,14	7,83	2,18	8,00	2,20	8,53	2,27	8,88	2,31
	35,0	6,91	2,19	7,26	2,23	7,61	2,27	7,79	2,29	8,32	2,35	8,67	2,40
	40,0	6,55	2,35	6,91	2,39	7,26	2,43	7,43	2,45	7,96	2,51	8,31	2,55
	43,0	6,34	2,45	6,69	2,49	7,04	2,53	7,22	2,55	7,75	2,61	8,10	2,65
	46,0	6,13	2,55	6,48	2,59	6,83	2,63	7,01	2,65	7,54	2,72	7,88	2,75
2.0+2.0+4.2	22,0	8,28	2,10	8,64	2,14	8,99	2,18	9,16	2,20	9,69	2,27	10,04	2,31
	25,0	8,07	2,18	8,42	2,22	8,78	2,26	8,95	2,28	9,48	2,34	9,83	2,38
	32,0	7,57	2,37	7,93	2,41	8,28	2,45	8,45	2,47	8,98	2,54	9,33	2,58
	35,0	7,36	2,46	7,71	2,50	8,06	2,54	8,24	2,56	8,77	2,62	9,12	2,67
	40,0	7,00	2,62	7,36	2,66	7,71	2,70	7,88	2,72	8,41	2,78	8,76	2,82
	43,0	6,79	2,72	7,14	2,76	7,49	2,80	7,67	2,82	8,20	2,88	8,55	2,92
	46,0	6,58	2,82	6,93	2,86	7,28	2,90	7,46	2,92	7,99	2,99	8,33	3,02
2.0+2.0+5.0	22,0	8,75	2,20	9,14	2,25	9,54	2,30	9,73	2,32	10,32	2,40	10,72	2,45
	25,0	8,51	2,29	8,90	2,34	9,30	2,39	9,49	2,41	10,08	2,49	10,48	2,54
	32,0	7,96	2,52	8,35	2,57	8,74	2,62	8,94	2,65	9,53	2,72	9,92	2,77
	35,0	7,72	2,63	8,11	2,68	8,50	2,73	8,70	2,75	9,29	2,83	9,68	2,88
	40,0	7,32	2,82	7,71	2,87	8,11	2,92	8,30	2,94	8,89	3,02	9,29	3,07
	43,0	7,08	2,94	7,48	2,99	7,87	3,04	8,06	3,06	8,65	3,14	9,05	3,19
	46,0	6,79	2,69	7,14	2,69	7,48	2,69	7,65	2,69	8,15	2,69	8,47	2,69

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104110

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+6.0	22,0	9,26	2,32	9,65	2,37	10,05	2,42	10,24	2,44	10,83	2,52	11,23	2,57
	25,0	9,02	2,41	9,41	2,46	9,81	2,51	10,00	2,53	10,59	2,61	10,99	2,66
	32,0	8,47	2,64	8,86	2,69	9,25	2,74	9,45	2,77	10,04	2,84	10,43	2,89
	35,0	8,23	2,75	8,62	2,80	9,01	2,85	9,21	2,87	9,80	2,95	10,19	3,00
	40,0	7,83	2,94	8,22	2,99	8,62	3,04	8,81	3,06	9,40	3,14	9,80	3,19
	43,0	7,59	3,06	7,99	3,11	8,38	3,16	8,57	3,18	9,16	3,26	9,56	3,31
	46,0	7,30	2,81	7,65	2,81	7,99	2,81	8,16	2,81	8,66	2,81	8,98	2,81
2.0+2.0+7.1	22,0	9,54	2,44	9,93	2,49	10,33	2,54	10,52	2,56	11,11	2,64	11,51	2,69
	25,0	9,30	2,53	9,69	2,58	10,09	2,63	10,28	2,65	10,87	2,73	11,27	2,78
	32,0	8,75	2,76	9,14	2,81	9,53	2,86	9,73	2,89	10,32	2,96	10,71	3,01
	35,0	8,51	2,87	8,90	2,92	9,29	2,97	9,49	2,99	10,08	3,07	10,47	3,12
	40,0	8,11	3,06	8,50	3,11	8,90	3,16	9,09	3,18	9,68	3,26	10,08	3,31
	43,0	7,87	3,18	8,27	3,23	8,66	3,28	8,85	3,30	9,44	3,38	9,84	3,43
	46,0	7,58	2,93	7,93	2,93	8,27	2,93	8,44	2,93	8,94	2,93	9,26	2,93
2.0+2.5+2.5	22,0	7,50	1,79	7,80	1,82	8,11	1,85	8,26	1,87	8,72	1,92	9,03	1,95
	25,0	7,31	1,85	7,62	1,88	7,92	1,91	8,08	1,93	8,54	1,97	8,84	2,01
	32,0	6,88	2,00	7,19	2,03	7,49	2,06	7,65	2,07	8,10	2,12	8,41	2,15
	35,0	6,70	2,06	7,00	2,10	7,31	2,13	7,46	2,14	7,92	2,19	8,22	2,22
	40,0	6,39	2,18	6,69	2,22	7,00	2,25	7,15	2,26	7,61	2,31	7,91	2,34
	43,0	6,20	2,26	6,51	2,29	6,81	2,32	6,97	2,34	7,42	2,39	7,73	2,42
	46,0	6,02	2,34	6,32	2,37	6,63	2,40	6,78	2,42	7,24	2,47	7,54	2,50
2.0+2.5+3.5	22,0	8,16	2,04	8,52	2,08	8,87	2,12	9,04	2,14	9,57	2,21	9,92	2,25
	25,0	7,95	2,12	8,30	2,16	8,66	2,20	8,83	2,22	9,36	2,28	9,71	2,32
	32,0	7,45	2,31	7,81	2,35	8,16	2,39	8,33	2,41	8,86	2,48	9,21	2,52
	35,0	7,24	2,40	7,59	2,44	7,94	2,48	8,12	2,50	8,65	2,56	9,00	2,61
	40,0	6,88	2,56	7,24	2,60	7,59	2,64	7,76	2,66	8,29	2,72	8,64	2,76
	43,0	6,67	2,66	7,02	2,70	7,37	2,74	7,55	2,76	8,08	2,82	8,43	2,86
	46,0	6,46	2,76	6,81	2,80	7,16	2,84	7,34	2,86	7,87	2,93	8,21	2,96
2.0+2.5+4.2	22,0	8,57	2,27	8,93	2,31	9,28	2,35	9,45	2,37	9,98	2,44	10,33	2,48
	25,0	8,36	2,35	8,71	2,39	9,07	2,43	9,24	2,45	9,77	2,51	10,12	2,55
	32,0	7,86	2,54	8,22	2,58	8,57	2,62	8,74	2,64	9,27	2,71	9,62	2,75
	35,0	7,65	2,63	8,00	2,67	8,35	2,71	8,53	2,73	9,06	2,79	9,41	2,84
	40,0	7,29	2,79	7,65	2,83	8,00	2,87	8,17	2,89	8,70	2,95	9,05	2,99
	43,0	7,08	2,89	7,43	2,93	7,78	2,97	7,96	2,99	8,49	3,05	8,84	3,09
	46,0	6,87	2,99	7,22	3,03	7,57	3,07	7,75	3,09	8,28	3,16	8,62	3,19
2.0+2.5+5.0	22,0	8,87	2,25	9,26	2,30	9,66	2,35	9,85	2,37	10,44	2,45	10,84	2,50
	25,0	8,63	2,34	9,02	2,39	9,42	2,44	9,61	2,46	10,20	2,54	10,60	2,59
	32,0	8,08	2,57	8,47	2,62	8,86	2,67	9,06	2,70	9,65	2,77	10,04	2,82
	35,0	7,84	2,68	8,23	2,73	8,62	2,78	8,82	2,80	9,41	2,88	9,80	2,93
	40,0	7,44	2,87	7,83	2,92	8,23	2,97	8,42	2,99	9,01	3,07	9,41	3,12
	43,0	7,20	2,99	7,60	3,04	7,99	3,09	8,18	3,11	8,77	3,19	9,17	3,24
	46,0	6,91	2,74	7,26	2,74	7,60	2,74	7,77	2,74	8,27	2,74	8,59	2,74

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+6.0	22,0	9,33	2,32	9,72	2,37	10,12	2,42	10,31	2,44	10,90	2,52	11,30	2,57
	25,0	9,09	2,41	9,48	2,46	9,88	2,51	10,07	2,53	10,66	2,61	11,06	2,66
	32,0	8,54	2,64	8,93	2,69	9,32	2,74	9,52	2,77	10,11	2,84	10,50	2,89
	35,0	8,30	2,75	8,69	2,80	9,08	2,85	9,28	2,87	9,87	2,95	10,26	3,00
	40,0	7,90	2,94	8,29	2,99	8,69	3,04	8,88	3,06	9,47	3,14	9,87	3,19
	43,0	7,66	3,06	8,06	3,11	8,45	3,16	8,64	3,18	9,23	3,26	9,63	3,31
	46,0	7,37	2,81	7,72	2,81	8,06	2,81	8,23	2,81	8,73	2,81	9,05	2,81
2.0+2.5+7.1	22,0	9,54	2,44	9,93	2,49	10,33	2,54	10,52	2,56	11,11	2,64	11,51	2,69
	25,0	9,30	2,53	9,69	2,58	10,09	2,63	10,28	2,65	10,87	2,73	11,27	2,78
	32,0	8,75	2,76	9,14	2,81	9,53	2,86	9,73	2,89	10,32	2,96	10,71	3,01
	35,0	8,51	2,87	8,90	2,92	9,29	2,97	9,49	2,99	10,08	3,07	10,47	3,12
	40,0	8,11	3,06	8,50	3,11	8,90	3,16	9,09	3,18	9,68	3,26	10,08	3,31
	43,0	7,87	3,18	8,27	3,23	8,66	3,28	8,85	3,30	9,44	3,38	9,84	3,43
	46,0	7,58	2,93	7,93	2,93	8,27	2,93	8,44	2,93	8,94	2,93	9,26	2,93
2.0+3.5+3.5	22,0	8,69	2,23	9,08	2,28	9,47	2,33	9,67	2,36	10,25	2,43	10,64	2,48
	25,0	8,45	2,32	8,84	2,37	9,20	2,42	9,43	2,45	10,01	2,53	10,40	2,58
	32,0	7,90	2,56	8,29	2,61	8,68	2,66	8,88	2,68	9,46	2,76	9,85	2,81
	35,0	7,66	2,69	8,05	2,72	8,44	2,77	8,64	2,79	9,23	2,87	9,62	2,92
	40,0	7,27	2,86	7,66	2,91	8,05	2,96	8,25	2,99	8,83	3,06	9,22	3,11
	43,0	7,03	2,98	7,42	3,03	7,81	3,08	8,01	3,11	8,59	3,18	8,98	3,23
	46,0	6,75	2,69	7,10	2,69	7,44	2,69	7,60	2,69	8,09	2,69	8,41	2,69
2.0+3.5+4.2	22,0	8,70	2,23	9,09	2,28	9,48	2,33	9,68	2,36	10,26	2,43	10,65	2,48
	25,0	8,46	2,32	8,85	2,37	9,21	2,42	9,44	2,45	10,02	2,53	10,41	2,58
	32,0	7,91	2,56	8,30	2,61	8,69	2,66	8,89	2,68	9,47	2,76	9,86	2,81
	35,0	7,67	2,69	8,06	2,72	8,45	2,77	8,65	2,79	9,24	2,87	9,63	2,92
	40,0	7,28	2,86	7,67	2,91	8,06	2,96	8,26	2,99	8,84	3,06	9,23	3,11
	43,0	7,04	2,98	7,43	3,03	7,82	3,08	8,02	3,11	8,60	3,18	8,99	3,23
	46,0	6,76	2,69	7,11	2,69	7,45	2,69	7,61	2,69	8,10	2,69	8,42	2,69
2.0+3.5+5.0	22,0	8,88	2,25	9,28	2,30	9,68	2,35	9,88	2,37	10,48	2,45	10,88	2,50
	25,0	8,64	2,34	9,04	2,39	9,44	2,44	9,64	2,47	10,23	2,54	10,63	2,59
	32,0	8,07	2,58	8,47	2,63	8,87	2,68	9,07	2,70	9,67	2,75	10,07	2,83
	35,0	7,83	2,69	8,23	2,74	8,63	2,79	8,83	2,81	9,43	2,89	9,83	2,94
	40,0	7,43	2,88	7,83	2,93	8,23	2,98	8,43	3,01	9,03	3,08	9,42	3,13
	43,0	7,19	3,00	7,59	3,05	7,99	3,11	8,18	3,13	8,78	3,21	9,18	3,25
	46,0	6,89	2,68	7,24	2,68	7,58	2,68	7,75	2,68	8,24	2,68	8,57	2,68
2.0+3.5+6.0	22,0	9,53	2,43	9,93	2,48	10,33	2,53	10,53	2,55	11,13	2,63	11,53	2,68
	25,0	9,29	2,52	9,69	2,57	10,09	2,62	10,29	2,65	10,88	2,72	11,28	2,77
	32,0	8,72	2,76	9,12	2,81	9,52	2,86	9,72	2,88	10,32	2,93	10,72	3,01
	35,0	8,48	2,87	8,88	2,92	9,28	2,97	9,48	2,99	10,08	3,07	10,48	3,12
	40,0	8,08	3,06	8,48	3,11	8,88	3,16	9,08	3,19	9,68	3,26	10,07	3,31
	43,0	7,84	3,18	8,24	3,23	8,64	3,29	8,83	3,31	9,43	3,39	9,83	3,43
	46,0	7,54	2,86	7,89	2,86	8,23	2,86	8,40	2,86	8,89	2,86	9,22	2,86

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104111

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+3.5+7.1	22,0	9,55	2,43	9,95	2,48	10,35	2,53	10,55	2,55	11,15	2,63	11,55	2,68
	25,0	9,31	2,52	9,71	2,57	10,11	2,62	10,31	2,65	10,90	2,72	11,30	2,77
	32,0	8,74	2,76	9,14	2,81	9,54	2,86	9,74	2,88	10,34	2,93	10,74	3,01
	35,0	8,50	2,87	8,90	2,92	9,30	2,97	9,50	2,99	10,10	3,07	10,50	3,12
	40,0	8,10	3,06	8,50	3,11	8,90	3,16	9,10	3,19	9,70	3,26	10,09	3,31
	43,0	7,86	3,18	8,26	3,23	8,66	3,29	8,85	3,31	9,45	3,39	9,85	3,43
	46,0	7,56	2,86	7,91	2,86	8,25	2,86	8,42	2,86	8,91	2,86	9,24	2,86
2.0+4.2+4.2	22,0	8,71	2,23	9,10	2,28	9,49	2,33	9,69	2,36	10,27	2,43	10,66	2,48
	25,0	8,47	2,32	8,86	2,37	9,22	2,42	9,45	2,45	10,03	2,53	10,42	2,58
	32,0	7,92	2,56	8,31	2,61	8,70	2,66	8,90	2,68	9,48	2,76	9,87	2,81
	35,0	7,68	2,69	8,07	2,72	8,46	2,77	8,66	2,79	9,25	2,87	9,64	2,92
	40,0	7,29	2,86	7,68	2,91	8,07	2,96	8,27	2,99	8,85	3,06	9,24	3,11
	43,0	7,05	2,98	7,44	3,03	7,83	3,08	8,03	3,11	8,61	3,18	9,00	3,23
	46,0	6,77	2,69	7,12	2,69	7,46	2,69	7,62	2,69	8,11	2,69	8,43	2,69
2.0+4.2+5.0	22,0	9,07	2,37	9,47	2,42	9,87	2,47	10,07	2,49	10,67	2,57	11,07	2,62
	25,0	8,83	2,46	9,23	2,51	9,63	2,56	9,83	2,59	10,42	2,66	10,82	2,71
	32,0	8,26	2,70	8,66	2,75	9,06	2,80	9,26	2,82	9,86	2,87	10,26	2,95
	35,0	8,02	2,81	8,42	2,86	8,82	2,91	9,02	2,93	9,62	3,01	10,02	3,06
	40,0	7,62	3,00	8,02	3,05	8,42	3,10	8,62	3,13	9,22	3,20	9,61	3,25
	43,0	7,38	3,12	7,78	3,17	8,18	3,23	8,37	3,25	8,97	3,33	9,37	3,37
	46,0	7,08	2,80	7,43	2,80	7,77	2,80	7,94	2,80	8,43	2,80	8,76	2,80
2.0+4.2+6.0	22,0	9,54	2,43	9,94	2,48	10,34	2,53	10,54	2,55	11,14	2,63	11,54	2,68
	25,0	9,30	2,52	9,70	2,57	10,10	2,62	10,30	2,65	10,89	2,72	11,29	2,77
	32,0	8,73	2,76	9,13	2,81	9,53	2,86	9,73	2,88	10,33	2,93	10,73	3,01
	35,0	8,49	2,87	8,89	2,92	9,29	2,97	9,49	2,99	10,09	3,07	10,49	3,12
	40,0	8,09	3,06	8,49	3,11	8,89	3,16	9,09	3,19	9,69	3,26	10,08	3,31
	43,0	7,85	3,18	8,25	3,23	8,65	3,29	8,84	3,31	9,44	3,39	9,84	3,43
	46,0	7,55	2,86	7,90	2,86	8,24	2,86	8,41	2,86	8,90	2,86	9,23	2,86
2.0+4.2+7.1	22,0	9,56	2,43	9,96	2,48	10,36	2,53	10,56	2,55	11,16	2,63	11,56	2,68
	25,0	9,32	2,52	9,72	2,57	10,12	2,62	10,32	2,65	10,91	2,72	11,31	2,77
	32,0	8,75	2,76	9,15	2,81	9,55	2,86	9,75	2,88	10,35	2,93	10,75	3,01
	35,0	8,51	2,87	8,91	2,92	9,31	2,97	9,51	2,99	10,11	3,07	10,51	3,12
	40,0	8,11	3,06	8,51	3,11	8,91	3,16	9,11	3,19	9,71	3,26	10,10	3,31
	43,0	7,87	3,18	8,27	3,23	8,67	3,29	8,86	3,31	9,46	3,39	9,86	3,43
	46,0	7,57	2,86	7,92	2,86	8,26	2,86	8,43	2,86	8,92	2,86	9,25	2,86
2.0+5.0+5.0	22,0	9,25	2,36	9,67	2,41	10,08	2,46	10,29	2,49	10,92	2,57	11,33	2,62
	25,0	9,00	2,46	9,42	2,51	9,83	2,56	10,04	2,59	10,66	2,67	11,08	2,72
	32,0	8,41	2,71	8,83	2,76	9,24	2,81	9,45	2,84	10,08	2,92	10,49	2,97
	35,0	8,16	2,82	8,58	2,87	8,99	2,93	9,20	2,95	9,82	3,03	10,24	3,09
	40,0	7,74	3,02	8,16	3,08	8,57	3,13	8,78	3,16	9,40	3,24	9,82	3,29
	43,0	7,49	3,15	7,90	3,21	8,32	3,23	8,52	3,23	9,12	3,23	9,50	3,23
	46,0	7,17	2,66	7,52	2,66	7,86	2,66	8,03	2,66	8,53	2,66	8,86	2,66

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+5.0+6.0	22,0	9,71	2,43	10,13	2,48	10,54	2,53	10,75	2,56	11,38	2,64	11,79	2,69
	25,0	9,46	2,53	9,88	2,58	10,29	2,63	10,50	2,66	11,12	2,74	11,54	2,79
	32,0	8,87	2,78	9,29	2,83	9,70	2,88	9,91	2,91	10,54	2,99	10,95	3,04
	35,0	8,62	2,89	9,04	2,94	9,45	3,00	9,66	3,02	10,28	3,10	10,70	3,16
	40,0	8,20	3,09	8,62	3,15	9,03	3,20	9,24	3,23	9,86	3,31	10,28	3,36
	43,0	7,95	3,22	8,36	3,28	8,78	3,30	8,98	3,30	9,58	3,30	9,96	3,30
	46,0	7,63	2,73	7,98	2,73	8,32	2,73	8,49	2,73	8,99	2,73	9,32	2,73
2.0+5.0+7.1	22,0	9,73	2,43	10,15	2,48	10,56	2,53	10,77	2,56	11,40	2,64	11,81	2,69
	25,0	9,48	2,53	9,90	2,58	10,31	2,63	10,52	2,66	11,14	2,74	11,56	2,79
	32,0	8,89	2,78	9,31	2,83	9,72	2,88	9,93	2,91	10,56	2,99	10,97	3,04
	35,0	8,64	2,89	9,06	2,94	9,47	3,00	9,68	3,02	10,30	3,10	10,72	3,16
	40,0	8,22	3,09	8,64	3,15	9,05	3,20	9,26	3,23	9,88	3,31	10,30	3,36
	43,0	7,97	3,22	8,38	3,28	8,80	3,30	9,00	3,30	9,60	3,30	9,98	3,30
	46,0	7,65	2,73	8,00	2,73	8,34	2,73	8,51	2,73	9,01	2,73	9,34	2,73
2.0+6.0+6.0	22,0	10,18	2,49	10,60	2,54	11,01	2,59	11,22	2,62	11,85	2,70	12,26	2,75
	25,0	9,93	2,59	10,35	2,64	10,76	2,69	10,97	2,72	11,59	2,80	12,01	2,85
	32,0	9,34	2,84	9,76	2,89	10,17	2,94	10,38	2,97	11,01	3,05	11,42	3,10
	35,0	9,09	2,95	9,51	3,00	9,92	3,06	10,13	3,08	10,75	3,16	11,17	3,22
	40,0	8,67	3,15	9,09	3,21	9,50	3,26	9,71	3,29	10,33	3,37	10,75	3,42
	43,0	8,42	3,28	8,83	3,34	9,25	3,36	9,45	3,36	10,05	3,36	10,43	3,36
	46,0	8,10	2,79	8,45	2,79	8,79	2,79	8,96	2,79	9,46	2,79	9,79	2,79
2.0+6.0+7.1	22,0	10,66	2,97	11,08	3,02	11,49	3,07	11,70	3,10	12,33	3,18	12,74	3,23
	25,0	10,41	3,07	10,83	3,12	11,24	3,17	11,45	3,20	12,07	3,28	12,49	3,33
	32,0	9,82	3,32	10,24	3,37	10,65	3,42	10,86	3,45	11,49	3,53	11,90	3,58
	35,0	9,57	3,43	9,99	3,48	10,40	3,54	10,61	3,56	11,23	3,64	11,65	3,70
	40,0	9,15	3,63	9,57	3,69	9,98	3,74	10,19	3,77	10,81	3,85	11,23	3,90
	43,0	8,90	3,76	9,31	3,82	9,73	3,84	9,93	3,84	10,53	3,84	10,91	3,84
	46,0	8,58	3,27	8,93	3,27	9,27	3,27	9,44	3,27	9,94	3,27	10,27	3,27
2.5+2.5+2.5	22,0	7,83	1,94	8,13	1,97	8,44	2,00	8,59	2,02	9,05	2,07	9,36	2,10
	25,0	7,64	2,00	7,95	2,03	8,25	2,06	8,41	2,08	8,87	2,12	9,17	2,16
	32,0	7,21	2,15	7,52	2,18	7,82	2,21	7,98	2,22	8,43	2,27	8,74	2,30
	35,0	7,03	2,21	7,33	2,25	7,64	2,28	7,79	2,29	8,25	2,34	8,55	2,37
	40,0	6,72	2,33	7,02	2,37	7,33	2,40	7,48	2,41	7,94	2,46	8,24	2,49
	43,0	6,53	2,41	6,84	2,44	7,14	2,47	7,30	2,49	7,75	2,54	8,06	2,57
	46,0	6,35	2,49	6,65	2,52	6,96	2,55	7,11	2,57	7,57	2,62	7,87	2,65
2.5+2.5+3.5	22,0	8,46	2,21	8,82	2,25	9,17	2,29	9,34	2,31	9,87	2,38	10,22	2,42
	25,0	8,25	2,29	8,60	2,33	8,96	2,37	9,13	2,39	9,66	2,45	10,01	2,49
	32,0	7,75	2,48	8,11	2,52	8,46	2,56	8,63	2,58	9,16	2,65	9,51	2,69
	35,0	7,54	2,57	7,89	2,61	8,24	2,65	8,42	2,67	8,95	2,73	9,30	2,78
	40,0	7,18	2,73	7,54	2,77	7,89	2,81	8,06	2,83	8,59	2,89	8,94	2,93
	43,0	6,97	2,83	7,32	2,87	7,67	2,91	7,85	2,93	8,38	2,99	8,73	3,03
	46,0	6,76	2,93	7,11	2,97	7,46	3,01	7,64	3,03	8,17	3,10	8,51	3,13

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104112

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+2.5+4.2	22,0	8,68	2,33	9,04	2,37	9,39	2,41	9,56	2,43	10,09	2,50	10,44	2,54
	25,0	8,47	2,41	8,82	2,45	9,18	2,49	9,35	2,51	9,88	2,57	10,23	2,61
	32,0	7,97	2,60	8,33	2,64	8,68	2,68	8,85	2,70	9,38	2,77	9,73	2,81
	35,0	7,76	2,69	8,11	2,73	8,46	2,77	8,64	2,79	9,17	2,85	9,52	2,90
	40,0	7,40	2,85	7,76	2,89	8,11	2,93	8,28	2,95	8,81	3,01	9,16	3,05
	43,0	7,19	2,95	7,54	2,99	7,89	3,03	8,07	3,05	8,60	3,11	8,95	3,15
	46,0	6,98	3,05	7,33	3,09	7,68	3,13	7,86	3,15	8,39	3,22	8,73	3,25
2.5+2.5+5.0	22,0	8,87	2,25	9,26	2,30	9,66	2,35	9,85	2,37	10,44	2,45	10,84	2,50
	25,0	8,63	2,34	9,02	2,39	9,42	2,44	9,61	2,46	10,20	2,54	10,60	2,59
	32,0	8,08	2,57	8,47	2,62	8,86	2,67	9,06	2,70	9,65	2,77	10,04	2,82
	35,0	7,84	2,68	8,23	2,73	8,62	2,78	8,82	2,80	9,41	2,88	9,80	2,93
	40,0	7,44	2,87	7,83	2,92	8,23	2,97	8,42	2,99	9,01	3,07	9,41	3,12
	43,0	7,20	2,99	7,60	3,04	7,99	3,09	8,18	3,11	8,77	3,19	9,17	3,24
	46,0	6,91	2,74	7,26	2,74	7,60	2,74	7,77	2,74	8,27	2,74	8,59	2,74
2.5+2.5+6.0	22,0	9,33	2,32	9,72	2,37	10,12	2,42	10,31	2,44	10,90	2,52	11,30	2,57
	25,0	9,09	2,41	9,48	2,46	9,88	2,51	10,07	2,53	10,66	2,61	11,06	2,66
	32,0	8,54	2,64	8,93	2,69	9,32	2,74	9,52	2,77	10,11	2,84	10,50	2,89
	35,0	8,30	2,75	8,69	2,80	9,08	2,85	9,28	2,87	9,87	2,95	10,26	3,00
	40,0	7,90	2,94	8,29	2,99	8,69	3,04	8,88	3,06	9,47	3,14	9,87	3,19
	43,0	7,66	3,06	8,06	3,11	8,45	3,16	8,64	3,18	9,23	3,26	9,63	3,31
	46,0	7,37	2,81	7,72	2,81	8,06	2,81	8,23	2,81	8,73	2,81	9,05	2,81
2.5+2.5+7.1	22,0	9,54	2,44	9,93	2,49	10,33	2,54	10,52	2,56	11,11	2,64	11,51	2,69
	25,0	9,30	2,53	9,69	2,58	10,09	2,63	10,28	2,65	10,87	2,73	11,27	2,78
	32,0	8,75	2,76	9,14	2,81	9,53	2,86	9,73	2,89	10,32	2,96	10,71	3,01
	35,0	8,51	2,87	8,90	2,92	9,29	2,97	9,49	2,99	10,08	3,07	10,47	3,12
	40,0	8,11	3,06	8,50	3,11	8,90	3,16	9,09	3,18	9,68	3,26	10,08	3,31
	43,0	7,87	3,18	8,27	3,23	8,66	3,28	8,85	3,30	9,44	3,38	9,84	3,43
	46,0	7,58	2,93	7,93	2,93	8,27	2,93	8,44	2,93	8,94	2,93	9,26	2,93
2.5+3.5+3.5	22,0	8,69	2,23	9,08	2,28	9,47	2,33	9,67	2,36	10,25	2,43	10,64	2,48
	25,0	8,45	2,32	8,84	2,37	9,20	2,42	9,43	2,45	10,01	2,53	10,40	2,58
	32,0	7,90	2,56	8,29	2,61	8,68	2,66	8,88	2,68	9,46	2,76	9,85	2,81
	35,0	7,66	2,69	8,05	2,72	8,44	2,77	8,64	2,79	9,23	2,87	9,62	2,92
	40,0	7,27	2,86	7,66	2,91	8,05	2,96	8,25	2,99	8,83	3,06	9,22	3,11
	43,0	7,03	2,98	7,42	3,03	7,81	3,08	8,01	3,11	8,59	3,18	8,98	3,23
	46,0	6,75	2,69	7,10	2,69	7,44	2,69	7,60	2,69	8,09	2,69	8,41	2,69
2.5+3.5+4.2	22,0	8,70	2,23	9,09	2,28	9,48	2,33	9,68	2,36	10,26	2,43	10,65	2,48
	25,0	8,46	2,32	8,85	2,37	9,21	2,42	9,44	2,45	10,02	2,53	10,41	2,58
	32,0	7,91	2,56	8,30	2,61	8,69	2,66	8,89	2,68	9,47	2,76	9,86	2,81
	35,0	7,67	2,69	8,06	2,72	8,45	2,77	8,65	2,79	9,24	2,87	9,63	2,92
	40,0	7,28	2,86	7,67	2,91	8,06	2,96	8,26	2,99	8,84	3,06	9,23	3,11
	43,0	7,04	2,98	7,43	3,03	7,82	3,08	8,02	3,11	8,60	3,18	8,99	3,23
	46,0	6,76	2,69	7,11	2,69	7,45	2,69	7,61	2,69	8,10	2,69	8,42	2,69

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+3.5+5.0	22,0	8,88	2,25	9,28	2,30	9,68	2,35	9,88	2,37	10,48	2,45	10,88	2,50
	25,0	8,64	2,34	9,04	2,39	9,44	2,44	9,64	2,47	10,23	2,54	10,63	2,59
	32,0	8,07	2,58	8,47	2,63	8,87	2,68	9,07	2,70	9,67	2,75	10,07	2,83
	35,0	7,83	2,69	8,23	2,74	8,63	2,79	8,83	2,81	9,43	2,89	9,83	2,94
	40,0	7,43	2,88	7,83	2,93	8,23	2,98	8,43	3,01	9,03	3,08	9,42	3,13
	43,0	7,19	3,00	7,59	3,05	7,99	3,11	8,18	3,13	8,78	3,21	9,18	3,25
	46,0	6,89	2,68	7,24	2,68	7,58	2,68	7,75	2,68	8,24	2,68	8,57	2,68
2.5+3.5+6.0	22,0	9,53	2,43	9,93	2,48	10,33	2,53	10,53	2,55	11,13	2,63	11,53	2,68
	25,0	9,29	2,52	9,69	2,57	10,09	2,62	10,29	2,65	10,88	2,72	11,28	2,77
	32,0	8,72	2,76	9,12	2,81	9,52	2,86	9,72	2,88	10,32	2,93	10,72	3,01
	35,0	8,48	2,87	8,88	2,92	9,28	2,97	9,48	2,99	10,08	3,07	10,48	3,12
	40,0	8,08	3,06	8,48	3,11	8,88	3,16	9,08	3,19	9,68	3,26	10,07	3,31
	43,0	7,84	3,18	8,24	3,23	8,64	3,29	8,83	3,31	9,43	3,39	9,83	3,43
	46,0	7,54	2,86	7,89	2,86	8,23	2,86	8,40	2,86	8,89	2,86	9,22	2,86
2.5+3.5+7.1	22,0	9,55	2,43	9,95	2,48	10,35	2,53	10,55	2,55	11,15	2,63	11,55	2,68
	25,0	9,31	2,52	9,71	2,57	10,11	2,62	10,31	2,65	10,90	2,72	11,30	2,77
	32,0	8,74	2,76	9,14	2,81	9,54	2,86	9,74	2,88	10,34	2,93	10,74	3,01
	35,0	8,50	2,87	8,90	2,92	9,30	2,97	9,50	2,99	10,10	3,07	10,50	3,12
	40,0	8,10	3,06	8,50	3,11	8,90	3,16	9,10	3,19	9,70	3,26	10,09	3,31
	43,0	7,86	3,18	8,26	3,23	8,66	3,29	8,85	3,31	9,45	3,39	9,85	3,43
	46,0	7,56	2,86	7,91	2,86	8,25	2,86	8,42	2,86	8,91	2,86	9,24	2,86
2.5+4.2+4.2	22,0	8,66	2,23	9,05	2,28	9,44	2,33	9,64	2,36	10,22	2,43	10,61	2,48
	25,0	8,42	2,32	8,81	2,37	9,17	2,42	9,40	2,45	9,98	2,53	10,37	2,58
	32,0	7,87	2,56	8,26	2,61	8,65	2,66	8,85	2,68	9,43	2,76	9,82	2,81
	35,0	7,63	2,69	8,02	2,72	8,41	2,77	8,61	2,79	9,20	2,87	9,59	2,92
	40,0	7,24	2,86	7,63	2,91	8,02	2,96	8,22	2,99	8,80	3,06	9,19	3,11
	43,0	7,00	2,98	7,39	3,03	7,78	3,08	7,98	3,11	8,56	3,18	8,95	3,23
	46,0	6,72	2,69	7,07	2,69	7,41	2,69	7,57	2,69	8,06	2,69	8,38	2,69
2.5+4.2+5.0	22,0	9,07	2,37	9,47	2,42	9,87	2,47	10,07	2,49	10,67	2,57	11,07	2,62
	25,0	8,83	2,46	9,23	2,51	9,63	2,56	9,83	2,59	10,42	2,66	10,82	2,71
	32,0	8,26	2,70	8,66	2,75	9,06	2,80	9,26	2,82	9,86	2,87	10,26	2,95
	35,0	8,02	2,81	8,42	2,86	8,82	2,91	9,02	2,93	9,62	3,01	10,02	3,06
	40,0	7,62	3,00	8,02	3,05	8,42	3,10	8,62	3,13	9,22	3,20	9,61	3,25
	43,0	7,38	3,12	7,78	3,17	8,18	3,23	8,37	3,25	8,97	3,33	9,37	3,37
	46,0	7,08	2,80	7,43	2,80	7,77	2,80	7,94	2,80	8,43	2,80	8,76	2,80
2.5+4.2+6.0	22,0	9,54	2,43	9,94	2,48	10,34	2,53	10,54	2,55	11,14	2,63	11,54	2,68
	25,0	9,30	2,52	9,70	2,57	10,10	2,62	10,30	2,65	10,89	2,72	11,29	2,77
	32,0	8,73	2,76	9,13	2,81	9,53	2,86	9,73	2,88	10,33	2,93	10,73	3,01
	35,0	8,49	2,87	8,89	2,92	9,29	2,97	9,49	2,99	10,09	3,07	10,49	3,12
	40,0	8,09	3,06	8,49	3,11	8,89	3,16	9,09	3,19	9,69	3,26	10,08	3,31
	43,0	7,85	3,18	8,25	3,23	8,65	3,29	8,84	3,31	9,44	3,39	9,84	3,43
	46,0	7,55	2,86	7,90	2,86	8,24	2,86	8,41	2,86	8,90	2,86	9,23	2,86

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104113

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+4.2+7.1	22,0	9,56	2,43	9,96	2,48	10,36	2,53	10,56	2,55	11,16	2,63	11,56	2,68
	25,0	9,32	2,52	9,72	2,57	10,12	2,62	10,32	2,65	10,91	2,72	11,31	2,77
	32,0	8,75	2,76	9,15	2,81	9,55	2,86	9,75	2,88	10,35	2,93	10,75	3,01
	35,0	8,51	2,87	8,91	2,92	9,31	2,97	9,51	2,99	10,11	3,07	10,51	3,12
	40,0	8,11	3,06	8,51	3,11	8,91	3,16	9,11	3,19	9,71	3,26	10,10	3,31
	43,0	7,87	3,18	8,27	3,23	8,67	3,29	8,86	3,31	9,46	3,39	9,86	3,43
	46,0	7,57	2,86	7,92	2,86	8,26	2,86	8,43	2,86	8,92	2,86	9,25	2,86
2.5+5.0+5.0	22,0	9,25	2,41	9,67	2,46	10,08	2,51	10,29	2,54	10,92	2,62	11,33	2,67
	25,0	9,00	2,51	9,42	2,56	9,83	2,61	10,04	2,64	10,66	2,72	11,08	2,77
	32,0	8,41	2,76	8,83	2,81	9,24	2,86	9,45	2,89	10,08	2,97	10,49	3,02
	35,0	8,16	2,87	8,58	2,92	8,99	2,98	9,20	3,00	9,82	3,08	10,24	3,14
	40,0	7,74	3,07	8,16	3,13	8,57	3,18	8,78	3,21	9,40	3,29	9,82	3,34
	43,0	7,49	3,20	7,90	3,26	8,32	3,28	8,52	3,28	9,12	3,28	9,50	3,28
	46,0	7,17	2,71	7,52	2,71	7,86	2,71	8,03	2,71	8,53	2,71	8,86	2,71
2.5+5.0+6.0	22,0	9,71	2,43	10,13	2,48	10,54	2,53	10,75	2,56	11,38	2,64	11,79	2,69
	25,0	9,46	2,53	9,88	2,58	10,29	2,63	10,50	2,66	11,12	2,74	11,54	2,79
	32,0	8,87	2,78	9,29	2,83	9,70	2,88	9,91	2,91	10,54	2,99	10,95	3,04
	35,0	8,62	2,89	9,04	2,94	9,45	3,00	9,66	3,02	10,28	3,10	10,70	3,16
	40,0	8,20	3,09	8,62	3,15	9,03	3,20	9,24	3,23	9,86	3,31	10,28	3,36
	43,0	7,95	3,22	8,36	3,28	8,78	3,30	8,98	3,30	9,58	3,30	9,96	3,30
	46,0	7,63	2,73	7,98	2,73	8,32	2,73	8,49	2,73	8,99	2,73	9,32	2,73
2.5+5.0+7.1	22,0	9,73	2,43	10,15	2,48	10,56	2,53	10,77	2,56	11,40	2,64	11,81	2,69
	25,0	9,48	2,53	9,90	2,58	10,31	2,63	10,52	2,66	11,14	2,74	11,56	2,79
	32,0	8,89	2,78	9,31	2,83	9,72	2,88	9,93	2,91	10,56	2,99	10,97	3,04
	35,0	8,64	2,89	9,06	2,94	9,47	3,00	9,68	3,02	10,30	3,10	10,72	3,16
	40,0	8,22	3,09	8,64	3,15	9,05	3,20	9,26	3,23	9,88	3,31	10,30	3,36
	43,0	7,97	3,22	8,38	3,28	8,80	3,30	9,00	3,30	9,60	3,30	9,98	3,30
	46,0	7,65	2,73	8,00	2,73	8,34	2,73	8,51	2,73	9,01	2,73	9,34	2,73
2.5+6.0+6.0	22,0	10,18	2,49	10,60	2,54	11,01	2,59	11,22	2,62	11,85	2,70	12,26	2,75
	25,0	9,93	2,59	10,35	2,64	10,76	2,69	10,97	2,72	11,59	2,80	12,01	2,85
	32,0	9,34	2,84	9,76	2,89	10,17	2,94	10,38	2,97	11,01	3,05	11,42	3,10
	35,0	9,09	2,95	9,51	3,00	9,92	3,06	10,13	3,08	10,75	3,16	11,17	3,22
	40,0	8,67	3,15	9,09	3,21	9,50	3,26	9,71	3,29	10,33	3,37	10,75	3,42
	43,0	8,42	3,28	8,83	3,34	9,25	3,36	9,45	3,36	10,05	3,36	10,43	3,36
	46,0	8,10	2,79	8,45	2,79	8,79	2,79	8,96	2,79	9,46	2,79	9,79	2,79
2.5+6.0+7.1	22,0	10,66	2,97	11,08	3,02	11,49	3,07	11,70	3,10	12,33	3,18	12,74	3,23
	25,0	10,41	3,07	10,83	3,12	11,24	3,17	11,45	3,20	12,07	3,28	12,49	3,33
	32,0	9,82	3,32	10,24	3,37	10,65	3,42	10,86	3,45	11,49	3,53	11,90	3,58
	35,0	9,57	3,43	9,99	3,48	10,40	3,54	10,61	3,56	11,23	3,64	11,65	3,70
	40,0	9,15	3,63	9,57	3,69	9,98	3,74	10,19	3,77	10,81	3,85	11,23	3,90
	43,0	8,90	3,76	9,31	3,82	9,73	3,84	9,93	3,84	10,53	3,84	10,91	3,84
	46,0	8,58	3,27	8,93	3,27	9,27	3,27	9,44	3,27	9,94	3,27	10,27	3,27

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+3.5+3.5	22,0	8,82	2,32	9,22	2,37	9,61	2,42	9,81	2,45	10,41	2,53	10,80	2,58
	25,0	8,58	2,42	8,98	2,47	9,37	2,52	9,57	2,55	10,17	2,62	10,56	2,68
	32,0	8,02	2,66	8,42	2,71	8,81	2,76	9,01	2,79	9,60	2,87	10,00	2,92
	35,0	7,78	2,77	8,18	2,83	8,57	2,88	8,77	2,90	9,36	2,98	9,70	3,03
	40,0	7,38	2,97	7,78	3,03	8,17	3,08	8,37	3,10	8,96	3,18	9,36	3,23
	43,0	7,14	3,10	7,53	3,15	7,93	3,20	8,13	3,23	8,41	3,24	8,49	3,24
	46,0	6,87	2,67	7,21	2,67	7,55	2,67	7,71	2,67	8,20	2,67	8,47	2,67
3.5+3.5+4.2	22,0	8,88	2,32	9,28	2,37	9,67	2,42	9,87	2,45	10,47	2,53	10,86	2,58
	25,0	8,64	2,42	9,04	2,47	9,43	2,52	9,63	2,55	10,23	2,62	10,62	2,68
	32,0	8,08	2,66	8,48	2,71	8,87	2,76	9,07	2,79	9,66	2,87	10,06	2,92
	35,0	7,84	2,77	8,24	2,83	8,63	2,88	8,83	2,90	9,42	2,98	9,76	3,03
	40,0	7,44	2,97	7,84	3,03	8,23	3,08	8,43	3,10	9,02	3,18	9,42	3,23
	43,0	7,20	3,10	7,59	3,15	7,99	3,20	8,19	3,23	8,47	3,24	8,55	3,24
	46,0	6,93	2,67	7,27	2,67	7,61	2,67	7,77	2,67	8,26	2,67	8,53	2,67
3.5+3.5+5.0	22,0	9,07	2,36	9,48	2,41	9,89	2,46	10,09	2,49	10,70	2,57	11,11	2,62
	25,0	8,83	2,46	9,23	2,51	9,64	2,56	9,84	2,59	10,45	2,67	10,86	2,72
	32,0	8,25	2,71	8,66	2,76	9,06	2,81	9,27	2,84	9,88	2,92	10,29	2,97
	35,0	8,00	2,82	8,41	2,87	8,82	2,93	9,02	2,95	9,63	3,03	10,04	3,09
	40,0	7,59	3,02	8,00	3,08	8,40	3,13	8,61	3,16	9,22	3,24	9,63	3,29
	43,0	7,34	3,15	7,75	3,21	8,16	3,23	8,36	3,23	8,94	3,23	9,33	3,23
	46,0	7,05	2,66	7,40	2,66	7,74	2,66	7,90	2,66	8,40	2,66	8,72	2,66
3.5+3.5+6.0	22,0	9,54	2,40	9,95	2,45	10,36	2,50	10,56	2,53	11,17	2,61	11,58	2,66
	25,0	9,30	2,50	9,70	2,55	10,11	2,60	10,31	2,63	10,92	2,71	11,33	2,76
	32,0	8,72	2,75	9,13	2,80	9,53	2,85	9,74	2,88	10,35	2,96	10,76	3,01
	35,0	8,47	2,86	8,88	2,91	9,29	2,97	9,49	2,99	10,10	3,07	10,51	3,13
	40,0	8,06	3,06	8,47	3,12	8,87	3,17	9,08	3,20	9,69	3,28	10,10	3,33
	43,0	7,81	3,19	8,22	3,25	8,63	3,27	8,83	3,27	9,41	3,27	9,80	3,27
	46,0	7,52	2,70	7,87	2,70	8,21	2,70	8,37	2,70	8,87	2,70	9,19	2,70
3.5+3.5+7.1	22,0	9,56	2,40	9,97	2,45	10,38	2,50	10,58	2,53	11,19	2,61	11,60	2,66
	25,0	9,32	2,50	9,72	2,55	10,13	2,60	10,33	2,63	10,94	2,71	11,35	2,76
	32,0	8,74	2,75	9,15	2,80	9,55	2,85	9,76	2,88	10,37	2,96	10,78	3,01
	35,0	8,49	2,86	8,90	2,91	9,31	2,97	9,51	2,99	10,12	3,07	10,53	3,13
	40,0	8,08	3,06	8,49	3,12	8,89	3,17	9,10	3,20	9,71	3,28	10,12	3,33
	43,0	7,83	3,19	8,24	3,25	8,65	3,27	8,85	3,27	9,43	3,27	9,82	3,27
	46,0	7,54	2,70	7,89	2,70	8,23	2,70	8,39	2,70	8,89	2,70	9,21	2,70
3.5+4.2+4.2	22,0	9,02	2,32	9,42	2,37	9,81	2,42	10,01	2,45	10,61	2,53	11,00	2,58
	25,0	8,78	2,42	9,18	2,47	9,57	2,52	9,77	2,55	10,37	2,62	10,76	2,68
	32,0	8,22	2,66	8,62	2,71	9,01	2,76	9,21	2,79	9,80	2,87	10,20	2,92
	35,0	7,98	2,77	8,38	2,83	8,77	2,88	8,97	2,90	9,56	2,98	9,90	3,03
	40,0	7,58	2,97	7,98	3,03	8,37	3,08	8,57	3,10	9,16	3,18	9,56	3,23
	43,0	7,34	3,10	7,73	3,15	8,13	3,20	8,33	3,23	8,61	3,24	8,69	3,24
	46,0	7,07	2,67	7,41	2,67	7,75	2,67	7,91	2,67	8,40	2,67	8,67	2,67

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104114

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+4.2+5.0	22,0	9,23	2,34	9,64	2,39	10,05	2,44	10,25	2,47	10,86	2,55	11,27	2,60
	25,0	8,99	2,44	9,39	2,49	9,80	2,54	10,00	2,57	10,61	2,65	11,02	2,70
	32,0	8,41	2,69	8,82	2,74	9,22	2,79	9,43	2,82	10,04	2,90	10,45	2,95
	35,0	8,16	2,80	8,57	2,85	8,98	2,91	9,18	2,93	9,79	3,01	10,20	3,07
	40,0	7,75	3,00	8,16	3,06	8,56	3,11	8,77	3,14	9,38	3,22	9,79	3,27
	43,0	7,50	3,13	7,91	3,19	8,32	3,21	8,52	3,21	9,10	3,21	9,49	3,21
	46,0	7,21	2,64	7,56	2,64	7,90	2,64	8,06	2,64	8,56	2,64	8,88	2,64
3.5+4.2+6.0	22,0	9,55	2,40	9,96	2,45	10,37	2,50	10,57	2,53	11,18	2,61	11,59	2,66
	25,0	9,31	2,50	9,71	2,55	10,12	2,60	10,32	2,63	10,93	2,71	11,34	2,76
	32,0	8,73	2,75	9,14	2,80	9,54	2,85	9,75	2,88	10,36	2,96	10,77	3,01
	35,0	8,48	2,86	8,89	2,91	9,30	2,97	9,50	2,99	10,11	3,07	10,52	3,13
	40,0	8,07	3,06	8,48	3,12	8,88	3,17	9,09	3,20	9,70	3,28	10,11	3,33
	43,0	7,82	3,19	8,23	3,25	8,64	3,27	8,84	3,27	9,42	3,27	9,81	3,27
	46,0	7,53	2,70	7,88	2,70	8,22	2,70	8,38	2,70	8,88	2,70	9,20	2,70
3.5+4.2+7.1	22,0	10,06	2,93	10,47	2,98	10,88	3,03	11,08	3,06	11,69	3,14	12,10	3,19
	25,0	9,82	3,03	10,22	3,08	10,63	3,13	10,83	3,16	11,44	3,24	11,85	3,29
	32,0	9,24	3,28	9,65	3,33	10,05	3,38	10,26	3,41	10,87	3,49	11,28	3,54
	35,0	8,99	3,39	9,40	3,44	9,81	3,50	10,01	3,52	10,62	3,60	11,03	3,66
	40,0	8,58	3,59	8,99	3,65	9,39	3,70	9,60	3,73	10,21	3,81	10,62	3,86
	43,0	8,33	3,72	8,74	3,78	9,15	3,80	9,35	3,80	9,93	3,80	10,32	3,80
	46,0	8,04	3,23	8,39	3,23	8,73	3,23	8,89	3,23	9,39	3,23	9,71	3,23
3.5+5.0+5.0	22,0	9,25	2,38	9,67	2,44	10,08	2,49	10,29	2,52	10,92	2,60	11,33	2,65
	25,0	9,00	2,48	9,42	2,54	9,83	2,59	10,04	2,62	10,66	2,70	11,08	2,75
	32,0	8,41	2,73	8,83	2,79	9,24	2,84	9,45	2,87	10,08	2,95	10,49	3,00
	35,0	8,16	2,85	8,58	2,90	8,99	2,96	9,20	2,98	9,82	3,06	10,24	3,12
	40,0	7,74	3,06	8,16	3,11	8,57	3,16	8,78	3,19	9,40	3,27	9,82	3,32
	43,0	7,49	3,19	7,90	3,23	8,32	3,23	8,52	3,23	9,11	3,23	9,50	3,23
	46,0	7,17	2,66	7,53	2,66	7,87	2,66	8,04	2,66	8,54	2,66	8,86	2,66
3.5+5.0+6.0	22,0	9,72	2,42	10,14	2,48	10,55	2,53	10,76	2,56	11,39	2,64	11,80	2,69
	25,0	9,47	2,52	9,89	2,58	10,30	2,63	10,51	2,66	11,13	2,74	11,55	2,79
	32,0	8,88	2,77	9,30	2,83	9,71	2,88	9,92	2,91	10,55	2,99	10,96	3,04
	35,0	8,63	2,89	9,05	2,94	9,46	3,00	9,67	3,02	10,29	3,10	10,71	3,16
	40,0	8,21	3,10	8,63	3,15	9,04	3,20	9,25	3,23	9,87	3,31	10,29	3,36
	43,0	7,96	3,23	8,37	3,27	8,79	3,27	8,99	3,27	9,58	3,27	9,97	3,27
	46,0	7,64	2,70	8,00	2,70	8,34	2,70	8,51	2,70	9,01	2,70	9,33	2,70
3.5+5.0+7.1	22,0	10,19	2,88	10,61	2,94	11,02	2,99	11,23	3,02	11,86	3,10	12,27	3,15
	25,0	9,94	2,98	10,36	3,04	10,77	3,09	10,98	3,12	11,60	3,20	12,02	3,25
	32,0	9,35	3,23	9,77	3,29	10,18	3,34	10,39	3,37	11,02	3,45	11,43	3,50
	35,0	9,10	3,35	9,52	3,40	9,93	3,46	10,14	3,48	10,76	3,56	11,18	3,62
	40,0	8,68	3,56	9,10	3,61	9,51	3,66	9,72	3,69	10,34	3,77	10,76	3,82
	43,0	8,43	3,69	8,84	3,73	9,26	3,73	9,46	3,73	10,05	3,73	10,44	3,73
	46,0	8,11	3,16	8,47	3,16	8,81	3,16	8,98	3,16	9,48	3,16	9,80	3,16

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+6.0+6.0	22,0	10,64	2,96	11,06	3,02	11,47	3,07	11,68	3,10	12,31	3,18	12,72	3,23
	25,0	10,39	3,06	10,81	3,12	11,22	3,17	11,43	3,20	12,05	3,28	12,47	3,33
	32,0	9,80	3,31	10,22	3,37	10,63	3,42	10,84	3,45	11,47	3,53	11,88	3,58
	35,0	9,55	3,43	9,97	3,48	10,38	3,54	10,59	3,56	11,21	3,64	11,63	3,70
	40,0	9,13	3,64	9,55	3,69	9,96	3,74	10,17	3,77	10,79	3,85	11,21	3,90
	43,0	8,88	3,77	9,29	3,81	9,71	3,81	9,91	3,81	10,50	3,81	10,89	3,81
	46,0	8,56	3,24	8,92	3,24	9,26	3,24	9,43	3,24	9,93	3,24	10,25	3,24
4.2+4.2+4.2	22,0	9,23	2,33	9,63	2,38	10,02	2,43	10,22	2,46	10,82	2,54	11,21	2,59
	25,0	8,99	2,43	9,39	2,48	9,78	2,53	9,98	2,56	10,58	2,63	10,97	2,69
	32,0	8,43	2,67	8,83	2,72	9,22	2,77	9,42	2,80	10,01	2,88	10,41	2,93
	35,0	8,19	2,78	8,59	2,84	8,98	2,89	9,18	2,91	9,77	2,99	10,11	3,04
	40,0	7,79	2,98	8,19	3,04	8,58	3,09	8,78	3,11	9,37	3,19	9,77	3,24
	43,0	7,55	3,11	7,94	3,16	8,34	3,21	8,54	3,24	8,82	3,25	8,90	3,25
	46,0	7,28	2,68	7,62	2,68	7,96	2,68	8,12	2,68	8,61	2,68	8,88	2,68
4.2+4.2+5.0	22,0	9,31	2,34	9,72	2,39	10,13	2,44	10,33	2,47	10,94	2,55	11,35	2,60
	25,0	9,07	2,44	9,47	2,49	9,88	2,54	10,08	2,57	10,69	2,65	11,10	2,70
	32,0	8,49	2,69	8,90	2,74	9,30	2,79	9,51	2,82	10,12	2,90	10,53	2,95
	35,0	8,24	2,80	8,65	2,85	9,06	2,91	9,26	2,93	9,87	3,01	10,28	3,07
	40,0	7,83	3,00	8,24	3,06	8,64	3,11	8,85	3,14	9,46	3,22	9,87	3,27
	43,0	7,58	3,13	7,99	3,19	8,40	3,21	8,60	3,21	9,18	3,21	9,57	3,21
	46,0	7,29	2,64	7,64	2,64	7,98	2,64	8,14	2,64	8,64	2,64	8,96	2,64
4.2+4.2+6.0	22,0	9,56	2,40	9,97	2,45	10,38	2,50	10,58	2,53	11,19	2,61	11,60	2,66
	25,0	9,32	2,50	9,72	2,55	10,13	2,60	10,33	2,63	10,94	2,71	11,35	2,76
	32,0	8,74	2,75	9,15	2,80	9,55	2,85	9,76	2,88	10,37	2,96	10,78	3,01
	35,0	8,49	2,86	8,90	2,91	9,31	2,97	9,51	2,99	10,12	3,07	10,53	3,13
	40,0	8,08	3,06	8,49	3,12	8,89	3,17	9,10	3,20	9,71	3,28	10,12	3,33
	43,0	7,83	3,19	8,24	3,25	8,65	3,27	8,85	3,27	9,43	3,27	9,82	3,27
	46,0	7,54	2,70	7,89	2,70	8,23	2,70	8,39	2,70	8,89	2,70	9,21	2,70
4.2+4.2+7.1	22,0	10,07	2,93	10,48	2,98	10,89	3,03	11,09	3,06	11,70	3,14	12,11	3,19
	25,0	9,83	3,03	10,23	3,08	10,64	3,13	10,84	3,16	11,45	3,24	11,86	3,29
	32,0	9,25	3,28	9,66	3,33	10,06	3,38	10,27	3,41	10,88	3,49	11,29	3,54
	35,0	9,00	3,39	9,41	3,44	9,82	3,50	10,02	3,52	10,63	3,60	11,04	3,66
	40,0	8,59	3,59	9,00	3,65	9,40	3,70	9,61	3,73	10,22	3,81	10,63	3,86
	43,0	8,34	3,72	8,75	3,78	9,16	3,80	9,36	3,80	9,94	3,80	10,33	3,80
	46,0	8,05	3,23	8,40	3,23	8,74	3,23	8,90	3,23	9,40	3,23	9,72	3,23
4.2+5.0+5.0	22,0	9,26	2,35	9,68	2,41	10,09	2,46	10,30	2,49	10,93	2,57	11,34	2,62
	25,0	9,01	2,45	9,43	2,51	9,84	2,56	10,05	2,59	10,67	2,67	11,09	2,72
	32,0	8,42	2,70	8,84	2,76	9,25	2,81	9,46	2,84	10,09	2,92	10,50	2,97
	35,0	8,17	2,82	8,59	2,87	9,00	2,93	9,21	2,95	9,83	3,03	10,25	3,09
	40,0	7,75	3,03	8,17	3,08	8,58	3,13	8,79	3,16	9,41	3,24	9,83	3,29
	43,0	7,50	3,16	7,91	3,20	8,33	3,20	8,53	3,20	9,12	3,20	9,51	3,20
	46,0	7,18	2,63	7,54	2,63	7,88	2,63	8,05	2,63	8,55	2,63	8,87	2,63

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104115

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
4.2+5.0+6.0	22,0	10,23	2,94	10,65	3,00	11,06	3,05	11,27	3,08	11,90	3,16	12,31	3,21
	25,0	9,98	3,04	10,40	3,10	10,81	3,15	11,02	3,18	11,64	3,26	12,06	3,31
	32,0	9,39	3,29	9,81	3,35	10,22	3,40	10,43	3,43	11,06	3,51	11,47	3,56
	35,0	9,14	3,41	9,56	3,46	9,97	3,52	10,18	3,54	10,80	3,62	11,22	3,68
	40,0	8,72	3,62	9,14	3,67	9,55	3,72	9,76	3,75	10,38	3,83	10,80	3,88
	43,0	8,47	3,75	8,88	3,79	9,30	3,79	9,50	3,79	10,09	3,79	10,48	3,79
	46,0	8,15	3,22	8,51	3,22	8,85	3,22	9,02	3,22	9,52	3,22	9,84	3,22
5.0+5.0+5.0	22,0	10,04	2,94	10,49	3,01	10,67	3,08	11,16	3,11	11,84	3,21	12,29	3,27
	25,0	9,76	3,06	10,21	3,13	10,67	3,20	10,89	3,23	11,57	3,33	12,02	3,39
	32,0	9,18	3,37	9,58	3,44	10,03	3,50	10,25	3,58	10,93	3,63	11,38	3,70
	35,0	8,85	3,51	9,30	3,58	9,75	3,62	9,98	3,62	10,64	3,62	11,07	3,62
	40,0	8,40	3,35	8,85	3,35	9,30	3,35	9,52	3,35	10,19	3,35	10,59	3,35
	43,0	8,12	3,20	8,58	3,20	9,03	3,20	9,25	3,20	9,93	3,20	10,34	3,20
	46,0	7,85	2,63	8,30	2,63	8,69	2,63	8,86	2,63	9,35	2,63	9,67	2,63
1.5+1.5+1.5+1.5	22,0	6,78	1,03	7,14	1,06	7,51	1,10	7,69	1,12	8,24	1,18	8,61	1,21
	25,0	6,55	1,10	6,92	1,13	7,29	1,17	7,47	1,19	8,02	1,24	8,39	1,28
	32,0	6,04	1,27	6,40	1,31	6,77	1,34	6,95	1,36	7,50	1,42	7,87	1,45
	35,0	5,81	1,35	6,18	1,39	6,55	1,42	6,73	1,44	7,28	1,50	7,65	1,54
	40,0	5,44	1,49	5,81	1,53	6,18	1,57	6,36	1,58	6,91	1,64	7,28	1,68
	43,0	5,22	1,58	5,59	1,62	5,95	1,66	6,14	1,68	6,69	1,73	7,05	1,77
	46,0	5,00	1,68	5,36	1,71	5,73	1,75	5,91	1,77	6,46	1,82	6,83	1,86
1.5+1.5+1.5+2.0	22,0	7,16	1,21	7,52	1,24	7,89	1,28	8,07	1,30	8,62	1,36	8,99	1,39
	25,0	6,93	1,28	7,30	1,31	7,67	1,35	7,85	1,37	8,40	1,42	8,77	1,46
	32,0	6,42	1,45	6,78	1,49	7,15	1,52	7,33	1,54	7,88	1,60	8,25	1,63
	35,0	6,19	1,53	6,56	1,57	6,93	1,60	7,11	1,62	7,66	1,68	8,03	1,72
	40,0	5,82	1,67	6,19	1,71	6,56	1,75	6,74	1,76	7,29	1,82	7,66	1,86
	43,0	5,60	1,76	5,97	1,80	6,33	1,84	6,52	1,86	7,07	1,91	7,43	1,95
	46,0	5,38	1,86	5,74	1,89	6,11	1,93	6,29	1,95	6,84	2,00	7,21	2,04
1.5+1.5+1.5+2.5	22,0	7,51	1,35	7,87	1,38	8,24	1,42	8,42	1,44	8,97	1,50	9,34	1,53
	25,0	7,28	1,42	7,65	1,45	8,02	1,49	8,20	1,51	8,75	1,56	9,12	1,60
	32,0	6,77	1,59	7,13	1,63	7,50	1,66	7,68	1,68	8,23	1,74	8,60	1,77
	35,0	6,54	1,67	6,91	1,71	7,28	1,74	7,46	1,76	8,01	1,82	8,38	1,86
	40,0	6,17	1,81	6,54	1,85	6,91	1,89	7,09	1,90	7,64	1,96	8,01	2,00
	43,0	5,95	1,90	6,32	1,94	6,68	1,98	6,87	2,00	7,42	2,05	7,78	2,09
	46,0	5,73	2,00	6,09	2,03	6,46	2,07	6,64	2,09	7,19	2,14	7,56	2,18
1.5+1.5+1.5+3.5	22,0	8,17	1,56	8,58	1,60	8,98	1,65	9,18	1,67	9,79	1,74	10,19	1,78
	25,0	7,93	1,64	8,33	1,69	8,74	1,73	8,94	1,75	9,54	1,82	9,95	1,87
	32,0	7,35	1,85	7,76	1,90	8,16	1,94	8,37	1,96	8,97	2,03	9,38	2,08
	35,0	7,11	1,95	7,51	2,00	7,92	2,04	8,12	2,06	8,73	2,13	9,13	2,18
	40,0	6,70	2,12	7,10	2,17	7,51	2,21	7,71	2,24	8,32	2,30	8,72	2,35
	43,0	6,45	2,23	6,86	2,28	7,26	2,32	7,47	2,35	8,07	2,41	8,48	2,46
	46,0	6,18	2,27	6,55	2,27	6,92	2,27	7,10	2,27	7,63	2,27	7,98	2,27

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+4.2	22,0	8,58	1,89	8,99	1,93	9,39	1,98	9,59	2,00	10,20	2,07	10,60	2,11
	25,0	8,34	1,97	8,74	2,02	9,15	2,06	9,35	2,08	9,95	2,15	10,36	2,20
	32,0	7,76	2,18	8,17	2,23	8,57	2,27	8,78	2,29	9,38	2,36	9,79	2,41
	35,0	7,52	2,28	7,92	2,33	8,33	2,37	8,53	2,39	9,14	2,46	9,54	2,51
	40,0	7,11	2,45	7,51	2,50	7,92	2,54	8,12	2,57	8,73	2,63	9,13	2,68
	43,0	6,86	2,56	7,27	2,61	7,67	2,65	7,88	2,68	8,48	2,74	8,89	2,79
	46,0	6,59	2,60	6,96	2,60	7,33	2,60	7,51	2,60	8,04	2,60	8,39	2,60
1.5+1.5+1.5+5.0	22,0	9,01	2,00	9,44	2,05	9,87	2,10	10,09	2,13	10,73	2,21	11,16	2,26
	25,0	8,75	2,10	9,18	2,15	9,61	2,20	9,83	2,23	10,47	2,30	10,90	2,36
	32,0	8,15	2,34	8,58	2,39	9,01	2,44	9,22	2,47	9,86	2,55	10,29	2,60
	35,0	7,89	2,45	8,32	2,51	8,75	2,56	8,96	2,58	9,60	2,66	10,03	2,71
	40,0	7,46	2,65	7,88	2,71	8,31	2,76	8,53	2,78	9,17	2,86	9,60	2,91
	43,0	7,20	2,78	7,62	2,83	8,05	2,88	8,27	2,91	8,89	2,93	9,29	2,93
	46,0	6,82	2,36	7,18	2,36	7,54	2,36	7,71	2,36	8,23	2,36	8,56	2,36
1.5+1.5+1.5+6.0	22,0	9,49	2,05	9,92	2,10	10,35	2,15	10,57	2,18	11,21	2,26	11,64	2,31
	25,0	9,23	2,15	9,66	2,20	10,09	2,25	10,31	2,28	10,95	2,35	11,38	2,41
	32,0	8,63	2,39	9,06	2,44	9,49	2,49	9,70	2,52	10,34	2,60	10,77	2,65
	35,0	8,37	2,50	8,80	2,56	9,23	2,61	9,44	2,63	10,08	2,71	10,51	2,76
	40,0	7,94	2,70	8,36	2,76	8,79	2,81	9,01	2,83	9,65	2,91	10,08	2,96
	43,0	7,68	2,83	8,10	2,88	8,53	2,93	8,75	2,96	9,37	2,98	9,77	2,98
	46,0	7,30	2,41	7,66	2,41	8,02	2,41	8,19	2,41	8,71	2,41	9,04	2,41
1.5+1.5+1.5+7.1	22,0	9,91	2,30	10,34	2,35	10,77	2,40	10,99	2,43	11,63	2,51	12,06	2,56
	25,0	9,65	2,40	10,08	2,45	10,51	2,50	10,73	2,53	11,37	2,60	11,80	2,66
	32,0	9,05	2,64	9,48	2,69	9,91	2,74	10,12	2,77	10,76	2,85	11,19	2,90
	35,0	8,79	2,75	9,22	2,81	9,65	2,86	9,86	2,88	10,50	2,96	10,93	3,01
	40,0	8,36	2,95	8,78	3,01	9,21	3,06	9,43	3,08	10,07	3,16	10,50	3,21
	43,0	8,10	3,08	8,52	3,13	8,95	3,18	9,17	3,21	9,79	3,23	10,19	3,23
	46,0	7,72	2,66	8,08	2,66	8,44	2,66	8,61	2,66	9,13	2,66	9,46	2,66
1.5+1.5+2.0+2.0	22,0	7,51	1,35	7,87	1,38	8,24	1,42	8,42	1,44	8,97	1,50	9,34	1,53
	25,0	7,28	1,42	7,65	1,45	8,02	1,49	8,20	1,51	8,75	1,56	9,12	1,60
	32,0	6,77	1,59	7,13	1,63	7,50	1,66	7,68	1,68	8,23	1,74	8,60	1,77
	35,0	6,54	1,67	6,91	1,71	7,28	1,74	7,46	1,76	8,01	1,82	8,38	1,86
	40,0	6,17	1,81	6,54	1,85	6,91	1,89	7,09	1,90	7,64	1,96	8,01	2,00
	43,0	5,95	1,90	6,32	1,94	6,68	1,98	6,87	2,00	7,42	2,05	7,78	2,09
	46,0	5,73	2,00	6,09	2,03	6,46	2,07	6,64	2,09	7,19	2,14	7,56	2,18
1.5+1.5+2.0+2.5	22,0	7,84	1,50	8,20	1,53	8,57	1,57	8,75	1,59	9,30	1,65	9,67	1,68
	25,0	7,61	1,57	7,98	1,60	8,35	1,64	8,53	1,66	9,08	1,71	9,45	1,75
	32,0	7,10	1,74	7,46	1,78	7,83	1,81	8,01	1,83	8,56	1,89	8,93	1,92
	35,0	6,87	1,82	7,24	1,86	7,61	1,89	7,79	1,91	8,34	1,97	8,71	2,01
	40,0	6,50	1,96	6,87	2,00	7,24	2,04	7,42	2,05	7,97	2,11	8,34	2,15
	43,0	6,28	2,05	6,65	2,09	7,01	2,13	7,20	2,15	7,75	2,20	8,11	2,24
	46,0	6,06	2,15	6,42	2,18	6,79	2,22	6,97	2,24	7,52	2,29	7,89	2,33

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104116

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.0+3.5	22,0	8,47	1,73	8,88	1,77	9,28	1,82	9,48	1,84	10,09	1,91	10,49	1,95
	25,0	8,23	1,81	8,63	1,86	9,04	1,90	9,24	1,92	9,84	1,99	10,25	2,04
	32,0	7,65	2,02	8,06	2,07	8,46	2,11	8,67	2,13	9,27	2,20	9,68	2,25
	35,0	7,41	2,12	7,81	2,17	8,22	2,21	8,42	2,23	9,03	2,30	9,43	2,35
	40,0	7,00	2,29	7,40	2,34	7,81	2,38	8,01	2,41	8,62	2,47	9,02	2,52
	43,0	6,75	2,40	7,16	2,45	7,56	2,49	7,77	2,52	8,37	2,58	8,78	2,63
	46,0	6,48	2,44	6,85	2,44	7,22	2,44	7,40	2,44	7,93	2,44	8,28	2,44
1.5+1.5+2.0+4.2	22,0	8,85	2,06	9,26	2,10	9,66	2,15	9,86	2,17	10,47	2,24	10,87	2,28
	25,0	8,61	2,14	9,01	2,19	9,42	2,23	9,62	2,25	10,22	2,32	10,63	2,37
	32,0	8,03	2,35	8,44	2,40	8,84	2,44	9,05	2,46	9,65	2,53	10,06	2,58
	35,0	7,79	2,45	8,19	2,50	8,60	2,54	8,80	2,56	9,41	2,63	9,81	2,68
	40,0	7,38	2,62	7,78	2,67	8,19	2,71	8,39	2,74	9,00	2,80	9,40	2,85
	43,0	7,13	2,73	7,54	2,78	7,94	2,82	8,15	2,85	8,75	2,91	9,16	2,96
	46,0	6,86	2,77	7,23	2,77	7,60	2,77	7,78	2,77	8,31	2,77	8,66	2,77
1.5+1.5+2.0+5.0	22,0	9,26	2,19	9,69	2,24	10,12	2,29	10,34	2,32	10,98	2,40	11,41	2,45
	25,0	9,00	2,29	9,43	2,34	9,86	2,39	10,08	2,42	10,72	2,49	11,15	2,55
	32,0	8,40	2,53	8,83	2,58	9,26	2,63	9,47	2,66	10,11	2,74	10,54	2,79
	35,0	8,14	2,64	8,57	2,70	9,00	2,75	9,21	2,77	9,85	2,85	10,28	2,90
	40,0	7,71	2,84	8,13	2,90	8,56	2,95	8,78	2,97	9,42	3,05	9,85	3,10
	43,0	7,45	2,97	7,87	3,02	8,30	3,07	8,52	3,10	9,14	3,12	9,54	3,12
	46,0	7,07	2,55	7,43	2,55	7,79	2,55	7,96	2,55	8,48	2,55	8,81	2,55
1.5+1.5+2.0+6.0	22,0	9,69	2,17	10,12	2,22	10,55	2,27	10,77	2,30	11,41	2,38	11,84	2,43
	25,0	9,43	2,27	9,86	2,32	10,29	2,37	10,51	2,40	11,15	2,47	11,58	2,53
	32,0	8,83	2,51	9,26	2,56	9,69	2,61	9,90	2,64	10,54	2,72	10,97	2,77
	35,0	8,57	2,62	9,00	2,68	9,43	2,73	9,64	2,75	10,28	2,83	10,71	2,88
	40,0	8,14	2,82	8,56	2,88	8,99	2,93	9,21	2,95	9,85	3,03	10,28	3,08
	43,0	7,88	2,95	8,30	3,00	8,73	3,05	8,95	3,08	9,57	3,10	9,97	3,10
	46,0	7,50	2,53	7,86	2,53	8,22	2,53	8,39	2,53	8,91	2,53	9,24	2,53
1.5+1.5+2.0+7.1	22,0	10,09	2,44	10,52	2,49	10,95	2,54	11,17	2,57	11,81	2,65	12,24	2,70
	25,0	9,83	2,54	10,26	2,59	10,69	2,64	10,91	2,67	11,55	2,74	11,98	2,80
	32,0	9,23	2,78	9,66	2,83	10,09	2,88	10,30	2,91	10,94	2,99	11,37	3,04
	35,0	8,97	2,89	9,40	2,95	9,83	3,00	10,04	3,02	10,68	3,10	11,11	3,15
	40,0	8,54	3,09	8,96	3,15	9,39	3,20	9,61	3,22	10,25	3,30	10,68	3,35
	43,0	8,28	3,22	8,70	3,27	9,13	3,32	9,35	3,35	9,97	3,37	10,37	3,37
	46,0	7,90	2,80	8,26	2,80	8,62	2,80	8,79	2,80	9,31	2,80	9,64	2,80
1.5+1.5+2.5+2.5	22,0	8,17	1,65	8,53	1,68	8,90	1,72	9,08	1,74	9,63	1,80	10,00	1,83
	25,0	7,94	1,72	8,31	1,75	8,68	1,79	8,86	1,81	9,41	1,86	9,78	1,90
	32,0	7,43	1,89	7,79	1,93	8,16	1,96	8,34	1,98	8,89	2,04	9,26	2,07
	35,0	7,20	1,97	7,57	2,01	7,94	2,04	8,12	2,06	8,67	2,12	9,04	2,16
	40,0	6,83	2,11	7,20	2,15	7,57	2,19	7,75	2,20	8,30	2,26	8,67	2,30
	43,0	6,61	2,20	6,98	2,24	7,34	2,28	7,53	2,30	8,08	2,35	8,44	2,39
	46,0	6,39	2,30	6,75	2,33	7,12	2,37	7,30	2,39	7,85	2,44	8,22	2,48

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.5+3.5	22,0	8,75	2,01	9,16	2,05	9,56	2,10	9,76	2,12	10,37	2,19	10,77	2,23
	25,0	8,51	2,09	8,91	2,14	9,32	2,18	9,52	2,20	10,12	2,27	10,53	2,32
	32,0	7,93	2,30	8,34	2,35	8,74	2,39	8,95	2,41	9,55	2,48	9,96	2,53
	35,0	7,69	2,40	8,09	2,45	8,50	2,49	8,70	2,51	9,31	2,58	9,71	2,63
	40,0	7,28	2,57	7,68	2,62	8,09	2,66	8,29	2,69	8,90	2,75	9,30	2,80
	43,0	7,03	2,68	7,44	2,73	7,84	2,77	8,05	2,80	8,65	2,86	9,06	2,91
	46,0	6,76	2,72	7,13	2,72	7,50	2,72	7,68	2,72	8,21	2,72	8,56	2,72
1.5+1.5+2.5+4.2	22,0	9,11	2,24	9,52	2,28	9,92	2,33	10,12	2,35	10,73	2,42	11,13	2,46
	25,0	8,87	2,32	9,27	2,37	9,68	2,41	9,88	2,43	10,48	2,50	10,89	2,55
	32,0	8,29	2,53	8,70	2,58	9,10	2,62	9,31	2,64	9,91	2,71	10,32	2,76
	35,0	8,05	2,63	8,45	2,68	8,86	2,72	9,06	2,74	9,67	2,81	10,07	2,86
	40,0	7,64	2,80	8,04	2,85	8,45	2,89	8,65	2,92	9,26	2,98	9,66	3,03
	43,0	7,39	2,91	7,80	2,96	8,20	3,00	8,41	3,03	9,01	3,09	9,42	3,14
	46,0	7,12	2,95	7,49	2,95	7,86	2,95	8,04	2,95	8,57	2,95	8,92	2,95
1.5+1.5+2.5+5.0	22,0	9,49	2,31	9,92	2,36	10,35	2,41	10,57	2,44	11,21	2,52	11,64	2,57
	25,0	9,23	2,41	9,66	2,46	10,09	2,51	10,31	2,54	10,95	2,61	11,38	2,67
	32,0	8,63	2,65	9,06	2,70	9,49	2,75	9,70	2,78	10,34	2,86	10,77	2,91
	35,0	8,37	2,76	8,80	2,82	9,23	2,87	9,44	2,89	10,08	2,97	10,51	3,02
	40,0	7,94	2,96	8,36	3,02	8,79	3,07	9,01	3,09	9,65	3,17	10,08	3,22
	43,0	7,68	3,09	8,10	3,14	8,53	3,19	8,75	3,22	9,37	3,24	9,77	3,24
	46,0	7,30	2,67	7,66	2,67	8,02	2,67	8,19	2,67	8,71	2,67	9,04	2,67
1.5+1.5+2.5+6.0	22,0	9,88	2,30	10,31	2,35	10,74	2,40	10,96	2,43	11,60	2,51	12,03	2,56
	25,0	9,62	2,40	10,05	2,45	10,48	2,50	10,70	2,53	11,34	2,60	11,77	2,66
	32,0	9,02	2,64	9,45	2,69	9,88	2,74	10,09	2,77	10,73	2,85	11,16	2,90
	35,0	8,76	2,75	9,19	2,81	9,62	2,86	9,83	2,88	10,47	2,96	10,90	3,01
	40,0	8,33	2,95	8,75	3,01	9,18	3,06	9,40	3,08	10,04	3,16	10,47	3,21
	43,0	8,07	3,08	8,49	3,13	8,92	3,18	9,14	3,21	9,76	3,23	10,16	3,23
	46,0	7,69	2,66	8,05	2,66	8,41	2,66	8,58	2,66	9,10	2,66	9,43	2,66
1.5+1.5+2.5+7.1	22,0	10,21	2,50	10,64	2,55	11,07	2,60	11,29	2,63	11,93	2,71	12,36	2,76
	25,0	9,95	2,60	10,38	2,65	10,81	2,70	11,03	2,73	11,67	2,80	12,10	2,86
	32,0	9,35	2,84	9,78	2,89	10,21	2,94	10,42	2,97	11,06	3,05	11,49	3,10
	35,0	9,09	2,95	9,52	3,01	9,95	3,06	10,16	3,08	10,80	3,16	11,23	3,21
	40,0	8,66	3,15	9,08	3,21	9,51	3,26	9,73	3,28	10,37	3,36	10,80	3,41
	43,0	8,40	3,28	8,82	3,33	9,25	3,38	9,47	3,41	10,09	3,43	10,49	3,43
	46,0	8,02	2,86	8,38	2,86	8,74	2,86	8,91	2,86	9,43	2,86	9,76	2,86
1.5+1.5+3.5+3.5	22,0	9,26	2,23	9,68	2,28	10,10	2,33	10,32	2,36	10,95	2,43	11,37	2,48
	25,0	9,01	2,32	9,43	2,37	9,85	2,42	10,06	2,45	10,69	2,53	11,11	2,58
	32,0	8,41	2,56	8,83	2,61	9,25	2,67	9,47	2,69	10,10	2,77	10,52	2,82
	35,0	8,16	2,67	8,58	2,73	9,00	2,78	9,21	2,80	9,84	2,88	10,26	2,93
	40,0	7,73	2,87	8,15	2,92	8,57	2,98	8,78	3,00	9,42	3,08	9,84	3,13
	43,0	7,48	3,00	7,90	3,05	8,32	3,10	8,53	3,13	9,15	3,18	9,55	3,18
	46,0	7,12	2,61	7,48	2,61	7,84	2,61	8,01	2,61	8,52	2,61	8,85	2,61

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104117

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+3.5+4.2	22,0	9,37	2,30	9,79	2,35	10,21	2,40	10,43	2,43	11,06	2,50	11,48	2,55
	25,0	9,12	2,39	9,54	2,44	9,96	2,49	10,17	2,52	10,80	2,60	11,22	2,65
	32,0	8,52	2,63	8,94	2,68	9,36	2,74	9,58	2,76	10,21	2,84	10,63	2,89
	35,0	8,27	2,74	8,69	2,80	9,11	2,85	9,32	2,87	9,95	2,95	10,37	3,00
	40,0	7,84	2,94	8,26	2,99	8,68	3,05	8,89	3,07	9,53	3,15	9,95	3,20
	43,0	7,59	3,07	8,01	3,12	8,43	3,17	8,64	3,20	9,26	3,25	9,66	3,25
	46,0	7,23	2,68	7,59	2,68	7,95	2,68	8,12	2,68	8,63	2,68	8,96	2,68
1.5+1.5+3.5+5.0	22,0	9,74	2,42	10,17	2,47	10,61	2,52	10,83	2,55	11,48	2,63	11,92	2,69
	25,0	9,47	2,52	9,91	2,57	10,35	2,62	10,56	2,65	11,22	2,73	11,66	2,79
	32,0	8,85	2,77	9,29	2,82	9,73	2,88	9,95	2,91	10,60	2,99	11,04	3,04
	35,0	8,59	2,89	9,02	2,94	9,46	3,00	9,68	3,02	10,34	3,10	10,77	3,16
	40,0	8,15	3,10	8,58	3,15	9,02	3,20	9,24	3,23	9,89	3,31	10,33	3,37
	43,0	7,88	3,23	8,31	3,23	8,74	3,23	8,95	3,23	9,56	3,23	9,96	3,23
	46,0	7,49	2,66	7,86	2,66	8,21	2,66	8,39	2,66	8,90	2,66	9,23	2,66
1.5+1.5+3.5+6.0	22,0	10,21	2,48	10,64	2,53	11,08	2,58	11,30	2,61	11,95	2,69	12,39	2,75
	25,0	9,94	2,58	10,38	2,63	10,82	2,68	11,03	2,71	11,69	2,79	12,13	2,85
	32,0	9,32	2,83	9,76	2,88	10,20	2,94	10,42	2,97	11,07	3,05	11,51	3,10
	35,0	9,06	2,95	9,49	3,00	9,93	3,06	10,15	3,08	10,81	3,16	11,24	3,22
	40,0	8,62	3,16	9,05	3,21	9,49	3,26	9,71	3,29	10,36	3,37	10,80	3,43
	43,0	8,35	3,29	8,78	3,29	9,21	3,29	9,42	3,29	10,03	3,29	10,43	3,29
	46,0	7,96	2,72	8,33	2,72	8,68	2,72	8,86	2,72	9,37	2,72	9,70	2,72
1.5+1.5+3.5+7.1	22,0	10,23	2,48	10,66	2,53	11,10	2,58	11,32	2,61	11,97	2,69	12,41	2,75
	25,0	9,96	2,58	10,40	2,63	10,84	2,68	11,05	2,71	11,71	2,79	12,15	2,85
	32,0	9,34	2,83	9,78	2,88	10,22	2,94	10,44	2,97	11,09	3,05	11,53	3,10
	35,0	9,08	2,95	9,51	3,00	9,95	3,06	10,17	3,08	10,83	3,16	11,26	3,22
	40,0	8,64	3,16	9,07	3,21	9,51	3,26	9,73	3,29	10,38	3,37	10,82	3,43
	43,0	8,37	3,29	8,80	3,29	9,23	3,29	9,44	3,29	10,05	3,29	10,45	3,29
	46,0	7,98	2,72	8,35	2,72	8,70	2,72	8,88	2,72	9,39	2,72	9,72	2,72
1.5+1.5+4.2+4.2	22,0	9,57	2,42	9,99	2,47	10,41	2,52	10,63	2,55	11,26	2,62	11,68	2,67
	25,0	9,32	2,51	9,74	2,56	10,16	2,61	10,37	2,64	11,00	2,72	11,42	2,77
	32,0	8,72	2,75	9,14	2,80	9,56	2,86	9,78	2,88	10,41	2,96	10,83	3,01
	35,0	8,47	2,86	8,89	2,92	9,31	2,97	9,52	2,99	10,15	3,07	10,57	3,12
	40,0	8,04	3,06	8,46	3,11	8,88	3,17	9,09	3,19	9,73	3,27	10,15	3,32
	43,0	7,79	3,19	8,21	3,24	8,63	3,29	8,84	3,32	9,46	3,37	9,86	3,37
	46,0	7,43	2,80	7,79	2,80	8,15	2,80	8,32	2,80	8,83	2,80	9,16	2,80
1.5+1.5+4.2+5.0	22,0	9,75	2,42	10,18	2,47	10,62	2,52	10,84	2,55	11,49	2,63	11,93	2,69
	25,0	9,48	2,52	9,92	2,57	10,36	2,62	10,57	2,65	11,23	2,73	11,67	2,79
	32,0	8,86	2,77	9,30	2,82	9,74	2,88	9,96	2,91	10,61	2,99	11,05	3,04
	35,0	8,60	2,89	9,03	2,94	9,47	3,00	9,69	3,02	10,35	3,10	10,78	3,16
	40,0	8,16	3,10	8,59	3,15	9,03	3,20	9,25	3,23	9,90	3,31	10,34	3,37
	43,0	7,89	3,23	8,32	3,23	8,75	3,23	8,96	3,23	9,57	3,23	9,97	3,23
	46,0	7,50	2,66	7,87	2,66	8,22	2,66	8,40	2,66	8,91	2,66	9,24	2,66

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+4.2+6.0	22,0	10,22	2,48	10,65	2,53	11,09	2,58	11,31	2,61	11,96	2,69	12,40	2,75
	25,0	9,95	2,58	10,39	2,63	10,83	2,68	11,04	2,71	11,70	2,79	12,14	2,85
	32,0	9,33	2,83	9,77	2,88	10,21	2,94	10,43	2,97	11,08	3,05	11,52	3,10
	35,0	9,07	2,95	9,50	3,00	9,94	3,06	10,16	3,08	10,82	3,16	11,25	3,22
	40,0	8,63	3,16	9,06	3,21	9,50	3,26	9,72	3,29	10,37	3,37	10,81	3,43
	43,0	8,36	3,29	8,79	3,29	9,22	3,29	9,43	3,29	10,04	3,29	10,44	3,29
	46,0	7,97	2,72	8,34	2,72	8,69	2,72	8,87	2,72	9,38	2,72	9,71	2,72
1.5+1.5+4.2+7.1	22,0	10,24	2,48	10,67	2,53	11,11	2,58	11,33	2,61	11,98	2,69	12,42	2,75
	25,0	9,97	2,58	10,41	2,63	10,85	2,68	11,06	2,71	11,72	2,79	12,16	2,85
	32,0	9,35	2,83	9,79	2,88	10,23	2,94	10,45	2,97	11,10	3,05	11,54	3,10
	35,0	9,09	2,95	9,52	3,00	9,96	3,06	10,18	3,08	10,84	3,16	11,27	3,22
	40,0	8,65	3,16	9,08	3,21	9,52	3,26	9,74	3,29	10,39	3,37	10,83	3,43
	43,0	8,38	3,29	8,81	3,29	9,24	3,29	9,45	3,29	10,06	3,29	10,46	3,29
	46,0	7,99	2,72	8,36	2,72	8,71	2,72	8,89	2,72	9,40	2,72	9,73	2,72
1.5+1.5+5.0+5.0	22,0	9,93	2,43	10,37	2,49	10,82	2,54	11,04	2,57	11,71	2,65	12,16	2,70
	25,0	9,66	2,53	10,10	2,59	10,55	2,64	10,77	2,67	11,44	2,75	11,89	2,81
	32,0	9,03	2,79	9,47	2,84	9,92	2,90	10,14	2,92	10,81	3,01	11,26	3,06
	35,0	8,76	2,91	9,20	2,96	9,65	3,02	9,87	3,04	10,54	3,13	10,98	3,18
	40,0	8,30	3,12	8,75	3,17	9,20	3,23	9,42	3,25	10,09	3,34	10,53	3,37
	43,0	8,03	3,22	8,47	3,22	8,90	3,22	9,01	3,22	9,73	3,22	10,13	3,22
	46,0	7,62	2,65	7,99	2,65	8,35	2,65	8,52	2,65	9,04	2,65	9,38	2,65
1.5+1.5+5.0+6.0	22,0	10,40	2,50	10,84	2,56	11,29	2,61	11,51	2,64	12,18	2,72	12,63	2,77
	25,0	10,13	2,60	10,57	2,66	11,02	2,71	11,24	2,74	11,91	2,82	12,36	2,88
	32,0	9,50	2,86	9,94	2,91	10,39	2,97	10,61	2,99	11,28	3,08	11,73	3,13
	35,0	9,23	2,98	9,67	3,03	10,12	3,09	10,34	3,11	11,01	3,20	11,45	3,25
	40,0	8,77	3,19	9,22	3,24	9,67	3,30	9,89	3,32	10,56	3,41	11,00	3,44
	43,0	8,50	3,29	8,94	3,29	9,37	3,29	9,48	3,29	10,20	3,29	10,60	3,29
	46,0	8,09	2,72	8,46	2,72	8,82	2,72	8,99	2,72	9,51	2,72	9,85	2,72
1.5+1.5+5.0+7.1	22,0	10,73	2,84	11,17	2,90	11,62	2,95	11,84	2,98	12,51	3,06	12,96	3,11
	25,0	10,46	2,94	10,90	3,00	11,35	3,05	11,57	3,08	12,24	3,16	12,69	3,22
	32,0	9,83	3,20	10,27	3,25	10,72	3,31	10,94	3,33	11,61	3,42	12,06	3,47
	35,0	9,56	3,32	10,00	3,37	10,45	3,43	10,67	3,45	11,34	3,54	11,78	3,59
	40,0	9,10	3,53	9,55	3,58	10,00	3,64	10,22	3,66	10,89	3,75	11,33	3,78
	43,0	8,83	3,63	9,27	3,63	9,70	3,63	9,81	3,63	10,53	3,63	10,93	3,63
	46,0	8,42	3,06	8,79	3,06	9,15	3,06	9,32	3,06	9,84	3,06	10,18	3,06
1.5+1.5+6.0+6.0	22,0	10,72	2,49	11,16	2,55	11,61	2,60	11,83	2,63	12,50	2,71	12,95	2,76
	25,0	10,45	2,59	10,89	2,65	11,34	2,70	11,56	2,73	12,23	2,81	12,68	2,87
	32,0	9,82	2,85	10,26	2,90	10,71	2,96	10,93	2,98	11,60	3,07	12,05	3,12
	35,0	9,55	2,97	9,99	3,02	10,44	3,08	10,66	3,10	11,33	3,19	11,77	3,24
	40,0	9,09	3,18	9,54	3,23	9,99	3,29	10,21	3,31	10,88	3,40	11,32	3,43
	43,0	8,82	3,28	9,26	3,28	9,69	3,28	9,80	3,28	10,52	3,28	10,92	3,28
	46,0	8,41	2,71	8,78	2,71	9,14	2,71	9,31	2,71	9,83	2,71	10,17	2,71

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104118

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.0+2.0	22,0	7,84	1,50	8,20	1,53	8,57	1,57	8,75	1,59	9,30	1,65	9,67	1,68
	25,0	7,61	1,57	7,98	1,60	8,35	1,64	8,53	1,66	9,08	1,71	9,45	1,75
	32,0	7,10	1,74	7,46	1,78	7,83	1,81	8,01	1,83	8,56	1,89	8,93	1,92
	35,0	6,87	1,82	7,24	1,86	7,61	1,89	7,79	1,91	8,34	1,97	8,71	2,01
	40,0	6,50	1,96	6,87	2,00	7,24	2,04	7,42	2,05	7,97	2,11	8,34	2,15
	43,0	6,28	2,05	6,65	2,09	7,01	2,13	7,20	2,15	7,75	2,20	8,11	2,24
	46,0	6,06	2,15	6,42	2,18	6,79	2,22	6,97	2,24	7,52	2,29	7,89	2,33
1.5+2.0+2.0+2.5	22,0	8,17	1,65	8,53	1,68	8,90	1,72	9,08	1,74	9,63	1,80	10,00	1,83
	25,0	7,94	1,72	8,31	1,75	8,68	1,79	8,86	1,81	9,41	1,86	9,78	1,90
	32,0	7,43	1,89	7,79	1,93	8,16	1,96	8,34	1,98	8,89	2,04	9,26	2,07
	35,0	7,20	1,97	7,57	2,01	7,94	2,04	8,12	2,06	8,67	2,12	9,04	2,16
	40,0	6,83	2,11	7,20	2,15	7,57	2,19	7,75	2,20	8,30	2,26	8,67	2,30
	43,0	6,61	2,20	6,98	2,24	7,34	2,28	7,53	2,30	8,08	2,35	8,44	2,39
	46,0	6,39	2,30	6,75	2,33	7,12	2,37	7,30	2,39	7,85	2,44	8,22	2,48
1.5+2.0+2.0+3.5	22,0	8,75	1,84	9,16	1,88	9,56	1,93	9,76	1,95	10,37	2,02	10,77	2,06
	25,0	8,51	1,92	8,91	1,97	9,32	2,01	9,52	2,03	10,12	2,10	10,53	2,15
	32,0	7,93	2,13	8,34	2,18	8,74	2,22	8,95	2,24	9,55	2,31	9,96	2,36
	35,0	7,69	2,23	8,09	2,28	8,50	2,32	8,70	2,34	9,31	2,41	9,71	2,46
	40,0	7,28	2,40	7,68	2,45	8,09	2,49	8,29	2,52	8,90	2,58	9,30	2,63
	43,0	7,03	2,51	7,44	2,56	7,84	2,60	8,05	2,63	8,65	2,69	9,06	2,74
	46,0	6,76	2,55	7,13	2,55	7,50	2,55	7,68	2,55	8,21	2,55	8,56	2,55
1.5+2.0+2.0+4.2	22,0	9,11	2,24	9,52	2,28	9,92	2,33	10,12	2,35	10,73	2,42	11,13	2,46
	25,0	8,87	2,32	9,27	2,37	9,68	2,41	9,88	2,43	10,48	2,50	10,89	2,55
	32,0	8,29	2,53	8,70	2,58	9,10	2,62	9,31	2,64	9,91	2,71	10,32	2,76
	35,0	8,05	2,63	8,45	2,68	8,86	2,72	9,06	2,74	9,67	2,81	10,07	2,86
	40,0	7,64	2,80	8,04	2,85	8,45	2,89	8,65	2,92	9,26	2,98	9,66	3,03
	43,0	7,39	2,91	7,80	2,96	8,20	3,00	8,41	3,03	9,01	3,09	9,42	3,14
	46,0	7,12	2,95	7,49	2,95	7,86	2,95	8,04	2,95	8,57	2,95	8,92	2,95
1.5+2.0+2.0+5.0	22,0	9,49	2,31	9,92	2,36	10,35	2,41	10,57	2,44	11,21	2,52	11,64	2,57
	25,0	9,23	2,41	9,66	2,46	10,09	2,51	10,31	2,54	10,95	2,61	11,38	2,67
	32,0	8,63	2,65	9,06	2,70	9,49	2,75	9,70	2,78	10,34	2,86	10,77	2,91
	35,0	8,37	2,76	8,80	2,82	9,23	2,87	9,44	2,89	10,08	2,97	10,51	3,02
	40,0	7,94	2,96	8,36	3,02	8,79	3,07	9,01	3,09	9,65	3,17	10,08	3,22
	43,0	7,68	3,09	8,10	3,14	8,53	3,19	8,75	3,22	9,37	3,24	9,77	3,24
	46,0	7,30	2,67	7,66	2,67	8,02	2,67	8,19	2,67	8,71	2,67	9,04	2,67
1.5+2.0+2.0+6.0	22,0	9,88	2,30	10,31	2,35	10,74	2,40	10,96	2,43	11,60	2,51	12,03	2,56
	25,0	9,62	2,40	10,05	2,45	10,48	2,50	10,70	2,53	11,34	2,60	11,77	2,66
	32,0	9,02	2,64	9,45	2,69	9,88	2,74	10,09	2,77	10,73	2,85	11,16	2,90
	35,0	8,76	2,75	9,19	2,81	9,62	2,86	9,83	2,88	10,47	2,96	10,90	3,01
	40,0	8,33	2,95	8,75	3,01	9,18	3,06	9,40	3,08	10,04	3,16	10,47	3,21
	43,0	8,07	3,08	8,49	3,13	8,92	3,18	9,14	3,21	9,76	3,23	10,16	3,23
	46,0	7,69	2,66	8,05	2,66	8,41	2,66	8,58	2,66	9,10	2,66	9,43	2,66

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.0+7.1	22,0	10,21	2,50	10,64	2,55	11,07	2,60	11,29	2,63	11,93	2,71	12,36	2,76
	25,0	9,95	2,60	10,38	2,65	10,81	2,70	11,03	2,73	11,67	2,80	12,10	2,86
	32,0	9,35	2,84	9,78	2,89	10,21	2,94	10,42	2,97	11,06	3,05	11,49	3,10
	35,0	9,09	2,95	9,52	3,01	9,95	3,06	10,16	3,08	10,80	3,16	11,23	3,21
	40,0	8,66	3,15	9,08	3,21	9,51	3,26	9,73	3,28	10,37	3,36	10,80	3,41
	43,0	8,40	3,28	8,82	3,33	9,25	3,38	9,47	3,41	10,09	3,43	10,49	3,43
	46,0	8,02	2,86	8,38	2,86	8,74	2,86	8,91	2,86	9,43	2,86	9,76	2,86
1.5+2.0+2.5+2.5	22,0	8,47	1,82	8,83	1,85	9,20	1,89	9,38	1,91	9,93	1,97	10,30	2,00
	25,0	8,24	1,89	8,61	1,92	8,98	1,96	9,16	1,98	9,71	2,03	10,08	2,07
	32,0	7,73	2,06	8,09	2,10	8,46	2,13	8,64	2,15	9,19	2,21	9,56	2,24
	35,0	7,50	2,14	7,87	2,18	8,24	2,21	8,42	2,23	8,97	2,29	9,34	2,33
	40,0	7,13	2,28	7,50	2,32	7,87	2,36	8,05	2,37	8,60	2,43	8,97	2,47
	43,0	6,91	2,37	7,28	2,41	7,64	2,45	7,83	2,47	8,38	2,52	8,74	2,56
	46,0	6,69	2,47	7,05	2,50	7,42	2,54	7,60	2,56	8,15	2,61	8,52	2,65
1.5+2.0+2.5+3.5	22,0	9,01	2,19	9,42	2,23	9,82	2,28	10,02	2,30	10,63	2,37	11,03	2,41
	25,0	8,77	2,27	9,17	2,32	9,58	2,36	9,78	2,38	10,38	2,45	10,79	2,50
	32,0	8,19	2,48	8,60	2,53	9,00	2,57	9,21	2,59	9,81	2,66	10,22	2,71
	35,0	7,95	2,58	8,35	2,63	8,76	2,67	8,96	2,69	9,57	2,76	9,97	2,81
	40,0	7,54	2,75	7,94	2,80	8,35	2,84	8,55	2,87	9,16	2,93	9,56	2,98
	43,0	7,29	2,86	7,70	2,91	8,10	2,95	8,31	2,98	8,91	3,04	9,32	3,09
	46,0	7,02	2,90	7,39	2,90	7,76	2,90	7,94	2,90	8,47	2,90	8,82	2,90
1.5+2.0+2.5+4.2	22,0	9,35	2,37	9,76	2,41	10,16	2,46	10,36	2,48	10,97	2,55	11,37	2,59
	25,0	9,11	2,45	9,51	2,50	9,92	2,54	10,12	2,56	10,72	2,63	11,13	2,68
	32,0	8,53	2,66	8,94	2,71	9,34	2,75	9,55	2,77	10,15	2,84	10,56	2,89
	35,0	8,29	2,76	8,69	2,81	9,10	2,85	9,30	2,87	9,91	2,94	10,31	2,99
	40,0	7,88	2,93	8,28	2,98	8,69	3,02	8,89	3,05	9,50	3,11	9,90	3,16
	43,0	7,63	3,04	8,04	3,09	8,44	3,13	8,65	3,16	9,25	3,22	9,66	3,27
	46,0	7,36	3,08	7,73	3,08	8,10	3,08	8,28	3,08	8,81	3,08	9,16	3,08
1.5+2.0+2.5+5.0	22,0	9,54	2,31	9,97	2,36	10,40	2,41	10,62	2,44	11,26	2,52	11,69	2,57
	25,0	9,28	2,41	9,71	2,46	10,14	2,51	10,36	2,54	11,00	2,61	11,43	2,67
	32,0	8,68	2,65	9,11	2,70	9,54	2,75	9,75	2,78	10,39	2,86	10,82	2,91
	35,0	8,42	2,76	8,85	2,82	9,28	2,87	9,49	2,89	10,13	2,97	10,56	3,02
	40,0	7,99	2,96	8,41	3,02	8,84	3,07	9,06	3,09	9,70	3,17	10,13	3,22
	43,0	7,73	3,09	8,15	3,14	8,58	3,19	8,80	3,22	9,42	3,24	9,82	3,24
	46,0	7,35	2,67	7,71	2,67	8,07	2,67	8,24	2,67	8,76	2,67	9,09	2,67
1.5+2.0+2.5+6.0	22,0	10,06	2,43	10,49	2,48	10,92	2,53	11,14	2,56	11,78	2,64	12,21	2,69
	25,0	9,80	2,53	10,23	2,58	10,66	2,63	10,88	2,66	11,52	2,73	11,95	2,79
	32,0	9,20	2,77	9,63	2,82	10,06	2,87	10,27	2,90	10,91	2,98	11,34	3,03
	35,0	8,94	2,88	9,37	2,94	9,80	2,99	10,01	3,01	10,65	3,09	11,08	3,14
	40,0	8,51	3,08	8,93	3,14	9,36	3,19	9,58	3,21	10,22	3,29	10,65	3,34
	43,0	8,25	3,21	8,67	3,26	9,10	3,31	9,32	3,34	9,94	3,36	10,34	3,36
	46,0	7,87	2,79	8,23	2,79	8,59	2,79	8,76	2,79	9,28	2,79	9,61	2,79

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104119

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.5+7.1	22,0	10,21	2,50	10,64	2,55	11,07	2,60	11,29	2,63	11,93	2,71	12,36	2,76
	25,0	9,95	2,60	10,38	2,65	10,81	2,70	11,03	2,73	11,67	2,80	12,10	2,86
	32,0	9,35	2,84	9,78	2,89	10,21	2,94	10,42	2,97	11,06	3,05	11,49	3,10
	35,0	9,09	2,95	9,52	3,01	9,95	3,06	10,16	3,08	10,80	3,16	11,23	3,21
	40,0	8,66	3,15	9,08	3,21	9,51	3,26	9,73	3,28	10,37	3,36	10,80	3,41
	43,0	8,40	3,28	8,82	3,33	9,25	3,38	9,47	3,41	10,09	3,43	10,49	3,43
	46,0	8,02	2,86	8,38	2,86	8,74	2,86	8,91	2,86	9,43	2,86	9,76	2,86
1.5+2.0+3.5+3.5	22,0	9,36	2,30	9,78	2,35	10,20	2,40	10,42	2,43	11,05	2,50	11,47	2,55
	25,0	9,11	2,39	9,53	2,44	9,95	2,49	10,16	2,52	10,79	2,60	11,21	2,65
	32,0	8,51	2,63	8,93	2,68	9,35	2,74	9,57	2,76	10,20	2,84	10,62	2,89
	35,0	8,26	2,74	8,68	2,80	9,10	2,85	9,31	2,87	9,94	2,95	10,36	3,00
	40,0	7,83	2,94	8,25	2,99	8,67	3,05	8,88	3,07	9,52	3,15	9,94	3,20
	43,0	7,58	3,07	8,00	3,12	8,42	3,17	8,63	3,20	9,25	3,25	9,65	3,25
	46,0	7,22	2,68	7,58	2,68	7,94	2,68	8,11	2,68	8,62	2,68	8,95	2,68
1.5+2.0+3.5+4.2	22,0	9,56	2,42	9,98	2,47	10,40	2,52	10,62	2,55	11,25	2,62	11,67	2,67
	25,0	9,31	2,51	9,73	2,56	10,15	2,61	10,36	2,64	10,99	2,72	11,41	2,77
	32,0	8,71	2,75	9,13	2,80	9,55	2,86	9,77	2,88	10,40	2,96	10,82	3,01
	35,0	8,46	2,86	8,88	2,92	9,30	2,97	9,51	2,99	10,14	3,07	10,56	3,12
	40,0	8,03	3,06	8,45	3,11	8,87	3,17	9,08	3,19	9,72	3,27	10,14	3,32
	43,0	7,78	3,19	8,20	3,24	8,62	3,29	8,83	3,32	9,45	3,37	9,85	3,37
	46,0	7,42	2,80	7,78	2,80	8,14	2,80	8,31	2,80	8,82	2,80	9,15	2,80
1.5+2.0+3.5+5.0	22,0	9,74	2,42	10,17	2,47	10,61	2,52	10,83	2,55	11,48	2,63	11,92	2,69
	25,0	9,47	2,52	9,91	2,57	10,35	2,62	10,56	2,65	11,22	2,73	11,66	2,79
	32,0	8,85	2,77	9,29	2,82	9,73	2,88	9,95	2,91	10,60	2,99	11,04	3,04
	35,0	8,59	2,89	9,02	2,94	9,46	3,00	9,68	3,02	10,34	3,10	10,77	3,16
	40,0	8,15	3,10	8,58	3,15	9,02	3,20	9,24	3,23	9,89	3,31	10,33	3,37
	43,0	7,88	3,23	8,31	3,23	8,74	3,23	8,95	3,23	9,56	3,23	9,96	3,23
	46,0	7,49	2,66	7,86	2,66	8,21	2,66	8,39	2,66	8,90	2,66	9,23	2,66
1.5+2.0+3.5+6.0	22,0	10,21	2,48	10,64	2,53	11,08	2,58	11,30	2,61	11,95	2,69	12,39	2,75
	25,0	9,94	2,58	10,38	2,63	10,82	2,68	11,03	2,71	11,69	2,79	12,13	2,85
	32,0	9,32	2,83	9,76	2,88	10,20	2,94	10,42	2,97	11,07	3,05	11,51	3,10
	35,0	9,06	2,95	9,49	3,00	9,93	3,06	10,15	3,08	10,81	3,16	11,24	3,22
	40,0	8,62	3,16	9,05	3,21	9,49	3,26	9,71	3,29	10,36	3,37	10,80	3,43
	43,0	8,35	3,29	8,78	3,29	9,21	3,29	9,42	3,29	10,03	3,29	10,43	3,29
	46,0	7,96	2,72	8,33	2,72	8,68	2,72	8,86	2,72	9,37	2,72	9,70	2,72
1.5+2.0+3.5+7.1	22,0	10,23	2,48	10,66	2,53	11,10	2,58	11,32	2,61	11,97	2,69	12,41	2,75
	25,0	9,96	2,58	10,40	2,63	10,84	2,68	11,05	2,71	11,71	2,79	12,15	2,85
	32,0	9,34	2,83	9,78	2,88	10,22	2,94	10,44	2,97	11,09	3,05	11,53	3,10
	35,0	9,08	2,95	9,51	3,00	9,95	3,06	10,17	3,08	10,83	3,16	11,26	3,22
	40,0	8,64	3,16	9,07	3,21	9,51	3,26	9,73	3,29	10,38	3,37	10,82	3,43
	43,0	8,37	3,29	8,80	3,29	9,23	3,29	9,44	3,29	10,05	3,29	10,45	3,29
	46,0	7,98	2,72	8,35	2,72	8,70	2,72	8,88	2,72	9,39	2,72	9,72	2,72

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+4.2+4.2	22,0	9,57	2,42	9,99	2,47	10,41	2,52	10,63	2,55	11,26	2,62	11,68	2,67
	25,0	9,32	2,51	9,74	2,56	10,16	2,61	10,37	2,64	11,00	2,72	11,42	2,77
	32,0	8,72	2,75	9,14	2,80	9,56	2,86	9,78	2,88	10,41	2,96	10,83	3,01
	35,0	8,47	2,86	8,89	2,92	9,31	2,97	9,52	2,99	10,15	3,07	10,57	3,12
	40,0	8,04	3,06	8,46	3,11	8,88	3,17	9,09	3,19	9,73	3,27	10,15	3,32
	43,0	7,79	3,19	8,21	3,24	8,63	3,29	8,84	3,32	9,46	3,37	9,86	3,37
	46,0	7,43	2,80	7,79	2,80	8,15	2,80	8,32	2,80	8,83	2,80	9,16	2,80
1.5+2.0+4.2+5.0	22,0	9,75	2,42	10,18	2,47	10,62	2,52	10,84	2,55	11,49	2,63	11,93	2,69
	25,0	9,48	2,52	9,92	2,57	10,36	2,62	10,57	2,65	11,23	2,73	11,67	2,79
	32,0	8,86	2,77	9,30	2,82	9,74	2,88	9,96	2,91	10,61	2,99	11,05	3,04
	35,0	8,60	2,89	9,03	2,94	9,47	3,00	9,69	3,02	10,35	3,10	10,78	3,16
	40,0	8,16	3,10	8,59	3,15	9,03	3,20	9,25	3,23	9,90	3,31	10,34	3,37
	43,0	7,89	3,23	8,32	3,23	8,75	3,23	8,96	3,23	9,57	3,23	9,97	3,23
	46,0	7,50	2,66	7,87	2,66	8,22	2,66	8,40	2,66	8,91	2,66	9,24	2,66
1.5+2.0+4.2+6.0	22,0	10,22	2,48	10,65	2,53	11,09	2,58	11,31	2,61	11,96	2,69	12,40	2,75
	25,0	9,95	2,58	10,39	2,63	10,83	2,68	11,04	2,71	11,70	2,79	12,14	2,85
	32,0	9,33	2,83	9,77	2,88	10,21	2,94	10,43	2,97	11,08	3,05	11,52	3,10
	35,0	9,07	2,95	9,50	3,00	9,94	3,06	10,16	3,08	10,82	3,16	11,25	3,22
	40,0	8,63	3,16	9,06	3,21	9,50	3,26	9,72	3,29	10,37	3,37	10,81	3,43
	43,0	8,36	3,29	8,79	3,29	9,22	3,29	9,43	3,29	10,04	3,29	10,44	3,29
	46,0	7,97	2,72	8,34	2,72	8,69	2,72	8,87	2,72	9,38	2,72	9,71	2,72
1.5+2.0+4.2+7.1	22,0	10,69	2,97	11,12	3,02	11,56	3,07	11,78	3,10	12,43	3,18	12,87	3,24
	25,0	10,42	3,07	10,86	3,12	11,30	3,17	11,51	3,20	12,17	3,28	12,61	3,34
	32,0	9,80	3,32	10,24	3,37	10,68	3,43	10,90	3,46	11,55	3,54	11,99	3,59
	35,0	9,54	3,44	9,97	3,49	10,41	3,55	10,63	3,57	11,29	3,65	11,72	3,71
	40,0	9,10	3,65	9,53	3,70	9,97	3,75	10,19	3,78	10,84	3,86	11,28	3,92
	43,0	8,83	3,78	9,26	3,78	9,69	3,78	9,90	3,78	10,51	3,78	10,91	3,78
	46,0	8,44	3,21	8,81	3,21	9,16	3,21	9,34	3,21	9,85	3,21	10,18	3,21
1.5+2.0+5.0+5.0	22,0	9,93	2,43	10,37	2,49	10,82	2,54	11,04	2,57	11,71	2,65	12,16	2,70
	25,0	9,66	2,53	10,10	2,59	10,55	2,64	10,77	2,67	11,44	2,75	11,89	2,81
	32,0	9,03	2,79	9,47	2,84	9,92	2,90	10,14	2,92	10,81	3,01	11,26	3,06
	35,0	8,76	2,91	9,20	2,96	9,65	3,02	9,87	3,04	10,54	3,13	10,98	3,18
	40,0	8,30	3,12	8,75	3,17	9,20	3,23	9,42	3,25	10,09	3,34	10,53	3,37
	43,0	8,03	3,22	8,47	3,22	8,90	3,22	9,01	3,22	9,73	3,22	10,13	3,22
	46,0	7,62	2,65	7,99	2,65	8,35	2,65	8,52	2,65	9,04	2,65	9,38	2,65
1.5+2.0+5.0+6.0	22,0	10,40	2,50	10,84	2,56	11,29	2,61	11,51	2,64	12,18	2,72	12,63	2,77
	25,0	10,13	2,60	10,57	2,66	11,02	2,71	11,24	2,74	11,91	2,82	12,36	2,88
	32,0	9,50	2,86	9,94	2,91	10,39	2,97	10,61	2,99	11,28	3,08	11,73	3,13
	35,0	9,23	2,98	9,67	3,03	10,12	3,09	10,34	3,11	11,01	3,20	11,45	3,25
	40,0	8,77	3,19	9,22	3,24	9,67	3,30	9,89	3,32	10,56	3,41	11,00	3,44
	43,0	8,50	3,29	8,94	3,29	9,37	3,29	9,48	3,29	10,20	3,29	10,60	3,29
	46,0	8,09	2,72	8,46	2,72	8,82	2,72	8,99	2,72	9,51	2,72	9,85	2,72

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104120

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+5.0+7.1	22,0	10,77	2,84	11,21	2,90	11,66	2,95	11,88	2,98	12,55	3,06	13,00	3,11
	25,0	10,50	2,94	10,94	3,00	11,39	3,05	11,61	3,08	12,28	3,16	12,73	3,22
	32,0	9,87	3,20	10,31	3,25	10,76	3,31	10,98	3,33	11,65	3,42	12,10	3,47
	35,0	9,60	3,32	10,04	3,37	10,49	3,43	10,71	3,45	11,38	3,54	11,82	3,59
	40,0	9,14	3,53	9,59	3,58	10,04	3,64	10,26	3,66	10,93	3,75	11,37	3,78
	43,0	8,87	3,63	9,31	3,63	9,74	3,63	9,85	3,63	10,57	3,63	10,97	3,63
	46,0	8,46	3,06	8,83	3,06	9,19	3,06	9,36	3,06	9,88	3,06	10,22	3,06
1.5+2.0+6.0+6.0	22,0	10,76	2,49	11,20	2,55	11,65	2,60	11,87	2,63	12,54	2,71	12,99	2,76
	25,0	10,49	2,59	10,93	2,65	11,38	2,70	11,60	2,73	12,27	2,81	12,72	2,87
	32,0	9,86	2,85	10,30	2,90	10,75	2,96	10,97	2,98	11,64	3,07	12,09	3,12
	35,0	9,59	2,97	10,03	3,02	10,48	3,08	10,70	3,10	11,37	3,19	11,81	3,24
	40,0	9,13	3,18	9,58	3,23	10,03	3,29	10,25	3,31	10,92	3,40	11,36	3,43
	43,0	8,86	3,28	9,30	3,28	9,73	3,28	9,84	3,28	10,56	3,28	10,96	3,28
	46,0	8,45	2,71	8,82	2,71	9,18	2,71	9,35	2,71	9,87	2,71	10,21	2,71
1.5+2.5+2.5+2.5	22,0	8,75	1,98	9,11	2,01	9,48	2,05	9,66	2,07	10,21	2,13	10,58	2,16
	25,0	8,52	2,05	8,89	2,08	9,26	2,12	9,44	2,14	9,99	2,19	10,36	2,23
	32,0	8,01	2,22	8,37	2,26	8,74	2,29	8,92	2,31	9,47	2,37	9,84	2,40
	35,0	7,78	2,30	8,15	2,34	8,52	2,37	8,70	2,39	9,25	2,45	9,62	2,49
	40,0	7,41	2,44	7,78	2,48	8,15	2,52	8,33	2,53	8,88	2,59	9,25	2,63
	43,0	7,19	2,53	7,56	2,57	7,92	2,61	8,11	2,63	8,66	2,68	9,02	2,72
	46,0	6,97	2,63	7,33	2,66	7,70	2,70	7,88	2,72	8,43	2,77	8,80	2,81
1.5+2.5+2.5+3.5	22,0	9,26	2,37	9,67	2,41	10,07	2,46	10,27	2,48	10,88	2,55	11,28	2,59
	25,0	9,02	2,45	9,42	2,50	9,83	2,54	10,03	2,56	10,63	2,63	11,04	2,68
	32,0	8,44	2,66	8,85	2,71	9,25	2,75	9,46	2,77	10,06	2,84	10,47	2,89
	35,0	8,20	2,76	8,60	2,81	9,01	2,85	9,21	2,87	9,82	2,94	10,22	2,99
	40,0	7,79	2,93	8,19	2,98	8,60	3,02	8,80	3,05	9,41	3,11	9,81	3,16
	43,0	7,54	3,04	7,95	3,09	8,35	3,13	8,56	3,16	9,16	3,22	9,57	3,27
	46,0	7,27	3,08	7,64	3,08	8,01	3,08	8,19	3,08	8,72	3,08	9,07	3,08
1.5+2.5+2.5+4.2	22,0	9,36	2,37	9,77	2,41	10,17	2,46	10,37	2,48	10,98	2,55	11,38	2,59
	25,0	9,12	2,45	9,52	2,50	9,93	2,54	10,13	2,56	10,73	2,63	11,14	2,68
	32,0	8,54	2,66	8,95	2,71	9,35	2,75	9,56	2,77	10,16	2,84	10,57	2,89
	35,0	8,30	2,76	8,70	2,81	9,11	2,85	9,31	2,87	9,92	2,94	10,32	2,99
	40,0	7,89	2,93	8,29	2,98	8,70	3,02	8,90	3,05	9,51	3,11	9,91	3,16
	43,0	7,64	3,04	8,05	3,09	8,45	3,13	8,66	3,16	9,26	3,22	9,67	3,27
	46,0	7,37	3,08	7,74	3,08	8,11	3,08	8,29	3,08	8,82	3,08	9,17	3,08
1.5+2.5+2.5+5.0	22,0	9,73	2,44	10,16	2,49	10,59	2,54	10,81	2,57	11,45	2,65	11,88	2,70
	25,0	9,47	2,54	9,90	2,59	10,33	2,64	10,55	2,67	11,19	2,74	11,62	2,80
	32,0	8,87	2,78	9,30	2,83	9,73	2,88	9,94	2,91	10,58	2,99	11,01	3,04
	35,0	8,61	2,89	9,04	2,95	9,47	3,00	9,68	3,02	10,32	3,10	10,75	3,15
	40,0	8,18	3,09	8,60	3,15	9,03	3,20	9,25	3,22	9,89	3,30	10,32	3,35
	43,0	7,92	3,22	8,34	3,27	8,77	3,32	8,99	3,35	9,61	3,37	10,01	3,37
	46,0	7,54	2,80	7,90	2,80	8,26	2,80	8,43	2,80	8,95	2,80	9,28	2,80

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+2.5+6.0	22,0	10,19	2,50	10,62	2,55	11,05	2,60	11,27	2,63	11,91	2,71	12,34	2,76
	25,0	9,93	2,60	10,36	2,65	10,79	2,70	11,01	2,73	11,65	2,80	12,08	2,86
	32,0	9,33	2,84	9,76	2,89	10,19	2,94	10,40	2,97	11,04	3,05	11,47	3,10
	35,0	9,07	2,95	9,50	3,01	9,93	3,06	10,14	3,08	10,78	3,16	11,21	3,21
	40,0	8,64	3,15	9,06	3,21	9,49	3,26	9,71	3,28	10,35	3,36	10,78	3,41
	43,0	8,38	3,28	8,80	3,33	9,23	3,38	9,45	3,41	10,07	3,43	10,47	3,43
	46,0	8,00	2,86	8,36	2,86	8,72	2,86	8,89	2,86	9,41	2,86	9,74	2,86
1.5+2.5+2.5+7.1	22,0	10,21	2,50	10,64	2,55	11,07	2,60	11,29	2,63	11,93	2,71	12,36	2,76
	25,0	9,95	2,60	10,38	2,65	10,81	2,70	11,03	2,73	11,67	2,80	12,10	2,86
	32,0	9,35	2,84	9,78	2,89	10,21	2,94	10,42	2,97	11,06	3,05	11,49	3,10
	35,0	9,09	2,95	9,52	3,01	9,95	3,06	10,16	3,08	10,80	3,16	11,23	3,21
	40,0	8,66	3,15	9,08	3,21	9,51	3,26	9,73	3,28	10,37	3,36	10,80	3,41
	43,0	8,40	3,28	8,82	3,33	9,25	3,38	9,47	3,41	10,09	3,43	10,49	3,43
	46,0	8,02	2,86	8,38	2,86	8,74	2,86	8,91	2,86	9,43	2,86	9,76	2,86
1.5+2.5+3.5+3.5	22,0	9,36	2,30	9,78	2,35	10,20	2,40	10,42	2,43	11,05	2,50	11,47	2,55
	25,0	9,11	2,39	9,53	2,44	9,95	2,49	10,16	2,52	10,79	2,60	11,21	2,65
	32,0	8,51	2,63	8,93	2,68	9,35	2,74	9,57	2,76	10,20	2,84	10,62	2,89
	35,0	8,26	2,74	8,68	2,80	9,10	2,85	9,31	2,87	9,94	2,95	10,36	3,00
	40,0	7,83	2,94	8,25	2,99	8,67	3,05	8,88	3,07	9,52	3,15	9,94	3,20
	43,0	7,58	3,07	8,00	3,12	8,42	3,17	8,63	3,20	9,25	3,25	9,65	3,25
	46,0	7,22	2,68	7,58	2,68	7,94	2,68	8,11	2,68	8,62	2,68	8,95	2,68
1.5+2.5+3.5+4.2	22,0	9,56	2,42	9,98	2,47	10,40	2,52	10,62	2,55	11,25	2,62	11,67	2,67
	25,0	9,31	2,51	9,73	2,56	10,15	2,61	10,36	2,64	10,99	2,72	11,41	2,77
	32,0	8,71	2,75	9,13	2,80	9,55	2,86	9,77	2,88	10,40	2,96	10,82	3,01
	35,0	8,46	2,86	8,88	2,92	9,30	2,97	9,51	2,99	10,14	3,07	10,56	3,12
	40,0	8,03	3,06	8,45	3,11	8,87	3,17	9,08	3,19	9,72	3,27	10,14	3,32
	43,0	7,78	3,19	8,20	3,24	8,62	3,29	8,83	3,32	9,45	3,37	9,85	3,37
	46,0	7,42	2,80	7,78	2,80	8,14	2,80	8,31	2,80	8,82	2,80	9,15	2,80
1.5+2.5+3.5+5.0	22,0	9,74	2,42	10,17	2,47	10,61	2,52	10,83	2,55	11,48	2,63	11,92	2,69
	25,0	9,47	2,52	9,91	2,57	10,35	2,62	10,56	2,65	11,22	2,73	11,66	2,79
	32,0	8,85	2,77	9,29	2,82	9,73	2,88	9,95	2,91	10,60	2,99	11,04	3,04
	35,0	8,59	2,89	9,02	2,94	9,46	3,00	9,68	3,02	10,34	3,10	10,77	3,16
	40,0	8,15	3,10	8,58	3,15	9,02	3,20	9,24	3,23	9,89	3,31	10,33	3,37
	43,0	7,88	3,23	8,31	3,23	8,74	3,23	8,95	3,23	9,56	3,23	9,96	3,23
	46,0	7,49	2,66	7,86	2,66	8,21	2,66	8,39	2,66	8,90	2,66	9,23	2,66
1.5+2.5+3.5+6.0	22,0	10,21	2,48	10,64	2,53	11,08	2,58	11,30	2,61	11,95	2,69	12,39	2,75
	25,0	9,94	2,58	10,38	2,63	10,82	2,68	11,03	2,71	11,69	2,79	12,13	2,85
	32,0	9,32	2,83	9,76	2,88	10,20	2,94	10,42	2,97	11,07	3,05	11,51	3,10
	35,0	9,06	2,95	9,49	3,00	9,93	3,06	10,15	3,08	10,81	3,16	11,24	3,22
	40,0	8,62	3,16	9,05	3,21	9,49	3,26	9,71	3,29	10,36	3,37	10,80	3,43
	43,0	8,35	3,29	8,78	3,29	9,21	3,29	9,42	3,29	10,03	3,29	10,43	3,29
	46,0	7,96	2,72	8,33	2,72	8,68	2,72	8,86	2,72	9,37	2,72	9,70	2,72

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104121

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+3.5+7.1	22,0	10,23	2,48	10,66	2,53	11,10	2,58	11,32	2,61	11,97	2,69	12,41	2,75
	25,0	9,96	2,58	10,40	2,63	10,84	2,68	11,05	2,71	11,71	2,79	12,15	2,85
	32,0	9,34	2,83	9,78	2,88	10,22	2,94	10,44	2,97	11,09	3,05	11,53	3,10
	35,0	9,08	2,95	9,51	3,00	9,95	3,06	10,17	3,08	10,83	3,16	11,26	3,22
	40,0	8,64	3,16	9,07	3,21	9,51	3,26	9,73	3,29	10,38	3,37	10,82	3,43
	43,0	8,37	3,29	8,80	3,29	9,23	3,29	9,44	3,29	10,05	3,29	10,45	3,29
	46,0	7,98	2,72	8,35	2,72	8,70	2,72	8,88	2,72	9,39	2,72	9,72	2,72
1.5+2.5+4.2+4.2	22,0	9,57	2,42	9,99	2,47	10,41	2,52	10,63	2,55	11,26	2,62	11,68	2,67
	25,0	9,32	2,51	9,74	2,56	10,16	2,61	10,37	2,64	11,00	2,72	11,42	2,77
	32,0	8,72	2,75	9,14	2,80	9,56	2,86	9,78	2,88	10,41	2,96	10,83	3,01
	35,0	8,47	2,86	8,89	2,92	9,31	2,97	9,52	2,99	10,15	3,07	10,57	3,12
	40,0	8,04	3,06	8,46	3,11	8,88	3,17	9,09	3,19	9,73	3,27	10,15	3,32
	43,0	7,79	3,19	8,21	3,24	8,63	3,29	8,84	3,32	9,46	3,37	9,86	3,37
	46,0	7,43	2,80	7,79	2,80	8,15	2,80	8,32	2,80	8,83	2,80	9,16	2,80
1.5+2.5+4.2+5.0	22,0	9,75	2,42	10,18	2,47	10,62	2,52	10,84	2,55	11,49	2,63	11,93	2,69
	25,0	9,48	2,52	9,92	2,57	10,36	2,62	10,57	2,65	11,23	2,73	11,67	2,79
	32,0	8,86	2,77	9,30	2,82	9,74	2,88	9,96	2,91	10,61	2,99	11,05	3,04
	35,0	8,60	2,89	9,03	2,94	9,47	3,00	9,69	3,02	10,35	3,10	10,78	3,16
	40,0	8,16	3,10	8,59	3,15	9,03	3,20	9,25	3,23	9,90	3,31	10,34	3,37
	43,0	7,89	3,23	8,32	3,23	8,75	3,23	8,96	3,23	9,57	3,23	9,97	3,23
	46,0	7,50	2,66	7,87	2,66	8,22	2,66	8,40	2,66	8,91	2,66	9,24	2,66
1.5+2.5+4.2+6.0	22,0	10,22	2,48	10,65	2,53	11,09	2,58	11,31	2,61	11,96	2,69	12,40	2,75
	25,0	9,95	2,58	10,39	2,63	10,83	2,68	11,04	2,71	11,70	2,79	12,14	2,85
	32,0	9,33	2,83	9,77	2,88	10,21	2,94	10,43	2,97	11,08	3,05	11,52	3,10
	35,0	9,07	2,95	9,50	3,00	9,94	3,06	10,16	3,08	10,82	3,16	11,25	3,22
	40,0	8,63	3,16	9,06	3,21	9,50	3,26	9,72	3,29	10,37	3,37	10,81	3,43
	43,0	8,36	3,29	8,79	3,29	9,22	3,29	9,43	3,29	10,04	3,29	10,44	3,29
	46,0	7,97	2,72	8,34	2,72	8,69	2,72	8,87	2,72	9,38	2,72	9,71	2,72
1.5+2.5+4.2+7.1	22,0	10,74	3,04	11,17	3,09	11,61	3,14	11,83	3,17	12,48	3,25	12,92	3,31
	25,0	10,47	3,14	10,91	3,19	11,35	3,24	11,56	3,27	12,22	3,35	12,66	3,41
	32,0	9,85	3,39	10,29	3,44	10,73	3,50	10,95	3,53	11,60	3,61	12,04	3,66
	35,0	9,59	3,51	10,02	3,56	10,46	3,62	10,68	3,64	11,34	3,72	11,77	3,78
	40,0	9,15	3,72	9,58	3,77	10,02	3,82	10,24	3,85	10,89	3,93	11,33	3,99
	43,0	8,88	3,85	9,31	3,85	9,74	3,85	9,95	3,85	10,56	3,85	10,96	3,85
	46,0	8,49	3,28	8,86	3,28	9,21	3,28	9,39	3,28	9,90	3,28	10,23	3,28
1.5+2.5+5.0+5.0	22,0	9,58	2,38	10,02	2,44	10,47	2,49	10,69	2,52	11,36	2,60	11,81	2,65
	25,0	9,31	2,48	9,75	2,54	10,20	2,59	10,42	2,62	11,09	2,70	11,54	2,76
	32,0	8,68	2,74	9,12	2,79	9,57	2,85	9,79	2,87	10,46	2,96	10,91	3,01
	35,0	8,41	2,86	8,85	2,91	9,30	2,97	9,52	2,99	10,19	3,08	10,63	3,13
	40,0	7,95	3,07	8,40	3,12	8,85	3,18	9,07	3,20	9,74	3,29	10,18	3,32
	43,0	7,68	3,17	8,12	3,17	8,55	3,17	8,66	3,17	9,38	3,17	9,78	3,17
	46,0	7,27	2,60	7,64	2,60	8,00	2,60	8,17	2,60	8,69	2,60	9,03	2,60

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+5.0+6.0	22,0	9,75	2,41	10,19	2,47	10,64	2,52	10,86	2,55	11,53	2,63	11,98	2,68
	25,0	9,48	2,51	9,92	2,57	10,37	2,62	10,59	2,65	11,26	2,73	11,71	2,79
	32,0	8,85	2,77	9,29	2,82	9,74	2,88	9,96	2,90	10,63	2,99	11,08	3,04
	35,0	8,58	2,89	9,02	2,94	9,47	3,00	9,69	3,02	10,36	3,11	10,80	3,16
	40,0	8,12	3,10	8,57	3,15	9,02	3,21	9,24	3,23	9,91	3,32	10,35	3,35
	43,0	7,85	3,20	8,29	3,20	8,72	3,20	8,83	3,20	9,55	3,20	9,95	3,20
	46,0	7,44	2,63	7,81	2,63	8,17	2,63	8,34	2,63	8,86	2,63	9,20	2,63
1.5+3.5+3.5+3.5	22,0	9,56	2,39	9,99	2,45	10,42	2,50	10,64	2,53	11,28	2,61	11,71	2,66
	25,0	9,30	2,49	9,73	2,54	10,16	2,60	10,38	2,62	11,02	2,71	11,45	2,76
	32,0	8,70	2,74	9,13	2,80	9,56	2,85	9,77	2,88	10,41	2,96	10,84	3,01
	35,0	8,44	2,86	8,87	2,91	9,30	2,97	9,51	2,99	9,85	3,07	10,58	3,13
	40,0	8,00	3,07	8,43	3,12	8,86	3,17	9,08	3,20	9,72	3,28	10,15	3,33
	43,0	7,74	3,20	8,17	3,23	8,59	3,23	8,80	3,23	9,40	3,23	9,80	3,23
	46,0	7,38	2,66	7,74	2,66	8,09	2,66	8,26	2,66	8,77	2,66	9,10	2,66
1.5+3.5+3.5+4.2	22,0	9,57	2,39	10,00	2,45	10,43	2,50	10,65	2,53	11,29	2,61	11,72	2,66
	25,0	9,31	2,49	9,74	2,54	10,17	2,60	10,39	2,62	11,03	2,71	11,46	2,76
	32,0	8,71	2,74	9,14	2,80	9,57	2,85	9,78	2,88	10,42	2,96	10,85	3,01
	35,0	8,45	2,86	8,88	2,91	9,31	2,97	9,52	2,99	9,86	3,07	10,59	3,13
	40,0	8,01	3,07	8,44	3,12	8,87	3,17	9,09	3,20	9,73	3,28	10,16	3,33
	43,0	7,75	3,20	8,18	3,23	8,60	3,23	8,81	3,23	9,41	3,23	9,81	3,23
	46,0	7,39	2,66	7,75	2,66	8,10	2,66	8,27	2,66	8,78	2,66	9,11	2,66
1.5+3.5+3.5+5.0	22,0	9,75	2,42	10,18	2,47	10,62	2,52	10,84	2,55	11,50	2,63	11,93	2,69
	25,0	9,48	2,52	9,92	2,57	10,36	2,62	10,57	2,65	11,23	2,73	11,67	2,79
	32,0	8,86	2,77	9,30	2,82	9,74	2,88	9,96	2,91	10,61	2,99	10,85	3,04
	35,0	8,60	2,89	9,03	2,94	9,47	3,00	9,69	3,02	10,35	3,10	10,78	3,16
	40,0	8,15	3,10	8,59	3,15	9,03	3,20	9,25	3,23	9,90	3,31	10,34	3,37
	43,0	7,89	3,23	8,32	3,23	8,75	3,23	8,95	3,23	9,57	3,23	9,97	3,23
	46,0	7,50	2,66	7,86	2,66	8,22	2,66	8,39	2,66	8,91	2,66	9,24	2,66
1.5+3.5+3.5+6.0	22,0	10,22	2,48	10,65	2,53	11,09	2,58	11,31	2,61	11,97	2,69	12,40	2,75
	25,0	9,95	2,58	10,39	2,63	10,83	2,68	11,04	2,71	11,70	2,79	12,14	2,85
	32,0	9,33	2,83	9,77	2,88	10,21	2,94	10,43	2,97	11,08	3,05	11,32	3,10
	35,0	9,07	2,95	9,50	3,00	9,94	3,06	10,16	3,08	10,82	3,16	11,25	3,22
	40,0	8,62	3,16	9,06	3,21	9,50	3,26	9,72	3,29	10,37	3,37	10,81	3,43
	43,0	8,36	3,29	8,79	3,29	9,22	3,29	9,42	3,29	10,04	3,29	10,44	3,29
	46,0	7,97	2,72	8,33	2,72	8,69	2,72	8,86	2,72	9,38	2,72	9,71	2,72
1.5+3.5+3.5+7.1	22,0	10,77	3,11	11,20	3,16	11,64	3,21	11,86	3,24	12,52	3,32	12,95	3,38
	25,0	10,50	3,21	10,94	3,26	11,38	3,31	11,59	3,34	12,25	3,42	12,69	3,48
	32,0	9,88	3,46	10,32	3,51	10,76	3,57	10,98	3,60	11,63	3,68	11,87	3,73
	35,0	9,62	3,58	10,05	3,63	10,49	3,69	10,71	3,71	11,37	3,79	11,80	3,85
	40,0	9,17	3,79	9,61	3,84	10,05	3,89	10,27	3,92	10,92	4,00	11,36	4,06
	43,0	8,91	3,92	9,34	3,92	9,77	3,92	9,97	3,92	10,59	3,92	10,99	3,92
	46,0	8,52	3,35	8,88	3,35	9,24	3,35	9,41	3,35	9,93	3,35	10,26	3,35

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104122

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+3.5+4.2+4.2	22,0	9,57	2,40	10,00	2,46	10,43	2,51	10,65	2,54	11,29	2,62	11,72	2,67
	25,0	9,31	2,50	9,74	2,55	10,17	2,61	10,39	2,63	11,03	2,72	11,46	2,77
	32,0	8,71	2,75	9,14	2,81	9,57	2,86	9,78	2,89	10,42	2,97	10,85	3,02
	35,0	8,45	2,87	8,88	2,92	9,31	2,98	9,52	3,00	9,86	3,08	10,59	3,14
	40,0	8,01	3,08	8,44	3,13	8,87	3,18	9,09	3,21	9,73	3,29	10,16	3,34
	43,0	7,75	3,21	8,18	3,24	8,60	3,24	8,81	3,24	9,41	3,24	9,81	3,24
	46,0	7,39	2,67	7,75	2,67	8,10	2,67	8,27	2,67	8,78	2,67	9,11	2,67
1.5+3.5+4.2+5.0	22,0	9,76	2,42	10,19	2,47	10,63	2,52	10,85	2,55	11,51	2,63	11,94	2,69
	25,0	9,49	2,52	9,93	2,57	10,37	2,62	10,58	2,65	11,24	2,73	11,68	2,79
	32,0	8,87	2,77	9,31	2,82	9,75	2,88	9,97	2,91	10,62	2,99	10,86	3,04
	35,0	8,61	2,89	9,04	2,94	9,48	3,00	9,70	3,02	10,36	3,10	10,79	3,16
	40,0	8,16	3,10	8,60	3,15	9,04	3,20	9,26	3,23	9,91	3,31	10,35	3,37
	43,0	7,90	3,23	8,33	3,23	8,76	3,23	8,96	3,23	9,58	3,23	9,98	3,23
	46,0	7,51	2,66	7,87	2,66	8,23	2,66	8,40	2,66	8,92	2,66	9,25	2,66
1.5+3.5+4.2+6.0	22,0	10,74	3,11	11,17	3,16	11,61	3,21	11,83	3,24	12,49	3,32	12,92	3,38
	25,0	10,47	3,21	10,91	3,26	11,35	3,31	11,56	3,34	12,22	3,42	12,66	3,48
	32,0	9,85	3,46	10,29	3,51	10,73	3,57	10,95	3,60	11,60	3,68	11,84	3,73
	35,0	9,59	3,58	10,02	3,63	10,46	3,69	10,68	3,71	11,34	3,79	11,77	3,85
	40,0	9,14	3,79	9,58	3,84	10,02	3,89	10,24	3,92	10,89	4,00	11,33	4,06
	43,0	8,88	3,92	9,31	3,92	9,74	3,92	9,94	3,92	10,56	3,92	10,96	3,92
	46,0	8,49	3,35	8,85	3,35	9,21	3,35	9,38	3,35	9,90	3,35	10,23	3,35
1.5+3.5+5.0+5.0	22,0	10,54	3,15	11,01	3,22	11,49	3,29	11,72	3,32	12,43	3,42	12,90	3,49
	25,0	10,25	3,28	10,73	3,34	11,20	3,41	11,44	3,44	12,14	3,55	12,62	3,61
	32,0	9,58	3,59	10,06	3,66	10,53	3,73	10,77	3,76	11,48	3,86	11,94	3,89
	35,0	9,30	3,73	9,77	3,73	10,24	3,73	10,47	3,73	11,15	3,73	11,59	3,73
	40,0	8,82	3,46	9,29	3,46	9,77	3,46	10,00	3,46	10,67	3,46	11,08	3,46
	43,0	8,73	3,31	9,01	3,31	9,48	3,31	9,72	3,31	10,41	3,31	10,80	3,31
	46,0	8,25	2,74	8,72	2,74	9,07	2,74	9,24	2,74	9,74	2,74	10,07	2,74
1.5+4.2+4.2+4.2	22,0	9,58	2,40	10,01	2,46	10,44	2,51	10,66	2,54	11,30	2,62	11,73	2,67
	25,0	9,32	2,50	9,75	2,55	10,18	2,61	10,40	2,63	11,04	2,72	11,47	2,77
	32,0	8,72	2,75	9,15	2,81	9,58	2,86	9,79	2,89	10,43	2,97	10,86	3,02
	35,0	8,46	2,87	8,89	2,92	9,32	2,98	9,53	3,00	9,87	3,08	10,60	3,14
	40,0	8,02	3,08	8,45	3,13	8,88	3,18	9,10	3,21	9,74	3,29	10,17	3,34
	43,0	7,76	3,21	8,19	3,24	8,61	3,24	8,82	3,24	9,42	3,24	9,82	3,24
	46,0	7,40	2,67	7,76	2,67	8,11	2,67	8,28	2,67	8,79	2,67	9,12	2,67
1.5+4.2+4.2+5.0	22,0	10,35	3,09	10,78	3,14	11,22	3,19	11,44	3,22	12,10	3,30	12,53	3,36
	25,0	10,08	3,19	10,52	3,24	10,96	3,29	11,17	3,32	11,83	3,40	12,27	3,46
	32,0	9,46	3,44	9,90	3,49	10,34	3,55	10,56	3,58	11,21	3,66	11,45	3,71
	35,0	9,20	3,56	9,63	3,61	10,07	3,67	10,29	3,69	10,95	3,77	11,38	3,83
	40,0	8,75	3,77	9,19	3,82	9,63	3,87	9,85	3,90	10,50	3,98	10,94	4,04
	43,0	8,49	3,90	8,92	3,90	9,35	3,90	9,55	3,90	10,17	3,90	10,57	3,90
	46,0	8,10	3,33	8,46	3,33	8,82	3,33	8,99	3,33	9,51	3,33	9,84	3,33

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+2.0	22,0	8,17	1,65	8,53	1,68	8,90	1,72	9,08	1,74	9,63	1,80	10,00	1,83
	25,0	7,94	1,72	8,31	1,75	8,68	1,79	8,86	1,81	9,41	1,86	9,78	1,90
	32,0	7,43	1,89	7,79	1,93	8,16	1,96	8,34	1,98	8,89	2,04	9,26	2,07
	35,0	7,20	1,97	7,57	2,01	7,94	2,04	8,12	2,06	8,67	2,12	9,04	2,16
	40,0	6,83	2,11	7,20	2,15	7,57	2,19	7,75	2,20	8,30	2,26	8,67	2,30
	43,0	6,61	2,20	6,98	2,24	7,34	2,28	7,53	2,30	8,08	2,35	8,44	2,39
	46,0	6,39	2,30	6,75	2,33	7,12	2,37	7,30	2,39	7,85	2,44	8,22	2,48
2.0+2.0+2.0+2.5	22,0	8,47	1,82	8,83	1,85	9,20	1,89	9,38	1,91	9,93	1,97	10,30	2,00
	25,0	8,24	1,89	8,61	1,92	8,98	1,96	9,16	1,98	9,71	2,03	10,08	2,07
	32,0	7,73	2,06	8,09	2,10	8,46	2,13	8,64	2,15	9,19	2,21	9,56	2,24
	35,0	7,50	2,14	7,87	2,18	8,24	2,21	8,42	2,23	8,97	2,29	9,34	2,33
	40,0	7,13	2,28	7,50	2,32	7,87	2,36	8,05	2,37	8,60	2,43	8,97	2,47
	43,0	6,91	2,37	7,28	2,41	7,64	2,45	7,83	2,47	8,38	2,52	8,74	2,56
	46,0	6,69	2,47	7,05	2,50	7,42	2,54	7,60	2,56	8,15	2,61	8,52	2,65
2.0+2.0+2.0+3.5	22,0	9,01	2,01	9,42	2,05	9,82	2,10	10,02	2,12	10,63	2,19	11,03	2,23
	25,0	8,77	2,09	9,17	2,14	9,58	2,18	9,78	2,20	10,38	2,27	10,79	2,32
	32,0	8,19	2,30	8,60	2,35	9,00	2,39	9,21	2,41	9,81	2,48	10,22	2,53
	35,0	7,95	2,40	8,35	2,45	8,76	2,49	8,96	2,51	9,57	2,58	9,97	2,63
	40,0	7,54	2,57	7,94	2,62	8,35	2,66	8,55	2,69	9,16	2,75	9,56	2,80
	43,0	7,29	2,68	7,70	2,73	8,10	2,77	8,31	2,80	8,91	2,86	9,32	2,91
	46,0	7,02	2,72	7,39	2,72	7,76	2,72	7,94	2,72	8,47	2,72	8,82	2,72
2.0+2.0+2.0+4.2	22,0	9,35	2,37	9,76	2,41	10,16	2,46	10,36	2,48	10,97	2,55	11,37	2,59
	25,0	9,11	2,45	9,51	2,50	9,92	2,54	10,12	2,56	10,72	2,63	11,13	2,68
	32,0	8,53	2,66	8,94	2,71	9,34	2,75	9,55	2,77	10,15	2,84	10,56	2,89
	35,0	8,29	2,76	8,69	2,81	9,10	2,85	9,30	2,87	9,91	2,94	10,31	2,99
	40,0	7,88	2,93	8,28	2,98	8,69	3,02	8,89	3,05	9,50	3,11	9,90	3,16
	43,0	7,63	3,04	8,04	3,09	8,44	3,13	8,65	3,16	9,25	3,22	9,66	3,27
	46,0	7,36	3,08	7,73	3,08	8,10	3,08	8,28	3,08	8,81	3,08	9,16	3,08
2.0+2.0+2.0+5.0	22,0	9,54	2,31	9,97	2,36	10,40	2,41	10,62	2,44	11,26	2,52	11,69	2,57
	25,0	9,28	2,41	9,71	2,46	10,14	2,51	10,36	2,54	11,00	2,61	11,43	2,67
	32,0	8,68	2,65	9,11	2,70	9,54	2,75	9,75	2,78	10,39	2,86	10,82	2,91
	35,0	8,42	2,76	8,85	2,82	9,28	2,87	9,49	2,89	10,13	2,97	10,56	3,02
	40,0	7,99	2,96	8,41	3,02	8,84	3,07	9,06	3,09	9,70	3,17	10,13	3,22
	43,0	7,73	3,09	8,15	3,14	8,58	3,19	8,80	3,22	9,42	3,24	9,82	3,24
	46,0	7,35	2,67	7,71	2,67	8,07	2,67	8,24	2,67	8,76	2,67	9,09	2,67
2.0+2.0+2.0+6.0	22,0	10,06	2,43	10,49	2,48	10,92	2,53	11,14	2,56	11,78	2,64	12,21	2,69
	25,0	9,80	2,53	10,23	2,58	10,66	2,63	10,88	2,66	11,52	2,73	11,95	2,79
	32,0	9,20	2,77	9,63	2,82	10,06	2,87	10,27	2,90	10,91	2,98	11,34	3,03
	35,0	8,94	2,88	9,37	2,94	9,80	2,99	10,01	3,01	10,65	3,09	11,08	3,14
	40,0	8,51	3,08	8,93	3,14	9,36	3,19	9,58	3,21	10,22	3,29	10,65	3,34
	43,0	8,25	3,21	8,67	3,26	9,10	3,31	9,32	3,34	9,94	3,36	10,34	3,36
	46,0	7,87	2,79	8,23	2,79	8,59	2,79	8,76	2,79	9,28	2,79	9,61	2,79

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104123

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+7.1	22,0	10,21	2,50	10,64	2,55	11,07	2,60	11,29	2,63	11,93	2,71	12,36	2,76
	25,0	9,95	2,60	10,38	2,65	10,81	2,70	11,03	2,73	11,67	2,80	12,10	2,86
	32,0	9,35	2,84	9,78	2,89	10,21	2,94	10,42	2,97	11,06	3,05	11,49	3,10
	35,0	9,09	2,95	9,52	3,01	9,95	3,06	10,16	3,08	10,80	3,16	11,23	3,21
	40,0	8,66	3,15	9,08	3,21	9,51	3,26	9,73	3,28	10,37	3,36	10,80	3,41
	43,0	8,40	3,28	8,82	3,33	9,25	3,38	9,47	3,41	10,09	3,43	10,49	3,43
	46,0	8,02	2,86	8,38	2,86	8,74	2,86	8,91	2,86	9,43	2,86	9,76	2,86
2.0+2.0+2.5+2.5	22,0	8,75	1,98	9,11	2,01	9,48	2,05	9,66	2,07	10,21	2,13	10,58	2,16
	25,0	8,52	2,05	8,89	2,08	9,26	2,12	9,44	2,14	9,99	2,19	10,36	2,23
	32,0	8,01	2,22	8,37	2,26	8,74	2,29	8,92	2,31	9,47	2,37	9,84	2,40
	35,0	7,78	2,30	8,15	2,34	8,52	2,37	8,70	2,39	9,25	2,45	9,62	2,49
	40,0	7,41	2,44	7,78	2,48	8,15	2,52	8,33	2,53	8,88	2,59	9,25	2,63
	43,0	7,19	2,53	7,56	2,57	7,92	2,61	8,11	2,63	8,66	2,68	9,02	2,72
	46,0	6,97	2,63	7,33	2,66	7,70	2,70	7,88	2,72	8,43	2,77	8,80	2,81
2.0+2.0+2.5+3.5	22,0	9,26	2,37	9,67	2,41	10,07	2,46	10,27	2,48	10,88	2,55	11,28	2,59
	25,0	9,02	2,45	9,42	2,50	9,83	2,54	10,03	2,56	10,63	2,63	11,04	2,68
	32,0	8,44	2,66	8,85	2,71	9,25	2,75	9,46	2,77	10,06	2,84	10,47	2,89
	35,0	8,20	2,76	8,60	2,81	9,01	2,85	9,21	2,87	9,82	2,94	10,22	2,99
	40,0	7,79	2,93	8,19	2,98	8,60	3,02	8,80	3,05	9,41	3,11	9,81	3,16
	43,0	7,54	3,04	7,95	3,09	8,35	3,13	8,56	3,16	9,16	3,22	9,57	3,27
	46,0	7,27	3,08	7,64	3,08	8,01	3,08	8,19	3,08	8,72	3,08	9,07	3,08
2.0+2.0+2.5+4.2	22,0	9,36	2,37	9,77	2,41	10,17	2,46	10,37	2,48	10,98	2,55	11,38	2,59
	25,0	9,12	2,45	9,52	2,50	9,93	2,54	10,13	2,56	10,73	2,63	11,14	2,68
	32,0	8,54	2,66	8,95	2,71	9,35	2,75	9,56	2,77	10,16	2,84	10,57	2,89
	35,0	8,30	2,76	8,70	2,81	9,11	2,85	9,31	2,87	9,92	2,94	10,32	2,99
	40,0	7,89	2,93	8,29	2,98	8,70	3,02	8,90	3,05	9,51	3,11	9,91	3,16
	43,0	7,64	3,04	8,05	3,09	8,45	3,13	8,66	3,16	9,26	3,22	9,67	3,27
	46,0	7,37	3,08	7,74	3,08	8,11	3,08	8,29	3,08	8,82	3,08	9,17	3,08
2.0+2.0+2.5+5.0	22,0	9,73	2,44	10,16	2,49	10,59	2,54	10,81	2,57	11,45	2,65	11,88	2,70
	25,0	9,47	2,54	9,90	2,59	10,33	2,64	10,55	2,67	11,19	2,74	11,62	2,80
	32,0	8,87	2,78	9,30	2,83	9,73	2,88	9,94	2,91	10,58	2,99	11,01	3,04
	35,0	8,61	2,89	9,04	2,95	9,47	3,00	9,68	3,02	10,32	3,10	10,75	3,15
	40,0	8,18	3,09	8,60	3,15	9,03	3,20	9,25	3,22	9,89	3,30	10,32	3,35
	43,0	7,92	3,22	8,34	3,27	8,77	3,32	8,99	3,35	9,61	3,37	10,01	3,37
	46,0	7,54	2,80	7,90	2,80	8,26	2,80	8,43	2,80	8,95	2,80	9,28	2,80
2.0+2.0+2.5+6.0	22,0	10,19	2,50	10,62	2,55	11,05	2,60	11,27	2,63	11,91	2,71	12,34	2,76
	25,0	9,93	2,60	10,36	2,65	10,79	2,70	11,01	2,73	11,65	2,80	12,08	2,86
	32,0	9,33	2,84	9,76	2,89	10,19	2,94	10,40	2,97	11,04	3,05	11,47	3,10
	35,0	9,07	2,95	9,50	3,01	9,93	3,06	10,14	3,08	10,78	3,16	11,21	3,21
	40,0	8,64	3,15	9,06	3,21	9,49	3,26	9,71	3,28	10,35	3,36	10,78	3,41
	43,0	8,38	3,28	8,80	3,33	9,23	3,38	9,45	3,41	10,07	3,43	10,47	3,43
	46,0	8,00	2,86	8,36	2,86	8,72	2,86	8,89	2,86	9,41	2,86	9,74	2,86

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.5+7.1	22,0	10,21	2,50	10,64	2,55	11,07	2,60	11,29	2,63	11,93	2,71	12,36	2,76
	25,0	9,95	2,60	10,38	2,65	10,81	2,70	11,03	2,73	11,67	2,80	12,10	2,86
	32,0	9,35	2,84	9,78	2,89	10,21	2,94	10,42	2,97	11,06	3,05	11,49	3,10
	35,0	9,09	2,95	9,52	3,01	9,95	3,06	10,16	3,08	10,80	3,16	11,23	3,21
	40,0	8,66	3,15	9,08	3,21	9,51	3,26	9,73	3,28	10,37	3,36	10,80	3,41
	43,0	8,40	3,28	8,82	3,33	9,25	3,38	9,47	3,41	10,09	3,43	10,49	3,43
	46,0	8,02	2,86	8,38	2,86	8,74	2,86	8,91	2,86	9,43	2,86	9,76	2,86
2.0+2.0+3.5+3.5	22,0	9,36	2,30	9,78	2,35	10,20	2,40	10,42	2,43	11,05	2,50	11,47	2,55
	25,0	9,11	2,39	9,53	2,44	9,95	2,49	10,16	2,52	10,79	2,60	11,21	2,65
	32,0	8,51	2,63	8,93	2,68	9,35	2,74	9,57	2,76	10,20	2,84	10,62	2,89
	35,0	8,26	2,74	8,68	2,80	9,10	2,85	9,31	2,87	9,94	2,95	10,36	3,00
	40,0	7,83	2,94	8,25	2,99	8,67	3,05	8,88	3,07	9,52	3,15	9,94	3,20
	43,0	7,58	3,07	8,00	3,12	8,42	3,17	8,63	3,20	9,25	3,25	9,65	3,25
	46,0	7,22	2,68	7,58	2,68	7,94	2,68	8,11	2,68	8,62	2,68	8,95	2,68
2.0+2.0+3.5+4.2	22,0	9,56	2,42	9,98	2,47	10,40	2,52	10,62	2,55	11,25	2,62	11,67	2,67
	25,0	9,31	2,51	9,73	2,56	10,15	2,61	10,36	2,64	10,99	2,72	11,41	2,77
	32,0	8,71	2,75	9,13	2,80	9,55	2,86	9,77	2,88	10,40	2,96	10,82	3,01
	35,0	8,46	2,86	8,88	2,92	9,30	2,97	9,51	2,99	10,14	3,07	10,56	3,12
	40,0	8,03	3,06	8,45	3,11	8,87	3,17	9,08	3,19	9,72	3,27	10,14	3,32
	43,0	7,78	3,19	8,20	3,24	8,62	3,29	8,83	3,32	9,45	3,37	9,85	3,37
	46,0	7,42	2,80	7,78	2,80	8,14	2,80	8,31	2,80	8,82	2,80	9,15	2,80
2.0+2.0+3.5+5.0	22,0	9,74	2,42	10,17	2,47	10,61	2,52	10,83	2,55	11,48	2,63	11,92	2,69
	25,0	9,47	2,52	9,91	2,57	10,35	2,62	10,56	2,65	11,22	2,73	11,66	2,79
	32,0	8,85	2,77	9,29	2,82	9,73	2,88	9,95	2,91	10,60	2,99	11,04	3,04
	35,0	8,59	2,89	9,02	2,94	9,46	3,00	9,68	3,02	10,34	3,10	10,77	3,16
	40,0	8,15	3,10	8,58	3,15	9,02	3,20	9,24	3,23	9,89	3,31	10,33	3,37
	43,0	7,88	3,23	8,31	3,23	8,74	3,23	8,95	3,23	9,56	3,23	9,96	3,23
	46,0	7,49	2,66	7,86	2,66	8,21	2,66	8,39	2,66	8,90	2,66	9,23	2,66
2.0+2.0+3.5+6.0	22,0	10,21	2,48	10,64	2,53	11,08	2,58	11,30	2,61	11,95	2,69	12,39	2,75
	25,0	9,94	2,58	10,38	2,63	10,82	2,68	11,03	2,71	11,69	2,79	12,13	2,85
	32,0	9,32	2,83	9,76	2,88	10,20	2,94	10,42	2,97	11,07	3,05	11,51	3,10
	35,0	9,06	2,95	9,49	3,00	9,93	3,06	10,15	3,08	10,81	3,16	11,24	3,22
	40,0	8,62	3,16	9,05	3,21	9,49	3,26	9,71	3,29	10,36	3,37	10,80	3,43
	43,0	8,35	3,29	8,78	3,29	9,21	3,29	9,42	3,29	10,03	3,29	10,43	3,29
	46,0	7,96	2,72	8,33	2,72	8,68	2,72	8,86	2,72	9,37	2,72	9,70	2,72
2.0+2.0+3.5+7.1	22,0	10,23	2,48	10,66	2,53	11,10	2,58	11,32	2,61	11,97	2,69	12,41	2,75
	25,0	9,96	2,58	10,40	2,63	10,84	2,68	11,05	2,71	11,71	2,79	12,15	2,85
	32,0	9,34	2,83	9,78	2,88	10,22	2,94	10,44	2,97	11,09	3,05	11,53	3,10
	35,0	9,08	2,95	9,51	3,00	9,95	3,06	10,17	3,08	10,83	3,16	11,26	3,22
	40,0	8,64	3,16	9,07	3,21	9,51	3,26	9,73	3,29	10,38	3,37	10,82	3,43
	43,0	8,37	3,29	8,80	3,29	9,23	3,29	9,44	3,29	10,05	3,29	10,45	3,29
	46,0	7,98	2,72	8,35	2,72	8,70	2,72	8,88	2,72	9,39	2,72	9,72	2,72

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104125

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+4.2+4.2	22,0	9,57	2,42	9,99	2,47	10,41	2,52	10,63	2,55	11,26	2,62	11,68	2,67
	25,0	9,32	2,51	9,74	2,56	10,16	2,61	10,37	2,64	11,00	2,72	11,42	2,77
	32,0	8,72	2,75	9,14	2,80	9,56	2,86	9,78	2,88	10,41	2,96	10,83	3,01
	35,0	8,47	2,86	8,89	2,92	9,31	2,97	9,52	2,99	10,15	3,07	10,57	3,12
	40,0	8,04	3,06	8,46	3,11	8,88	3,17	9,09	3,19	9,73	3,27	10,15	3,32
	43,0	7,79	3,19	8,21	3,24	8,63	3,29	8,84	3,32	9,46	3,37	9,86	3,37
	46,0	7,43	2,80	7,79	2,80	8,15	2,80	8,32	2,80	8,83	2,80	9,16	2,80
2.0+2.0+4.2+5.0	22,0	9,75	2,42	10,18	2,47	10,62	2,52	10,84	2,55	11,49	2,63	11,93	2,69
	25,0	9,48	2,52	9,92	2,57	10,36	2,62	10,57	2,65	11,23	2,73	11,67	2,79
	32,0	8,86	2,77	9,30	2,82	9,74	2,88	9,96	2,91	10,61	2,99	11,05	3,04
	35,0	8,60	2,89	9,03	2,94	9,47	3,00	9,69	3,02	10,35	3,10	10,78	3,16
	40,0	8,16	3,10	8,59	3,15	9,03	3,20	9,25	3,23	9,90	3,31	10,34	3,37
	43,0	7,89	3,23	8,32	3,23	8,75	3,23	8,96	3,23	9,57	3,23	9,97	3,23
	46,0	7,50	2,66	7,87	2,66	8,22	2,66	8,40	2,66	8,91	2,66	9,24	2,66
2.0+2.0+4.2+6.0	22,0	10,22	2,48	10,65	2,53	11,09	2,58	11,31	2,61	11,96	2,69	12,40	2,75
	25,0	9,95	2,58	10,39	2,63	10,83	2,68	11,04	2,71	11,70	2,79	12,14	2,85
	32,0	9,33	2,83	9,77	2,88	10,21	2,94	10,43	2,97	11,08	3,05	11,52	3,10
	35,0	9,07	2,95	9,50	3,00	9,94	3,06	10,16	3,08	10,82	3,16	11,25	3,22
	40,0	8,63	3,16	9,06	3,21	9,50	3,26	9,72	3,29	10,37	3,37	10,81	3,43
	43,0	8,36	3,29	8,79	3,29	9,22	3,29	9,43	3,29	10,04	3,29	10,44	3,29
	46,0	7,97	2,72	8,34	2,72	8,69	2,72	8,87	2,72	9,38	2,72	9,71	2,72
2.0+2.0+4.2+7.1	22,0	10,74	2,97	11,17	3,02	11,61	3,07	11,83	3,10	12,48	3,18	12,92	3,24
	25,0	10,47	3,07	10,91	3,12	11,35	3,17	11,56	3,20	12,22	3,28	12,66	3,34
	32,0	9,85	3,32	10,29	3,37	10,73	3,43	10,95	3,46	11,60	3,54	12,04	3,59
	35,0	9,59	3,44	10,02	3,49	10,46	3,55	10,68	3,57	11,34	3,65	11,77	3,71
	40,0	9,15	3,65	9,58	3,70	10,02	3,75	10,24	3,78	10,89	3,86	11,33	3,92
	43,0	8,88	3,78	9,31	3,78	9,74	3,78	9,95	3,78	10,56	3,78	10,96	3,78
	46,0	8,49	3,21	8,86	3,21	9,21	3,21	9,39	3,21	9,90	3,21	10,23	3,21
2.0+2.0+5.0+5.0	22,0	9,93	2,43	10,37	2,49	10,82	2,54	11,04	2,57	11,71	2,65	12,16	2,70
	25,0	9,66	2,53	10,10	2,59	10,55	2,64	10,77	2,67	11,44	2,75	11,89	2,81
	32,0	9,03	2,79	9,47	2,84	9,92	2,90	10,14	2,92	10,81	3,01	11,26	3,06
	35,0	8,76	2,91	9,20	2,96	9,65	3,02	9,87	3,04	10,54	3,13	10,98	3,18
	40,0	8,30	3,12	8,75	3,17	9,20	3,23	9,42	3,25	10,09	3,34	10,53	3,37
	43,0	8,03	3,22	8,47	3,22	8,90	3,22	9,01	3,22	9,73	3,22	10,13	3,22
	46,0	7,62	2,65	7,99	2,65	8,35	2,65	8,52	2,65	9,04	2,65	9,38	2,65
2.0+2.0+5.0+6.0	22,0	10,72	2,84	11,16	2,90	11,61	2,95	11,83	2,98	12,50	3,06	12,95	3,11
	25,0	10,45	2,94	10,89	3,00	11,34	3,05	11,56	3,08	12,23	3,16	12,68	3,22
	32,0	9,82	3,20	10,26	3,25	10,71	3,31	10,93	3,33	11,60	3,42	12,05	3,47
	35,0	9,55	3,32	9,99	3,37	10,44	3,43	10,66	3,45	11,33	3,54	11,77	3,59
	40,0	9,09	3,53	9,54	3,58	9,99	3,64	10,21	3,66	10,88	3,75	11,32	3,78
	43,0	8,82	3,63	9,26	3,63	9,69	3,63	9,80	3,63	10,52	3,63	10,92	3,63
	46,0	8,41	3,06	8,78	3,06	9,14	3,06	9,31	3,06	9,83	3,06	10,17	3,06

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+2.5+2.5	22,0	9,01	2,10	9,37	2,13	9,74	2,17	9,92	2,19	10,47	2,25	10,84	2,28
	25,0	8,78	2,17	9,15	2,20	9,52	2,24	9,70	2,26	10,25	2,31	10,62	2,35
	32,0	8,27	2,34	8,63	2,38	9,00	2,41	9,18	2,43	9,73	2,49	10,10	2,52
	35,0	8,04	2,42	8,41	2,46	8,78	2,49	8,96	2,51	9,51	2,57	9,88	2,61
	40,0	7,67	2,56	8,04	2,60	8,41	2,64	8,59	2,65	9,14	2,71	9,51	2,75
	43,0	7,45	2,65	7,82	2,69	8,18	2,73	8,37	2,75	8,92	2,80	9,28	2,84
	46,0	7,23	2,75	7,59	2,78	7,96	2,82	8,14	2,84	8,69	2,89	9,06	2,93
2.0+2.5+2.5+3.5	22,0	9,35	2,37	9,76	2,41	10,16	2,46	10,36	2,48	10,97	2,55	11,37	2,59
	25,0	9,11	2,45	9,51	2,50	9,92	2,54	10,12	2,56	10,72	2,63	11,13	2,68
	32,0	8,53	2,66	8,94	2,71	9,34	2,75	9,55	2,77	10,15	2,84	10,56	2,89
	35,0	8,29	2,76	8,69	2,81	9,10	2,85	9,30	2,87	9,91	2,94	10,31	2,99
	40,0	7,88	2,93	8,28	2,98	8,69	3,02	8,89	3,05	9,50	3,11	9,90	3,16
	43,0	7,63	3,04	8,04	3,09	8,44	3,13	8,65	3,16	9,25	3,22	9,66	3,27
	46,0	7,36	3,08	7,73	3,08	8,10	3,08	8,28	3,08	8,81	3,08	9,16	3,08
2.0+2.5+2.5+4.2	22,0	9,55	2,49	9,96	2,53	10,36	2,58	10,56	2,60	11,17	2,67	11,57	2,71
	25,0	9,31	2,57	9,71	2,62	10,12	2,66	10,32	2,68	10,92	2,75	11,33	2,80
	32,0	8,73	2,78	9,14	2,83	9,54	2,87	9,75	2,89	10,35	2,96	10,76	3,01
	35,0	8,49	2,88	8,89	2,93	9,30	2,97	9,50	2,99	10,11	3,06	10,51	3,11
	40,0	8,08	3,05	8,48	3,10	8,89	3,14	9,09	3,17	9,70	3,23	10,10	3,28
	43,0	7,83	3,16	8,24	3,21	8,64	3,25	8,85	3,28	9,45	3,34	9,86	3,39
	46,0	7,56	3,20	7,93	3,20	8,30	3,20	8,48	3,20	9,01	3,20	9,36	3,20
2.0+2.5+2.5+5.0	22,0	9,73	2,44	10,16	2,49	10,59	2,54	10,81	2,57	11,45	2,65	11,88	2,70
	25,0	9,47	2,54	9,90	2,59	10,33	2,64	10,55	2,67	11,19	2,74	11,62	2,80
	32,0	8,87	2,78	9,30	2,83	9,73	2,88	9,94	2,91	10,58	2,99	11,01	3,04
	35,0	8,61	2,89	9,04	2,95	9,47	3,00	9,68	3,02	10,32	3,10	10,75	3,15
	40,0	8,18	3,09	8,60	3,15	9,03	3,20	9,25	3,22	9,89	3,30	10,32	3,35
	43,0	7,92	3,22	8,34	3,27	8,77	3,32	8,99	3,35	9,61	3,37	10,01	3,37
	46,0	7,54	2,80	7,90	2,80	8,26	2,80	8,43	2,80	8,95	2,80	9,28	2,80
2.0+2.5+2.5+6.0	22,0	10,19	2,50	10,62	2,55	11,05	2,60	11,27	2,63	11,91	2,71	12,34	2,76
	25,0	9,93	2,60	10,36	2,65	10,79	2,70	11,01	2,73	11,65	2,80	12,08	2,86
	32,0	9,33	2,84	9,76	2,89	10,19	2,94	10,40	2,97	11,04	3,05	11,47	3,10
	35,0	9,07	2,95	9,50	3,01	9,93	3,06	10,14	3,08	10,78	3,16	11,21	3,21
	40,0	8,64	3,15	9,06	3,21	9,49	3,26	9,71	3,28	10,35	3,36	10,78	3,41
	43,0	8,38	3,28	8,80	3,33	9,23	3,38	9,45	3,41	10,07	3,43	10,47	3,43
	46,0	8,00	2,86	8,36	2,86	8,72	2,86	8,89	2,86	9,41	2,86	9,74	2,86
2.0+2.5+2.5+7.1	22,0	10,21	2,50	10,64	2,55	11,07	2,60	11,29	2,63	11,93	2,71	12,36	2,76
	25,0	9,95	2,60	10,38	2,65	10,81	2,70	11,03	2,73	11,67	2,80	12,10	2,86
	32,0	9,35	2,84	9,78	2,89	10,21	2,94	10,42	2,97	11,06	3,05	11,49	3,10
	35,0	9,09	2,95	9,52	3,01	9,95	3,06	10,16	3,08	10,80	3,16	11,23	3,21
	40,0	8,66	3,15	9,08	3,21	9,51	3,26	9,73	3,28	10,37	3,36	10,80	3,41
	43,0	8,40	3,28	8,82	3,33	9,25	3,38	9,47	3,41	10,09	3,43	10,49	3,43
	46,0	8,02	2,86	8,38	2,86	8,74	2,86	8,91	2,86	9,43	2,86	9,76	2,86

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104126

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+3.5+3.5	22,0	9,55	2,42	9,97	2,47	10,39	2,52	10,61	2,55	11,24	2,62	11,66	2,67
	25,0	9,30	2,51	9,72	2,56	10,14	2,61	10,35	2,64	10,98	2,72	11,40	2,77
	32,0	8,70	2,75	9,12	2,80	9,54	2,86	9,76	2,88	10,39	2,96	10,81	3,01
	35,0	8,45	2,86	8,87	2,92	9,29	2,97	9,50	2,99	10,13	3,07	10,55	3,12
	40,0	8,02	3,06	8,44	3,11	8,86	3,17	9,07	3,19	9,71	3,27	10,13	3,32
	43,0	7,77	3,19	8,19	3,24	8,61	3,29	8,82	3,32	9,44	3,37	9,84	3,37
	46,0	7,41	2,80	7,77	2,80	8,13	2,80	8,30	2,80	8,81	2,80	9,14	2,80
2.0+2.5+3.5+4.2	22,0	9,56	2,42	9,98	2,47	10,40	2,52	10,62	2,55	11,25	2,62	11,67	2,67
	25,0	9,31	2,51	9,73	2,56	10,15	2,61	10,36	2,64	10,99	2,72	11,41	2,77
	32,0	8,71	2,75	9,13	2,80	9,55	2,86	9,77	2,88	10,40	2,96	10,82	3,01
	35,0	8,46	2,86	8,88	2,92	9,30	2,97	9,51	2,99	10,14	3,07	10,56	3,12
	40,0	8,03	3,06	8,45	3,11	8,87	3,17	9,08	3,19	9,72	3,27	10,14	3,32
	43,0	7,78	3,19	8,20	3,24	8,62	3,29	8,83	3,32	9,45	3,37	9,85	3,37
	46,0	7,42	2,80	7,78	2,80	8,14	2,80	8,31	2,80	8,82	2,80	9,15	2,80
2.0+2.5+3.5+5.0	22,0	9,74	2,42	10,17	2,47	10,61	2,52	10,83	2,55	11,48	2,63	11,92	2,69
	25,0	9,47	2,52	9,91	2,57	10,35	2,62	10,56	2,65	11,22	2,73	11,66	2,79
	32,0	8,85	2,77	9,29	2,82	9,73	2,88	9,95	2,91	10,60	2,99	11,04	3,04
	35,0	8,59	2,89	9,02	2,94	9,46	3,00	9,68	3,02	10,34	3,10	10,77	3,16
	40,0	8,15	3,10	8,58	3,15	9,02	3,20	9,24	3,23	9,89	3,31	10,33	3,37
	43,0	7,88	3,23	8,31	3,23	8,74	3,23	8,95	3,23	9,56	3,23	9,96	3,23
	46,0	7,49	2,66	7,86	2,66	8,21	2,66	8,39	2,66	8,90	2,66	9,23	2,66
2.0+2.5+3.5+6.0	22,0	10,21	2,48	10,64	2,53	11,08	2,58	11,30	2,61	11,95	2,69	12,39	2,75
	25,0	9,94	2,58	10,38	2,63	10,82	2,68	11,03	2,71	11,69	2,79	12,13	2,85
	32,0	9,32	2,83	9,76	2,88	10,20	2,94	10,42	2,97	11,07	3,05	11,51	3,10
	35,0	9,06	2,95	9,49	3,00	9,93	3,06	10,15	3,08	10,81	3,16	11,24	3,22
	40,0	8,62	3,16	9,05	3,21	9,49	3,26	9,71	3,29	10,36	3,37	10,80	3,43
	43,0	8,35	3,29	8,78	3,29	9,21	3,29	9,42	3,29	10,03	3,29	10,43	3,29
	46,0	7,96	2,72	8,33	2,72	8,68	2,72	8,86	2,72	9,37	2,72	9,70	2,72
2.0+2.5+3.5+7.1	22,0	10,69	2,97	11,12	3,02	11,56	3,07	11,78	3,10	12,43	3,18	12,87	3,24
	25,0	10,42	3,07	10,86	3,12	11,30	3,17	11,51	3,20	12,17	3,28	12,61	3,34
	32,0	9,80	3,32	10,24	3,37	10,68	3,43	10,90	3,46	11,55	3,54	11,99	3,59
	35,0	9,54	3,44	9,97	3,49	10,41	3,55	10,63	3,57	11,29	3,65	11,72	3,71
	40,0	9,10	3,65	9,53	3,70	9,97	3,75	10,19	3,78	10,84	3,86	11,28	3,92
	43,0	8,83	3,78	9,26	3,78	9,69	3,78	9,90	3,78	10,51	3,78	10,91	3,78
	46,0	8,44	3,21	8,81	3,21	9,16	3,21	9,34	3,21	9,85	3,21	10,18	3,21
2.0+2.5+4.2+4.2	22,0	9,57	2,42	9,99	2,47	10,41	2,52	10,63	2,55	11,26	2,62	11,68	2,67
	25,0	9,32	2,51	9,74	2,56	10,16	2,61	10,37	2,64	11,00	2,72	11,42	2,77
	32,0	8,72	2,75	9,14	2,80	9,56	2,86	9,78	2,88	10,41	2,96	10,83	3,01
	35,0	8,47	2,86	8,89	2,92	9,31	2,97	9,52	2,99	10,15	3,07	10,57	3,12
	40,0	8,04	3,06	8,46	3,11	8,88	3,17	9,09	3,19	9,73	3,27	10,15	3,32
	43,0	7,79	3,19	8,21	3,24	8,63	3,29	8,84	3,32	9,46	3,37	9,86	3,37
	46,0	7,43	2,80	7,79	2,80	8,15	2,80	8,32	2,80	8,83	2,80	9,16	2,80

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+4.2+5.0	22,0	9,75	2,42	10,18	2,47	10,62	2,52	10,84	2,55	11,49	2,63	11,93	2,69
	25,0	9,48	2,52	9,92	2,57	10,36	2,62	10,57	2,65	11,23	2,73	11,67	2,79
	32,0	8,86	2,77	9,30	2,82	9,74	2,88	9,96	2,91	10,61	2,99	11,05	3,04
	35,0	8,60	2,89	9,03	2,94	9,47	3,00	9,69	3,02	10,35	3,10	10,78	3,16
	40,0	8,16	3,10	8,59	3,15	9,03	3,20	9,25	3,23	9,90	3,31	10,34	3,37
	43,0	7,89	3,23	8,32	3,23	8,75	3,23	8,96	3,23	9,57	3,23	9,97	3,23
	46,0	7,50	2,66	7,87	2,66	8,22	2,66	8,40	2,66	8,91	2,66	9,24	2,66
2.0+2.5+4.2+6.0	22,0	10,68	2,96	11,11	3,01	11,55	3,06	11,77	3,09	12,42	3,17	12,86	3,23
	25,0	10,41	3,06	10,85	3,11	11,29	3,16	11,50	3,19	12,16	3,27	12,60	3,33
	32,0	9,79	3,31	10,23	3,36	10,67	3,42	10,89	3,45	11,54	3,53	11,98	3,58
	35,0	9,53	3,43	9,96	3,48	10,40	3,54	10,62	3,56	11,28	3,64	11,71	3,70
	40,0	9,09	3,64	9,52	3,69	9,96	3,74	10,18	3,77	10,83	3,85	11,27	3,91
	43,0	8,82	3,77	9,25	3,77	9,68	3,77	9,89	3,77	10,50	3,77	10,90	3,77
	46,0	8,43	3,20	8,80	3,20	9,15	3,20	9,33	3,20	9,84	3,20	10,17	3,20
2.0+2.5+5.0+5.0	22,0	9,93	2,43	10,37	2,49	10,82	2,54	11,04	2,57	11,71	2,65	12,16	2,70
	25,0	9,66	2,53	10,10	2,59	10,55	2,64	10,77	2,67	11,44	2,75	11,89	2,81
	32,0	9,03	2,79	9,47	2,84	9,92	2,90	10,14	2,92	10,81	3,01	11,26	3,06
	35,0	8,76	2,91	9,20	2,96	9,65	3,02	9,87	3,04	10,54	3,13	10,98	3,18
	40,0	8,30	3,12	8,75	3,17	9,20	3,23	9,42	3,25	10,09	3,34	10,53	3,37
	43,0	8,03	3,22	8,47	3,22	8,90	3,22	9,01	3,22	9,73	3,22	10,13	3,22
	46,0	7,62	2,65	7,99	2,65	8,35	2,65	8,52	2,65	9,04	2,65	9,38	2,65
2.0+2.5+5.0+6.0	22,0	10,76	2,91	11,20	2,97	11,65	3,02	11,87	3,05	12,54	3,13	12,99	3,18
	25,0	10,49	3,01	10,93	3,07	11,38	3,12	11,60	3,15	12,27	3,23	12,72	3,29
	32,0	9,86	3,27	10,30	3,32	10,75	3,38	10,97	3,40	11,64	3,49	12,09	3,54
	35,0	9,59	3,39	10,03	3,44	10,48	3,50	10,70	3,52	11,37	3,61	11,81	3,66
	40,0	9,13	3,60	9,58	3,65	10,03	3,71	10,25	3,73	10,92	3,82	11,36	3,85
	43,0	8,86	3,70	9,30	3,70	9,73	3,70	9,84	3,70	10,56	3,70	10,96	3,70
	46,0	8,45	3,13	8,82	3,13	9,18	3,13	9,35	3,13	9,87	3,13	10,21	3,13
2.0+3.5+3.5+3.5	22,0	9,56	2,39	9,99	2,45	10,42	2,50	10,64	2,53	11,28	2,61	11,71	2,66
	25,0	9,30	2,49	9,73	2,54	10,16	2,60	10,38	2,62	11,02	2,71	11,45	2,76
	32,0	8,70	2,74	9,13	2,80	9,56	2,85	9,77	2,88	10,41	2,96	10,84	3,01
	35,0	8,44	2,86	8,87	2,91	9,30	2,97	9,51	2,99	9,85	3,07	10,58	3,13
	40,0	8,00	3,07	8,43	3,12	8,86	3,17	9,08	3,20	9,72	3,28	10,15	3,33
	43,0	7,74	3,20	8,17	3,23	8,59	3,23	8,80	3,23	9,40	3,23	9,80	3,23
	46,0	7,38	2,66	7,74	2,66	8,09	2,66	8,26	2,66	8,77	2,66	9,10	2,66
2.0+3.5+3.5+4.2	22,0	9,57	2,39	10,00	2,45	10,43	2,50	10,65	2,53	11,29	2,61	11,72	2,66
	25,0	9,31	2,49	9,74	2,54	10,17	2,60	10,39	2,62	11,03	2,71	11,46	2,76
	32,0	8,71	2,74	9,14	2,80	9,57	2,85	9,78	2,88	10,42	2,96	10,85	3,01
	35,0	8,45	2,86	8,88	2,91	9,31	2,97	9,52	2,99	9,86	3,07	10,59	3,13
	40,0	8,01	3,07	8,44	3,12	8,87	3,17	9,09	3,20	9,73	3,28	10,16	3,33
	43,0	7,75	3,20	8,18	3,23	8,60	3,23	8,81	3,23	9,41	3,23	9,81	3,23
	46,0	7,39	2,66	7,75	2,66	8,10	2,66	8,27	2,66	8,78	2,66	9,11	2,66

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104127

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+3.5+3.5+5.0	22,0	9,75	2,42	10,18	2,47	10,62	2,52	10,84	2,55	11,50	2,63	11,93	2,69
	25,0	9,48	2,52	9,92	2,57	10,36	2,62	10,57	2,65	11,23	2,73	11,67	2,79
	32,0	8,86	2,77	9,30	2,82	9,74	2,88	9,96	2,91	10,61	2,99	10,85	3,04
	35,0	8,60	2,89	9,03	2,94	9,47	3,00	9,69	3,02	10,35	3,10	10,78	3,16
	40,0	8,15	3,10	8,59	3,15	9,03	3,20	9,25	3,23	9,90	3,31	10,34	3,37
	43,0	7,89	3,23	8,32	3,23	8,75	3,23	8,95	3,23	9,57	3,23	9,97	3,23
	46,0	7,50	2,66	7,86	2,66	8,22	2,66	8,39	2,66	8,91	2,66	9,24	2,66
2.0+3.5+3.5+6.0	22,0	10,67	2,97	11,10	3,02	11,54	3,07	11,76	3,10	12,42	3,18	12,85	3,24
	25,0	10,40	3,07	10,84	3,12	11,28	3,17	11,49	3,20	12,15	3,28	12,59	3,34
	32,0	9,78	3,32	10,22	3,37	10,66	3,43	10,88	3,46	11,53	3,54	11,77	3,59
	35,0	9,52	3,44	9,95	3,49	10,39	3,55	10,61	3,57	11,27	3,65	11,70	3,71
	40,0	9,07	3,65	9,51	3,70	9,95	3,75	10,17	3,78	10,82	3,86	11,26	3,92
	43,0	8,81	3,78	9,24	3,78	9,67	3,78	9,87	3,78	10,49	3,78	10,89	3,78
	46,0	8,42	3,21	8,78	3,21	9,14	3,21	9,31	3,21	9,83	3,21	10,16	3,21
2.0+3.5+4.2+4.2	22,0	9,57	2,40	10,00	2,46	10,43	2,51	10,65	2,54	11,29	2,62	11,72	2,67
	25,0	9,31	2,50	9,74	2,55	10,17	2,61	10,39	2,63	11,03	2,72	11,46	2,77
	32,0	8,71	2,75	9,14	2,81	9,57	2,86	9,78	2,89	10,42	2,97	10,85	3,02
	35,0	8,45	2,87	8,88	2,92	9,31	2,98	9,52	3,00	9,86	3,08	10,59	3,14
	40,0	8,01	3,08	8,44	3,13	8,87	3,18	9,09	3,21	9,73	3,29	10,16	3,34
	43,0	7,75	3,21	8,18	3,24	8,60	3,24	8,81	3,24	9,41	3,24	9,81	3,24
	46,0	7,39	2,67	7,75	2,67	8,10	2,67	8,27	2,67	8,78	2,67	9,11	2,67
2.0+3.5+4.2+5.0	22,0	10,26	2,95	10,69	3,00	11,13	3,05	11,35	3,08	12,01	3,16	12,44	3,22
	25,0	9,99	3,05	10,43	3,10	10,87	3,15	11,08	3,18	11,74	3,26	12,18	3,32
	32,0	9,37	3,30	9,81	3,35	10,25	3,41	10,47	3,44	11,12	3,52	11,36	3,57
	35,0	9,11	3,42	9,54	3,47	9,98	3,53	10,20	3,55	10,86	3,63	11,29	3,69
	40,0	8,66	3,63	9,10	3,68	9,54	3,73	9,76	3,76	10,41	3,84	10,85	3,90
	43,0	8,40	3,76	8,83	3,76	9,26	3,76	9,46	3,76	10,08	3,76	10,48	3,76
	46,0	8,01	3,19	8,37	3,19	8,73	3,19	8,90	3,19	9,42	3,19	9,75	3,19
2.0+3.5+5.0+5.0	22,0	10,54	3,15	11,01	3,22	11,49	3,29	11,72	3,32	12,43	3,42	12,90	3,49
	25,0	10,25	3,28	10,73	3,34	11,20	3,41	11,44	3,44	12,14	3,55	12,62	3,61
	32,0	9,58	3,59	10,06	3,66	10,53	3,73	10,77	3,76	11,48	3,86	11,94	3,89
	35,0	9,30	3,73	9,77	3,73	10,24	3,73	10,47	3,73	11,15	3,73	11,59	3,73
	40,0	8,82	3,46	9,29	3,46	9,77	3,46	10,00	3,46	10,67	3,46	11,08	3,46
	43,0	8,73	3,31	9,01	3,31	9,48	3,31	9,72	3,31	10,41	3,31	10,80	3,31
	46,0	8,25	2,74	8,72	2,74	9,07	2,74	9,24	2,74	9,74	2,74	10,07	2,74
2.0+4.2+4.2+4.2	22,0	9,58	2,40	10,01	2,46	10,44	2,51	10,66	2,54	11,30	2,62	11,73	2,67
	25,0	9,32	2,50	9,75	2,55	10,18	2,61	10,40	2,63	11,04	2,72	11,47	2,77
	32,0	8,72	2,75	9,15	2,81	9,58	2,86	9,79	2,89	10,43	2,97	10,86	3,02
	35,0	8,46	2,87	8,89	2,92	9,32	2,98	9,53	3,00	9,87	3,08	10,60	3,14
	40,0	8,02	3,08	8,45	3,13	8,88	3,18	9,10	3,21	9,74	3,29	10,17	3,34
	43,0	7,76	3,21	8,19	3,24	8,61	3,24	8,82	3,24	9,42	3,24	9,82	3,24
	46,0	7,40	2,67	7,76	2,67	8,11	2,67	8,28	2,67	8,79	2,67	9,12	2,67

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+4.2+4.2+5.0	22,0	10,27	2,95	10,70	3,00	11,14	3,05	11,36	3,08	12,02	3,16	12,45	3,22
	25,0	10,00	3,05	10,44	3,10	10,88	3,15	11,09	3,18	11,75	3,26	12,19	3,32
	32,0	9,38	3,30	9,82	3,35	10,26	3,41	10,48	3,44	11,13	3,52	11,37	3,57
	35,0	9,12	3,42	9,55	3,47	9,99	3,53	10,21	3,55	10,87	3,63	11,30	3,69
	40,0	8,67	3,63	9,11	3,68	9,55	3,73	9,77	3,76	10,42	3,84	10,86	3,90
	43,0	8,41	3,76	8,84	3,76	9,27	3,76	9,47	3,76	10,09	3,76	10,49	3,76
	46,0	8,02	3,19	8,38	3,19	8,74	3,19	8,91	3,19	9,43	3,19	9,76	3,19
2.5+2.5+2.5+2.5	22,0	9,26	2,46	9,62	2,49	9,99	2,53	10,17	2,55	10,72	2,61	11,09	2,64
	25,0	9,03	2,53	9,40	2,56	9,77	2,60	9,95	2,62	10,50	2,67	10,87	2,71
	32,0	8,52	2,70	8,88	2,74	9,25	2,77	9,43	2,79	9,98	2,85	10,35	2,88
	35,0	8,29	2,78	8,66	2,82	9,03	2,85	9,21	2,87	9,76	2,93	10,13	2,97
	40,0	7,92	2,92	8,29	2,96	8,66	3,00	8,84	3,01	9,39	3,07	9,76	3,11
	43,0	7,70	3,01	8,07	3,05	8,43	3,09	8,62	3,11	9,17	3,16	9,53	3,20
	46,0	7,48	3,11	7,84	3,14	8,21	3,18	8,39	3,20	8,94	3,25	9,31	3,29
2.5+2.5+2.5+3.5	22,0	9,35	2,37	9,76	2,41	10,16	2,46	10,36	2,48	10,97	2,55	11,37	2,59
	25,0	9,11	2,45	9,51	2,50	9,92	2,54	10,12	2,56	10,72	2,63	11,13	2,68
	32,0	8,53	2,66	8,94	2,71	9,34	2,75	9,55	2,77	10,15	2,84	10,56	2,89
	35,0	8,29	2,76	8,69	2,81	9,10	2,85	9,30	2,87	9,91	2,94	10,31	2,99
	40,0	7,88	2,93	8,28	2,98	8,69	3,02	8,89	3,05	9,50	3,11	9,90	3,16
	43,0	7,63	3,04	8,04	3,09	8,44	3,13	8,65	3,16	9,25	3,22	9,66	3,27
	46,0	7,36	3,08	7,73	3,08	8,10	3,08	8,28	3,08	8,81	3,08	9,16	3,08
2.5+2.5+2.5+4.2	22,0	9,55	2,49	9,96	2,53	10,36	2,58	10,56	2,60	11,17	2,67	11,57	2,71
	25,0	9,31	2,57	9,71	2,62	10,12	2,66	10,32	2,68	10,92	2,75	11,33	2,80
	32,0	8,73	2,78	9,14	2,83	9,54	2,87	9,75	2,89	10,35	2,96	10,76	3,01
	35,0	8,49	2,88	8,89	2,93	9,30	2,97	9,50	2,99	10,11	3,06	10,51	3,11
	40,0	8,08	3,05	8,48	3,10	8,89	3,14	9,09	3,17	9,70	3,23	10,10	3,28
	43,0	7,83	3,16	8,24	3,21	8,64	3,25	8,85	3,28	9,45	3,34	9,86	3,39
	46,0	7,56	3,20	7,93	3,20	8,30	3,20	8,48	3,20	9,01	3,20	9,36	3,20
2.5+2.5+2.5+5.0	22,0	9,73	2,44	10,16	2,49	10,59	2,54	10,81	2,57	11,45	2,65	11,88	2,70
	25,0	9,47	2,54	9,90	2,59	10,33	2,64	10,55	2,67	11,19	2,74	11,62	2,80
	32,0	8,87	2,78	9,30	2,83	9,73	2,88	9,94	2,91	10,58	2,99	11,01	3,04
	35,0	8,61	2,89	9,04	2,95	9,47	3,00	9,68	3,02	10,32	3,10	10,75	3,15
	40,0	8,18	3,09	8,60	3,15	9,03	3,20	9,25	3,22	9,89	3,30	10,32	3,35
	43,0	7,92	3,22	8,34	3,27	8,77	3,32	8,99	3,35	9,61	3,37	10,01	3,37
	46,0	7,54	2,80	7,90	2,80	8,26	2,80	8,43	2,80	8,95	2,80	9,28	2,80
2.5+2.5+2.5+6.0	22,0	10,19	2,50	10,62	2,55	11,05	2,60	11,27	2,63	11,91	2,71	12,34	2,76
	25,0	9,93	2,60	10,36	2,65	10,79	2,70	11,01	2,73	11,65	2,80	12,08	2,86
	32,0	9,33	2,84	9,76	2,89	10,19	2,94	10,40	2,97	11,04	3,05	11,47	3,10
	35,0	9,07	2,95	9,50	3,01	9,93	3,06	10,14	3,08	10,78	3,16	11,21	3,21
	40,0	8,64	3,15	9,06	3,21	9,49	3,26	9,71	3,28	10,35	3,36	10,78	3,41
	43,0	8,38	3,28	8,80	3,33	9,23	3,38	9,45	3,41	10,07	3,43	10,47	3,43
	46,0	8,00	2,86	8,36	2,86	8,72	2,86	8,89	2,86	9,41	2,86	9,74	2,86

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104128

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+2.5+2.5+7.1	22,0	10,21	2,50	10,64	2,55	11,07	2,60	11,29	2,63	11,93	2,71	12,36	2,76
	25,0	9,95	2,60	10,38	2,65	10,81	2,70	11,03	2,73	11,67	2,80	12,10	2,86
	32,0	9,35	2,84	9,78	2,89	10,21	2,94	10,42	2,97	11,06	3,05	11,49	3,10
	35,0	9,09	2,95	9,52	3,01	9,95	3,06	10,16	3,08	10,80	3,16	11,23	3,21
	40,0	8,66	3,15	9,08	3,21	9,51	3,26	9,73	3,28	10,37	3,36	10,80	3,41
	43,0	8,40	3,28	8,82	3,33	9,25	3,38	9,47	3,41	10,09	3,43	10,49	3,43
	46,0	8,02	2,86	8,38	2,86	8,74	2,86	8,91	2,86	9,43	2,86	9,76	2,86
2.5+2.5+3.5+3.5	22,0	9,55	2,42	9,97	2,47	10,39	2,52	10,61	2,55	11,24	2,62	11,66	2,67
	25,0	9,30	2,51	9,72	2,56	10,14	2,61	10,35	2,64	10,98	2,72	11,40	2,77
	32,0	8,70	2,75	9,12	2,80	9,54	2,86	9,76	2,88	10,39	2,96	10,81	3,01
	35,0	8,45	2,86	8,87	2,92	9,29	2,97	9,50	2,99	10,13	3,07	10,55	3,12
	40,0	8,02	3,06	8,44	3,11	8,86	3,17	9,07	3,19	9,71	3,27	10,13	3,32
	43,0	7,77	3,19	8,19	3,24	8,61	3,29	8,82	3,32	9,44	3,37	9,84	3,37
	46,0	7,41	2,80	7,77	2,80	8,13	2,80	8,30	2,80	8,81	2,80	9,14	2,80
2.5+2.5+3.5+4.2	22,0	9,56	2,42	9,98	2,47	10,40	2,52	10,62	2,55	11,25	2,62	11,67	2,67
	25,0	9,31	2,51	9,73	2,56	10,15	2,61	10,36	2,64	10,99	2,72	11,41	2,77
	32,0	8,71	2,75	9,13	2,80	9,55	2,86	9,77	2,88	10,40	2,96	10,82	3,01
	35,0	8,46	2,86	8,88	2,92	9,30	2,97	9,51	2,99	10,14	3,07	10,56	3,12
	40,0	8,03	3,06	8,45	3,11	8,87	3,17	9,08	3,19	9,72	3,27	10,14	3,32
	43,0	7,78	3,19	8,20	3,24	8,62	3,29	8,83	3,32	9,45	3,37	9,85	3,37
	46,0	7,42	2,80	7,78	2,80	8,14	2,80	8,31	2,80	8,82	2,80	9,15	2,80
2.5+2.5+3.5+5.0	22,0	9,74	2,42	10,17	2,47	10,61	2,52	10,83	2,55	11,48	2,63	11,92	2,69
	25,0	9,47	2,52	9,91	2,57	10,35	2,62	10,56	2,65	11,22	2,73	11,66	2,79
	32,0	8,85	2,77	9,29	2,82	9,73	2,88	9,95	2,91	10,60	2,99	11,04	3,04
	35,0	8,59	2,89	9,02	2,94	9,46	3,00	9,68	3,02	10,34	3,10	10,77	3,16
	40,0	8,15	3,10	8,58	3,15	9,02	3,20	9,24	3,23	9,89	3,31	10,33	3,37
	43,0	7,88	3,23	8,31	3,23	8,74	3,23	8,95	3,23	9,56	3,23	9,96	3,23
	46,0	7,49	2,66	7,86	2,66	8,21	2,66	8,39	2,66	8,90	2,66	9,23	2,66
2.5+2.5+3.5+6.0	22,0	10,21	2,48	10,64	2,53	11,08	2,58	11,30	2,61	11,95	2,69	12,39	2,75
	25,0	9,94	2,58	10,38	2,63	10,82	2,68	11,03	2,71	11,69	2,79	12,13	2,85
	32,0	9,32	2,83	9,76	2,88	10,20	2,94	10,42	2,97	11,07	3,05	11,51	3,10
	35,0	9,06	2,95	9,49	3,00	9,93	3,06	10,15	3,08	10,81	3,16	11,24	3,22
	40,0	8,62	3,16	9,05	3,21	9,49	3,26	9,71	3,29	10,36	3,37	10,80	3,43
	43,0	8,35	3,29	8,78	3,29	9,21	3,29	9,42	3,29	10,03	3,29	10,43	3,29
	46,0	7,96	2,72	8,33	2,72	8,68	2,72	8,86	2,72	9,37	2,72	9,70	2,72
2.5+2.5+3.5+7.1	22,0	10,69	2,97	11,12	3,02	11,56	3,07	11,78	3,10	12,43	3,18	12,87	3,24
	25,0	10,42	3,07	10,86	3,12	11,30	3,17	11,51	3,20	12,17	3,28	12,61	3,34
	32,0	9,80	3,32	10,24	3,37	10,68	3,43	10,90	3,46	11,55	3,54	11,99	3,59
	35,0	9,54	3,44	9,97	3,49	10,41	3,55	10,63	3,57	11,29	3,65	11,72	3,71
	40,0	9,10	3,65	9,53	3,70	9,97	3,75	10,19	3,78	10,84	3,86	11,28	3,92
	43,0	8,83	3,78	9,26	3,78	9,69	3,78	9,90	3,78	10,51	3,78	10,91	3,78
	46,0	8,44	3,21	8,81	3,21	9,16	3,21	9,34	3,21	9,85	3,21	10,18	3,21

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+2.5+4.2+4.2	22,0	9,57	2,42	9,99	2,47	10,41	2,52	10,63	2,55	11,26	2,62	11,68	2,67
	25,0	9,32	2,51	9,74	2,56	10,16	2,61	10,37	2,64	11,00	2,72	11,42	2,77
	32,0	8,72	2,75	9,14	2,80	9,56	2,86	9,78	2,88	10,41	2,96	10,83	3,01
	35,0	8,47	2,86	8,89	2,92	9,31	2,97	9,52	2,99	10,15	3,07	10,57	3,12
	40,0	8,04	3,06	8,46	3,11	8,88	3,17	9,09	3,19	9,73	3,27	10,15	3,32
	43,0	7,79	3,19	8,21	3,24	8,63	3,29	8,84	3,32	9,46	3,37	9,86	3,37
	46,0	7,43	2,80	7,79	2,80	8,15	2,80	8,32	2,80	8,83	2,80	9,16	2,80
2.5+2.5+4.2+5.0	22,0	9,75	2,42	10,18	2,47	10,62	2,52	10,84	2,55	11,49	2,63	11,93	2,69
	25,0	9,48	2,52	9,92	2,57	10,36	2,62	10,57	2,65	11,23	2,73	11,67	2,79
	32,0	8,86	2,77	9,30	2,82	9,74	2,88	9,96	2,91	10,61	2,99	11,05	3,04
	35,0	8,60	2,89	9,03	2,94	9,47	3,00	9,69	3,02	10,35	3,10	10,78	3,16
	40,0	8,16	3,10	8,59	3,15	9,03	3,20	9,25	3,23	9,90	3,31	10,34	3,37
	43,0	7,89	3,23	8,32	3,23	8,75	3,23	8,96	3,23	9,57	3,23	9,97	3,23
	46,0	7,50	2,66	7,87	2,66	8,22	2,66	8,40	2,66	8,91	2,66	9,24	2,66
2.5+2.5+4.2+6.0	22,0	10,74	2,96	11,17	3,01	11,61	3,06	11,83	3,09	12,48	3,17	12,92	3,23
	25,0	10,47	3,06	10,91	3,11	11,35	3,16	11,56	3,19	12,22	3,27	12,66	3,33
	32,0	9,85	3,31	10,29	3,36	10,73	3,42	10,95	3,45	11,60	3,53	12,04	3,58
	35,0	9,59	3,43	10,02	3,48	10,46	3,54	10,68	3,56	11,34	3,64	11,77	3,70
	40,0	9,15	3,64	9,58	3,69	10,02	3,74	10,24	3,77	10,89	3,85	11,33	3,91
	43,0	8,88	3,77	9,31	3,77	9,74	3,77	9,95	3,77	10,56	3,77	10,96	3,77
	46,0	8,49	3,20	8,86	3,20	9,21	3,20	9,39	3,20	9,90	3,20	10,23	3,20
2.5+2.5+5.0+5.0	22,0	10,52	3,11	10,96	3,17	11,41	3,22	11,63	3,25	12,30	3,33	12,75	3,38
	25,0	10,25	3,21	10,69	3,27	11,14	3,32	11,36	3,35	12,03	3,43	12,48	3,49
	32,0	9,62	3,47	10,06	3,52	10,51	3,58	10,73	3,60	11,40	3,69	11,85	3,74
	35,0	9,35	3,59	9,79	3,64	10,24	3,70	10,46	3,72	11,13	3,81	11,57	3,86
	40,0	8,89	3,80	9,34	3,85	9,79	3,91	10,01	3,93	10,68	4,02	11,12	4,05
	43,0	8,62	3,90	9,06	3,90	9,49	3,90	9,60	3,90	10,32	3,90	10,72	3,90
	46,0	8,21	3,33	8,58	3,33	8,94	3,33	9,11	3,33	9,63	3,33	9,97	3,33
2.5+3.5+3.5+3.5	22,0	9,58	2,39	10,01	2,45	10,44	2,50	10,66	2,53	11,30	2,61	11,73	2,66
	25,0	9,32	2,49	9,75	2,54	10,18	2,60	10,40	2,62	11,04	2,71	11,47	2,76
	32,0	8,72	2,74	9,15	2,80	9,58	2,85	9,79	2,88	10,43	2,96	10,86	3,01
	35,0	8,46	2,86	8,89	2,91	9,32	2,97	9,53	2,99	9,87	3,07	10,60	3,13
	40,0	8,02	3,07	8,45	3,12	8,88	3,17	9,10	3,20	9,74	3,28	10,17	3,33
	43,0	7,76	3,20	8,19	3,23	8,61	3,23	8,82	3,23	9,42	3,23	9,82	3,23
	46,0	7,40	2,66	7,76	2,66	8,11	2,66	8,28	2,66	8,79	2,66	9,12	2,66
2.5+3.5+3.5+4.2	22,0	9,57	2,39	10,00	2,45	10,43	2,50	10,65	2,53	11,29	2,61	11,72	2,66
	25,0	9,31	2,49	9,74	2,54	10,17	2,60	10,39	2,62	11,03	2,71	11,46	2,76
	32,0	8,71	2,74	9,14	2,80	9,57	2,85	9,78	2,88	10,42	2,96	10,85	3,01
	35,0	8,45	2,86	8,88	2,91	9,31	2,97	9,52	2,99	9,86	3,07	10,59	3,13
	40,0	8,01	3,07	8,44	3,12	8,87	3,17	9,09	3,20	9,73	3,28	10,16	3,33
	43,0	7,75	3,20	8,18	3,23	8,60	3,23	8,81	3,23	9,41	3,23	9,81	3,23
	46,0	7,39	2,66	7,75	2,66	8,10	2,66	8,27	2,66	8,78	2,66	9,11	2,66

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104129

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+3.5+3.5+5.0	22,0	9,75	2,42	10,18	2,47	10,62	2,52	10,84	2,55	11,50	2,63	11,93	2,69
	25,0	9,48	2,52	9,92	2,57	10,36	2,62	10,57	2,65	11,23	2,73	11,67	2,79
	32,0	8,86	2,77	9,30	2,82	9,74	2,88	9,96	2,91	10,61	2,99	10,85	3,04
	35,0	8,60	2,89	9,03	2,94	9,47	3,00	9,69	3,02	10,35	3,10	10,78	3,16
	40,0	8,15	3,10	8,59	3,15	9,03	3,20	9,25	3,23	9,90	3,31	10,34	3,37
	43,0	7,89	3,23	8,32	3,23	8,75	3,23	8,95	3,23	9,57	3,23	9,97	3,23
	46,0	7,50	2,66	7,86	2,66	8,22	2,66	8,39	2,66	8,91	2,66	9,24	2,66
2.5+3.5+3.5+6.0	22,0	10,67	2,97	11,10	3,02	11,54	3,07	11,76	3,10	12,42	3,18	12,85	3,24
	25,0	10,40	3,07	10,84	3,12	11,28	3,17	11,49	3,20	12,15	3,28	12,59	3,34
	32,0	9,78	3,32	10,22	3,37	10,66	3,43	10,88	3,46	11,53	3,54	11,77	3,59
	35,0	9,52	3,44	9,95	3,49	10,39	3,55	10,61	3,57	11,27	3,65	11,70	3,71
	40,0	9,07	3,65	9,51	3,70	9,95	3,75	10,17	3,78	10,82	3,86	11,26	3,92
	43,0	8,81	3,78	9,24	3,78	9,67	3,78	9,87	3,78	10,49	3,78	10,89	3,78
	46,0	8,42	3,21	8,78	3,21	9,14	3,21	9,31	3,21	9,83	3,21	10,16	3,21
2.5+3.5+4.2+4.2	22,0	9,57	2,40	10,00	2,46	10,43	2,51	10,65	2,54	11,29	2,62	11,72	2,67
	25,0	9,31	2,50	9,74	2,55	10,17	2,61	10,39	2,63	11,03	2,72	11,46	2,77
	32,0	8,71	2,75	9,14	2,81	9,57	2,86	9,78	2,89	10,42	2,97	10,85	3,02
	35,0	8,45	2,87	8,88	2,92	9,31	2,98	9,52	3,00	9,86	3,08	10,59	3,14
	40,0	8,01	3,08	8,44	3,13	8,87	3,18	9,09	3,21	9,73	3,29	10,16	3,34
	43,0	7,75	3,21	8,18	3,24	8,60	3,24	8,81	3,24	9,41	3,24	9,81	3,24
	46,0	7,39	2,67	7,75	2,67	8,10	2,67	8,27	2,67	8,78	2,67	9,11	2,67
2.5+3.5+4.2+5.0	22,0	10,26	2,95	10,69	3,00	11,13	3,05	11,35	3,08	12,01	3,16	12,44	3,22
	25,0	9,99	3,05	10,43	3,10	10,87	3,15	11,08	3,18	11,74	3,26	12,18	3,32
	32,0	9,37	3,30	9,81	3,35	10,25	3,41	10,47	3,44	11,12	3,52	11,36	3,57
	35,0	9,11	3,42	9,54	3,47	9,98	3,53	10,20	3,55	10,86	3,63	11,29	3,69
	40,0	8,66	3,63	9,10	3,68	9,54	3,73	9,76	3,76	10,41	3,84	10,85	3,90
	43,0	8,40	3,76	8,83	3,76	9,26	3,76	9,46	3,76	10,08	3,76	10,48	3,76
	46,0	8,01	3,19	8,37	3,19	8,73	3,19	8,90	3,19	9,42	3,19	9,75	3,19
2.5+4.2+4.2+4.2	22,0	10,08	2,92	10,51	2,98	10,94	3,03	11,16	3,06	11,80	3,14	12,23	3,19
	25,0	9,82	3,02	10,25	3,07	10,68	3,13	10,90	3,15	11,54	3,24	11,97	3,29
	32,0	9,22	3,27	9,65	3,33	10,08	3,38	10,29	3,41	10,93	3,49	11,36	3,54
	35,0	8,96	3,39	9,39	3,44	9,82	3,50	10,03	3,52	10,37	3,60	11,10	3,66
	40,0	8,52	3,60	8,95	3,65	9,38	3,70	9,60	3,73	10,24	3,81	10,67	3,86
	43,0	8,26	3,73	8,69	3,76	9,11	3,76	9,32	3,76	9,92	3,76	10,32	3,76
	46,0	7,90	3,19	8,26	3,19	8,61	3,19	8,78	3,19	9,29	3,19	9,62	3,19
3.5+3.5+3.5+3.5	22,0	9,56	2,39	9,99	2,45	10,42	2,50	10,64	2,53	11,28	2,61	11,71	2,66
	25,0	9,30	2,49	9,73	2,54	10,16	2,60	10,38	2,62	11,02	2,71	11,45	2,76
	32,0	8,70	2,74	9,13	2,80	9,56	2,85	9,77	2,88	10,41	2,96	10,84	3,01
	35,0	8,44	2,86	8,87	2,91	9,30	2,97	9,51	2,99	10,15	3,07	10,58	3,13
	40,0	8,00	3,07	8,43	3,12	8,86	3,17	9,08	3,20	9,72	3,28	10,15	3,33
	43,0	7,74	3,20	8,17	3,23	8,59	3,23	8,80	3,23	9,40	3,23	9,80	3,23
	46,0	7,38	2,66	7,74	2,66	8,09	2,66	8,26	2,66	8,77	2,66	9,10	2,66

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+3.5+3.5+4.2	22,0	10,07	2,92	10,50	2,98	10,93	3,03	11,15	3,06	11,79	3,14	12,22	3,19
	25,0	9,81	3,02	10,24	3,07	10,67	3,13	10,89	3,15	11,53	3,24	11,96	3,29
	32,0	9,21	3,27	9,64	3,33	10,07	3,38	10,28	3,41	10,92	3,49	11,35	3,54
	35,0	8,95	3,39	9,38	3,44	9,81	3,50	10,02	3,52	10,66	3,60	11,09	3,66
	40,0	8,51	3,60	8,94	3,65	9,37	3,70	9,59	3,73	10,23	3,81	10,66	3,86
	43,0	8,25	3,73	8,68	3,76	9,10	3,76	9,31	3,76	9,91	3,76	10,31	3,76
	46,0	7,89	3,19	8,25	3,19	8,60	3,19	8,77	3,19	9,28	3,19	9,61	3,19
3.5+3.5+3.5+5.0	22,0	10,21	2,78	10,67	2,85	11,13	2,91	11,35	2,94	12,04	3,03	12,50	3,10
	25,0	9,93	2,90	10,39	2,96	10,85	3,02	11,08	3,06	11,76	3,15	12,22	3,21
	32,0	9,28	3,19	9,74	3,25	10,20	3,32	10,43	3,35	11,12	3,44	11,57	3,50
	35,0	9,00	3,33	9,46	3,39	9,92	3,45	10,15	3,48	10,84	3,58	11,28	3,59
	40,0	8,54	3,32	9,00	3,32	9,46	3,32	9,67	3,32	10,30	3,32	10,71	3,32
	43,0	8,26	3,17	8,72	3,17	9,18	3,17	9,41	3,17	10,02	3,17	10,41	3,17
	46,0	7,98	2,60	8,35	2,60	8,70	2,60	8,87	2,60	9,37	2,60	9,70	2,60
3.5+3.5+4.2+4.2	22,0	10,08	2,92	10,51	2,98	10,94	3,03	11,16	3,06	11,80	3,14	12,23	3,19
	25,0	9,82	3,02	10,25	3,07	10,68	3,13	10,90	3,15	11,54	3,24	11,97	3,29
	32,0	9,22	3,27	9,65	3,33	10,08	3,38	10,29	3,41	10,93	3,49	11,36	3,54
	35,0	8,96	3,39	9,39	3,44	9,82	3,50	10,03	3,52	10,67	3,60	11,10	3,66
	40,0	8,52	3,60	8,95	3,65	9,38	3,70	9,60	3,73	10,24	3,81	10,67	3,86
	43,0	8,26	3,73	8,69	3,76	9,11	3,76	9,32	3,76	9,92	3,76	10,32	3,76
	46,0	7,90	3,19	8,26	3,19	8,61	3,19	8,78	3,19	9,29	3,19	9,62	3,19
1.5+1.5+1.5+1.5+1.5	22,0	7,84	1,29	8,26	1,33	8,68	1,38	8,88	1,40	9,51	1,47	9,92	1,51
	25,0	7,59	1,37	8,01	1,42	8,42	1,46	8,63	1,48	9,25	1,55	9,67	1,60
	32,0	7,00	1,58	7,42	1,63	7,83	1,67	8,04	1,70	8,07	1,76	9,08	1,81
	35,0	6,75	1,68	7,17	1,73	7,58	1,77	7,79	1,79	8,03	1,86	8,83	1,91
	40,0	6,33	1,85	6,75	1,90	7,16	1,94	7,37	1,97	7,99	2,03	8,41	2,08
	43,0	6,08	1,96	6,49	2,01	6,91	2,05	7,12	2,07	7,74	2,14	8,16	2,19
	46,0	5,80	2,01	6,18	2,01	6,56	2,01	6,74	2,01	7,28	2,01	7,63	2,01
1.5+1.5+1.5+1.5+2.0	22,0	8,17	1,44	8,59	1,48	9,01	1,53	9,21	1,55	9,84	1,62	10,25	1,66
	25,0	7,92	1,52	8,34	1,57	8,75	1,61	8,96	1,63	9,58	1,70	10,00	1,75
	32,0	7,33	1,73	7,75	1,78	8,16	1,82	8,37	1,85	8,40	1,91	9,41	1,96
	35,0	7,08	1,83	7,50	1,88	7,91	1,92	8,12	1,94	8,36	2,01	9,16	2,06
	40,0	6,66	2,00	7,08	2,05	7,49	2,09	7,70	2,12	8,32	2,18	8,74	2,23
	43,0	6,41	2,11	6,82	2,16	7,24	2,20	7,45	2,22	8,07	2,29	8,49	2,34
	46,0	6,13	2,16	6,51	2,16	6,89	2,16	7,07	2,16	7,61	2,16	7,96	2,16
1.5+1.5+1.5+1.5+2.5	22,0	8,47	1,60	8,89	1,64	9,31	1,69	9,51	1,71	10,14	1,78	10,55	1,82
	25,0	8,22	1,68	8,64	1,73	9,05	1,77	9,26	1,79	9,88	1,86	10,30	1,91
	32,0	7,63	1,89	8,05	1,94	8,46	1,98	8,67	2,01	8,70	2,07	9,71	2,12
	35,0	7,38	1,99	7,80	2,04	8,21	2,08	8,42	2,10	8,66	2,17	9,46	2,22
	40,0	6,96	2,16	7,38	2,21	7,79	2,25	8,00	2,28	8,62	2,34	9,04	2,39
	43,0	6,71	2,27	7,12	2,32	7,54	2,36	7,75	2,38	8,37	2,45	8,79	2,50
	46,0	6,43	2,32	6,81	2,32	7,19	2,32	7,37	2,32	7,91	2,32	8,26	2,32

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0, kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104130

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+1.5+3.5	22,0	9,02	1,81	9,46	1,86	9,90	1,92	10,13	1,94	10,79	2,02	11,24	2,07
	25,0	8,75	1,91	9,19	1,96	9,64	2,01	9,86	2,04	10,52	2,12	10,97	2,17
	32,0	8,12	2,15	8,56	2,20	9,01	2,25	9,23	2,28	9,90	2,36	10,34	2,41
	35,0	7,85	2,26	8,29	2,32	8,74	2,37	8,96	2,39	9,63	2,47	10,07	2,52
	40,0	7,40	2,46	7,84	2,51	8,29	2,57	8,51	2,59	9,18	2,67	9,62	2,72
	43,0	7,13	2,59	7,58	2,64	8,02	2,69	8,24	2,72	8,88	2,75	9,29	2,75
	46,0	6,70	2,18	7,08	2,18	7,44	2,18	7,62	2,18	8,15	2,18	8,50	2,18
1.5+1.5+1.5+1.5+4.2	22,0	9,36	1,98	9,80	2,03	10,24	2,09	10,47	2,11	11,13	2,19	11,58	2,24
	25,0	9,09	2,08	9,53	2,13	9,98	2,18	10,20	2,21	10,86	2,29	11,31	2,34
	32,0	8,46	2,32	8,90	2,37	9,35	2,42	9,57	2,45	10,24	2,53	10,68	2,58
	35,0	8,19	2,43	8,63	2,49	9,08	2,54	9,30	2,56	9,97	2,64	10,41	2,69
	40,0	7,74	2,63	8,18	2,68	8,63	2,74	8,85	2,76	9,52	2,84	9,96	2,89
	43,0	7,47	2,76	7,92	2,81	8,36	2,86	8,58	2,89	9,22	2,92	9,63	2,92
	46,0	7,04	2,35	7,42	2,35	7,78	2,35	7,96	2,35	8,49	2,35	8,84	2,35
1.5+1.5+1.5+1.5+5.0	22,0	9,70	2,02	10,16	2,07	10,63	2,13	10,86	2,16	11,56	2,24	12,02	2,30
	25,0	9,42	2,12	9,88	2,18	10,35	2,23	10,58	2,26	11,28	2,34	11,74	2,40
	32,0	8,76	2,38	9,22	2,44	9,69	2,49	9,92	2,52	10,62	2,61	11,08	2,66
	35,0	8,48	2,50	8,94	2,56	9,41	2,62	9,64	2,64	10,34	2,73	10,80	2,78
	40,0	8,01	2,72	8,47	2,77	8,94	2,83	9,17	2,86	9,85	2,90	10,28	2,90
	43,0	7,72	2,75	8,17	2,75	8,60	2,75	8,82	2,75	9,45	2,75	9,86	2,75
	46,0	7,25	2,18	7,63	2,18	7,99	2,18	8,17	2,18	8,70	2,18	9,05	2,18
1.5+1.5+1.5+1.5+6.0	22,0	10,07	2,07	10,53	2,12	11,00	2,18	11,23	2,21	11,93	2,29	12,39	2,35
	25,0	9,79	2,17	10,25	2,23	10,72	2,28	10,95	2,31	11,65	2,39	12,11	2,45
	32,0	9,13	2,43	9,59	2,49	10,06	2,54	10,29	2,57	10,99	2,66	11,45	2,71
	35,0	8,85	2,55	9,31	2,61	9,78	2,67	10,01	2,69	10,71	2,78	11,17	2,83
	40,0	8,38	2,77	8,84	2,82	9,31	2,88	9,54	2,91	10,22	2,95	10,65	2,95
	43,0	8,09	2,80	8,54	2,80	8,97	2,80	9,19	2,80	9,82	2,80	10,23	2,80
	46,0	7,62	2,23	8,00	2,23	8,36	2,23	8,54	2,23	9,07	2,23	9,42	2,23
1.5+1.5+1.5+1.5+7.1	22,0	10,38	2,20	10,84	2,25	11,31	2,31	11,54	2,34	12,24	2,42	12,70	2,48
	25,0	10,10	2,30	10,56	2,36	11,03	2,41	11,26	2,44	11,96	2,52	12,42	2,58
	32,0	9,44	2,56	9,90	2,62	10,37	2,67	10,60	2,70	11,30	2,79	11,76	2,84
	35,0	9,16	2,68	9,62	2,74	10,09	2,80	10,32	2,82	11,02	2,91	11,48	2,96
	40,0	8,69	2,90	9,15	2,95	9,62	3,01	9,85	3,04	10,53	3,08	10,96	3,08
	43,0	8,40	2,93	8,85	2,93	9,28	2,93	9,50	2,93	10,13	2,93	10,54	2,93
	46,0	7,93	2,36	8,31	2,36	8,67	2,36	8,85	2,36	9,38	2,36	9,73	2,36
1.5+1.5+1.5+2.0+2.0	22,0	8,47	1,60	8,89	1,64	9,31	1,69	9,51	1,71	10,14	1,78	10,55	1,82
	25,0	8,22	1,68	8,64	1,73	9,05	1,77	9,26	1,79	9,88	1,86	10,30	1,91
	32,0	7,63	1,89	8,05	1,94	8,46	1,98	8,67	2,01	8,70	2,07	9,71	2,12
	35,0	7,38	1,99	7,80	2,04	8,21	2,08	8,42	2,10	8,66	2,17	9,46	2,22
	40,0	6,96	2,16	7,38	2,21	7,79	2,25	8,00	2,28	8,62	2,34	9,04	2,39
	43,0	6,71	2,27	7,12	2,32	7,54	2,36	7,75	2,38	8,37	2,45	8,79	2,50
	46,0	6,43	2,32	6,81	2,32	7,19	2,32	7,37	2,32	7,91	2,32	8,26	2,32

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+2.0+2.5	22,0	8,75	1,72	9,17	1,76	9,59	1,81	9,79	1,83	10,42	1,90	10,83	1,94
	25,0	8,50	1,80	8,92	1,85	9,33	1,89	9,54	1,91	10,16	1,98	10,58	2,03
	32,0	7,91	2,01	8,33	2,06	8,74	2,10	8,95	2,13	8,98	2,19	9,99	2,24
	35,0	7,66	2,11	8,08	2,16	8,49	2,20	8,70	2,22	8,94	2,29	9,74	2,34
	40,0	7,24	2,28	7,66	2,33	8,07	2,37	8,28	2,40	8,90	2,46	9,32	2,51
	43,0	6,99	2,39	7,40	2,44	7,82	2,48	8,03	2,50	8,65	2,57	9,07	2,62
	46,0	6,71	2,44	7,09	2,44	7,47	2,44	7,65	2,44	8,19	2,44	8,54	2,44
1.5+1.5+1.5+2.0+3.5	22,0	9,27	1,92	9,71	1,97	10,15	2,03	10,38	2,05	11,04	2,13	11,49	2,18
	25,0	9,00	2,02	9,44	2,07	9,89	2,12	10,11	2,15	10,77	2,23	11,22	2,28
	32,0	8,37	2,26	8,81	2,31	9,26	2,36	9,48	2,39	10,15	2,47	10,59	2,52
	35,0	8,10	2,37	8,54	2,43	8,99	2,48	9,21	2,50	9,88	2,58	10,32	2,63
	40,0	7,65	2,57	8,09	2,62	8,54	2,68	8,76	2,70	9,43	2,78	9,87	2,83
	43,0	7,38	2,70	7,83	2,75	8,27	2,80	8,49	2,83	9,13	2,86	9,54	2,86
	46,0	6,95	2,29	7,33	2,29	7,69	2,29	7,87	2,29	8,40	2,29	8,75	2,29
1.5+1.5+1.5+2.0+4.2	22,0	9,58	2,11	10,02	2,16	10,46	2,22	10,69	2,24	11,35	2,32	11,80	2,37
	25,0	9,31	2,21	9,75	2,26	10,20	2,31	10,42	2,34	11,08	2,42	11,53	2,47
	32,0	8,68	2,45	9,12	2,50	9,57	2,55	9,79	2,58	10,46	2,66	10,90	2,71
	35,0	8,41	2,56	8,85	2,62	9,30	2,67	9,52	2,69	10,19	2,77	10,63	2,82
	40,0	7,96	2,76	8,40	2,81	8,85	2,87	9,07	2,89	9,74	2,97	10,18	3,02
	43,0	7,69	2,89	8,14	2,94	8,58	2,99	8,80	3,02	9,44	3,05	9,85	3,05
	46,0	7,26	2,48	7,64	2,48	8,00	2,48	8,18	2,48	8,71	2,48	9,06	2,48
1.5+1.5+1.5+2.0+5.0	22,0	9,89	2,16	10,35	2,21	10,82	2,27	11,05	2,30	11,75	2,38	12,21	2,44
	25,0	9,61	2,26	10,07	2,32	10,54	2,37	10,77	2,40	11,47	2,48	11,93	2,54
	32,0	8,95	2,52	9,41	2,58	9,88	2,63	10,11	2,66	10,81	2,75	11,27	2,80
	35,0	8,67	2,64	9,13	2,70	9,60	2,76	9,83	2,78	10,53	2,87	10,99	2,92
	40,0	8,20	2,86	8,66	2,91	9,13	2,97	9,36	3,00	10,04	3,04	10,47	3,04
	43,0	7,91	2,89	8,36	2,89	8,79	2,89	9,01	2,89	9,64	2,89	10,05	2,89
	46,0	7,44	2,32	7,82	2,32	8,18	2,32	8,36	2,32	8,89	2,32	9,24	2,32
1.5+1.5+1.5+2.0+6.0	22,0	10,22	2,13	10,68	2,18	11,15	2,24	11,38	2,27	12,08	2,35	12,54	2,41
	25,0	9,94	2,23	10,40	2,29	10,87	2,34	11,10	2,37	11,80	2,45	12,26	2,51
	32,0	9,28	2,49	9,74	2,55	10,21	2,60	10,44	2,63	11,14	2,72	11,60	2,77
	35,0	9,00	2,61	9,46	2,67	9,93	2,73	10,16	2,75	10,86	2,84	11,32	2,89
	40,0	8,53	2,83	8,99	2,88	9,46	2,94	9,69	2,97	10,37	3,01	10,80	3,01
	43,0	8,24	2,86	8,69	2,86	9,12	2,86	9,34	2,86	9,97	2,86	10,38	2,86
	46,0	7,77	2,29	8,15	2,29	8,51	2,29	8,69	2,29	9,22	2,29	9,57	2,29
1.5+1.5+1.5+2.0+7.1	22,0	10,49	2,34	10,95	2,39	11,42	2,45	11,65	2,48	12,35	2,56	12,81	2,62
	25,0	10,21	2,44	10,67	2,50	11,14	2,55	11,37	2,58	12,07	2,66	12,53	2,72
	32,0	9,55	2,70	10,01	2,76	10,48	2,81	10,71	2,84	11,41	2,93	11,87	2,98
	35,0	9,27	2,82	9,73	2,88	10,20	2,94	10,43	2,96	11,13	3,05	11,59	3,10
	40,0	8,80	3,04	9,26	3,09	9,73	3,15	9,96	3,18	10,64	3,22	11,07	3,22
	43,0	8,51	3,07	8,96	3,07	9,39	3,07	9,61	3,07	10,24	3,07	10,65	3,07
	46,0	8,04	2,50	8,42	2,50	8,78	2,50	8,96	2,50	9,49	2,50	9,84	2,50

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104131

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+2.5+2.5	22,0	9,01	1,89	9,43	1,93	9,85	1,98	10,05	2,00	10,68	2,07	11,09	2,11
	25,0	8,76	1,97	9,18	2,02	9,59	2,06	9,80	2,08	10,42	2,15	10,84	2,20
	32,0	8,17	2,18	8,59	2,23	9,00	2,27	9,21	2,30	9,24	2,36	10,25	2,41
	35,0	7,92	2,28	8,34	2,33	8,75	2,37	8,96	2,39	9,20	2,46	10,00	2,51
	40,0	7,50	2,45	7,92	2,50	8,33	2,54	8,54	2,57	9,16	2,63	9,58	2,68
	43,0	7,25	2,56	7,66	2,61	8,08	2,65	8,29	2,67	8,91	2,74	9,33	2,79
	46,0	6,97	2,61	7,35	2,61	7,73	2,61	7,91	2,61	8,45	2,61	8,80	2,61
1.5+1.5+1.5+2.5+3.5	22,0	9,50	2,05	9,94	2,10	10,38	2,16	10,61	2,18	11,27	2,26	11,72	2,31
	25,0	9,23	2,15	9,67	2,20	10,12	2,25	10,34	2,28	11,00	2,36	11,45	2,41
	32,0	8,60	2,39	9,04	2,44	9,49	2,49	9,71	2,52	10,38	2,60	10,82	2,65
	35,0	8,33	2,50	8,77	2,56	9,22	2,61	9,44	2,63	10,11	2,71	10,55	2,76
	40,0	7,88	2,70	8,32	2,75	8,77	2,81	8,99	2,83	9,66	2,91	10,10	2,96
	43,0	7,61	2,83	8,06	2,88	8,50	2,93	8,72	2,96	9,36	2,99	9,77	2,99
	46,0	7,18	2,42	7,56	2,42	7,92	2,42	8,10	2,42	8,63	2,42	8,98	2,42
1.5+1.5+1.5+2.5+4.2	22,0	9,78	2,24	10,22	2,29	10,66	2,35	10,89	2,37	11,55	2,45	12,00	2,50
	25,0	9,51	2,34	9,95	2,39	10,40	2,44	10,62	2,47	11,28	2,55	11,73	2,60
	32,0	8,88	2,58	9,32	2,63	9,77	2,68	9,99	2,71	10,66	2,79	11,10	2,84
	35,0	8,61	2,69	9,05	2,75	9,50	2,80	9,72	2,82	10,39	2,90	10,83	2,95
	40,0	8,16	2,89	8,60	2,94	9,05	3,00	9,27	3,02	9,94	3,10	10,38	3,15
	43,0	7,89	3,02	8,34	3,07	8,78	3,12	9,00	3,15	9,64	3,18	10,05	3,18
	46,0	7,46	2,61	7,84	2,61	8,20	2,61	8,38	2,61	8,91	2,61	9,26	2,61
1.5+1.5+1.5+2.5+5.0	22,0	10,07	2,28	10,53	2,33	11,00	2,39	11,23	2,42	11,93	2,50	12,39	2,56
	25,0	9,79	2,38	10,25	2,44	10,72	2,49	10,95	2,52	11,65	2,60	12,11	2,66
	32,0	9,13	2,64	9,59	2,70	10,06	2,75	10,29	2,78	10,99	2,87	11,45	2,92
	35,0	8,85	2,76	9,31	2,82	9,78	2,88	10,01	2,90	10,71	2,99	11,17	3,04
	40,0	8,38	2,98	8,84	3,03	9,31	3,09	9,54	3,12	10,22	3,16	10,65	3,16
	43,0	8,09	3,01	8,54	3,01	8,97	3,01	9,19	3,01	9,82	3,01	10,23	3,01
	46,0	7,62	2,44	8,00	2,44	8,36	2,44	8,54	2,44	9,07	2,44	9,42	2,44
1.5+1.5+1.5+2.5+6.0	22,0	10,35	2,20	10,81	2,25	11,28	2,31	11,51	2,34	12,21	2,42	12,67	2,48
	25,0	10,07	2,30	10,53	2,36	11,00	2,41	11,23	2,44	11,93	2,52	12,39	2,58
	32,0	9,41	2,56	9,87	2,62	10,34	2,67	10,57	2,70	11,27	2,79	11,73	2,84
	35,0	9,13	2,68	9,59	2,74	10,06	2,80	10,29	2,82	10,99	2,91	11,45	2,96
	40,0	8,66	2,90	9,12	2,95	9,59	3,01	9,82	3,04	10,50	3,08	10,93	3,08
	43,0	8,37	2,93	8,82	2,93	9,25	2,93	9,47	2,93	10,10	2,93	10,51	2,93
	46,0	7,90	2,36	8,28	2,36	8,64	2,36	8,82	2,36	9,35	2,36	9,70	2,36
1.5+1.5+1.5+2.5+7.1	22,0	10,59	2,34	11,05	2,39	11,52	2,45	11,75	2,48	12,45	2,56	12,91	2,62
	25,0	10,31	2,44	10,77	2,50	11,24	2,55	11,47	2,58	12,17	2,66	12,63	2,72
	32,0	9,65	2,70	10,11	2,76	10,58	2,81	10,81	2,84	11,51	2,93	11,97	2,98
	35,0	9,37	2,82	9,83	2,88	10,30	2,94	10,53	2,96	11,23	3,05	11,69	3,10
	40,0	8,90	3,04	9,36	3,09	9,83	3,15	10,06	3,18	10,74	3,22	11,17	3,22
	43,0	8,61	3,07	9,06	3,07	9,49	3,07	9,71	3,07	10,34	3,07	10,75	3,07
	46,0	8,14	2,50	8,52	2,50	8,88	2,50	9,06	2,50	9,59	2,50	9,94	2,50

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+3.5+3.5	22,0	9,89	2,29	10,32	2,32	10,76	2,43	10,97	2,45	11,63	2,53	12,06	2,58
	25,0	9,62	2,39	10,06	2,47	10,49	2,52	10,71	2,54	11,36	2,62	11,80	2,67
	32,0	9,01	2,65	9,44	2,70	9,88	2,75	10,09	2,78	10,75	2,85	11,18	2,90
	35,0	8,74	2,76	9,18	2,85	9,61	2,86	9,83	2,88	10,48	2,96	10,92	3,01
	40,0	8,30	2,95	8,74	3,00	9,17	3,05	9,39	3,07	10,04	3,15	10,48	3,20
	43,0	8,04	3,07	8,47	3,12	8,91	3,17	9,13	3,19	9,78	3,27	10,21	3,32
	46,0	7,64	2,82	8,02	2,82	8,39	2,82	8,57	2,82	9,10	2,82	9,45	2,82
1.5+1.5+1.5+3.5+4.2	22,0	10,13	2,43	10,56	2,46	11,00	2,57	11,21	2,59	11,87	2,67	12,30	2,72
	25,0	9,86	2,53	10,30	2,61	10,73	2,66	10,95	2,68	11,60	2,76	12,04	2,81
	32,0	9,25	2,79	9,68	2,84	10,12	2,89	10,33	2,92	10,99	2,99	11,42	3,04
	35,0	8,98	2,90	9,42	2,99	9,85	3,00	10,07	3,02	10,72	3,10	11,16	3,15
	40,0	8,54	3,09	8,98	3,14	9,41	3,19	9,63	3,21	10,28	3,29	10,72	3,34
	43,0	8,28	3,21	8,71	3,26	9,15	3,31	9,37	3,33	10,02	3,41	10,45	3,46
	46,0	7,88	2,96	8,26	2,96	8,63	2,96	8,81	2,96	9,34	2,96	9,69	2,96
1.5+1.5+1.5+3.5+5.0	22,0	10,35	2,52	10,82	2,57	11,29	2,63	11,52	2,66	12,22	2,74	12,69	2,80
	25,0	10,07	2,62	10,53	2,68	11,00	2,73	11,24	2,76	11,94	2,84	12,41	2,90
	32,0	9,40	2,88	9,87	2,94	10,34	2,99	10,57	3,02	11,28	3,11	11,74	3,16
	35,0	9,12	3,00	9,59	3,06	10,06	3,09	10,29	3,11	10,99	3,23	11,46	3,28
	40,0	8,65	3,22	9,11	3,27	9,58	3,33	9,82	3,36	10,50	3,40	10,93	3,40
	43,0	8,36	3,25	8,80	3,25	9,24	3,25	9,46	3,25	10,10	3,25	10,51	3,25
	46,0	7,88	2,68	8,25	2,68	8,62	2,68	8,80	2,68	9,33	2,68	9,68	2,68
1.5+1.5+1.5+3.5+6.0	22,0	10,58	2,36	11,05	2,41	11,52	2,47	11,75	2,50	12,45	2,58	12,92	2,64
	25,0	10,30	2,46	10,76	2,52	11,23	2,57	11,47	2,60	12,17	2,68	12,64	2,74
	32,0	9,63	2,72	10,10	2,78	10,57	2,83	10,80	2,86	11,51	2,95	11,97	3,00
	35,0	9,35	2,84	9,82	2,90	10,29	2,93	10,52	2,95	11,22	3,07	11,69	3,12
	40,0	8,88	3,06	9,34	3,11	9,81	3,17	10,05	3,20	10,73	3,24	11,16	3,24
	43,0	8,59	3,09	9,03	3,09	9,47	3,09	9,69	3,09	10,33	3,09	10,74	3,09
	46,0	8,11	2,52	8,48	2,52	8,85	2,52	9,03	2,52	9,56	2,52	9,91	2,52
1.5+1.5+1.5+3.5+7.1	22,0	10,73	2,51	11,20	2,56	11,67	2,62	11,90	2,65	12,60	2,73	13,07	2,79
	25,0	10,45	2,61	10,91	2,67	11,38	2,72	11,62	2,75	12,32	2,83	12,79	2,89
	32,0	9,78	2,87	10,25	2,93	10,72	2,98	10,95	3,01	11,66	3,10	12,12	3,15
	35,0	9,50	2,99	9,97	3,05	10,44	3,08	10,67	3,10	11,37	3,22	11,84	3,27
	40,0	9,03	3,21	9,49	3,26	9,96	3,32	10,20	3,35	10,88	3,39	11,31	3,39
	43,0	8,74	3,24	9,18	3,24	9,62	3,24	9,84	3,24	10,48	3,24	10,89	3,24
	46,0	8,26	2,67	8,63	2,67	9,00	2,67	9,18	2,67	9,71	2,67	10,06	2,67
1.5+1.5+1.5+4.2+4.2	22,0	10,25	2,50	10,68	2,53	11,12	2,64	11,33	2,66	11,99	2,74	12,42	2,79
	25,0	9,98	2,60	10,42	2,68	10,85	2,73	11,07	2,75	11,72	2,83	12,16	2,88
	32,0	9,37	2,86	9,80	2,91	10,24	2,96	10,45	2,99	11,11	3,06	11,54	3,11
	35,0	9,10	2,97	9,54	3,06	9,97	3,07	10,19	3,09	10,84	3,17	11,28	3,22
	40,0	8,66	3,16	9,10	3,21	9,53	3,26	9,75	3,28	10,40	3,36	10,84	3,41
	43,0	8,40	3,28	8,83	3,33	9,27	3,38	9,49	3,40	10,14	3,48	10,57	3,53
	46,0	8,00	3,03	8,38	3,03	8,75	3,03	8,93	3,03	9,46	3,03	9,81	3,03

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104139

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+4.2+5.0	22,0	10,42	2,52	10,89	2,57	11,36	2,63	11,59	2,66	12,29	2,74	12,76	2,80
	25,0	10,14	2,62	10,60	2,68	11,07	2,73	11,31	2,76	12,01	2,84	12,48	2,90
	32,0	9,47	2,88	9,94	2,94	10,41	2,99	10,64	3,02	11,35	3,11	11,81	3,16
	35,0	9,19	3,00	9,66	3,06	10,13	3,09	10,36	3,11	11,06	3,23	11,53	3,28
	40,0	8,72	3,22	9,18	3,27	9,65	3,33	9,89	3,36	10,57	3,40	11,00	3,40
	43,0	8,43	3,25	8,87	3,25	9,31	3,25	9,53	3,25	10,17	3,25	10,58	3,25
	46,0	7,95	2,68	8,32	2,68	8,69	2,68	8,87	2,68	9,40	2,68	9,75	2,68
1.5+1.5+1.5+4.2+6.0	22,0	10,68	2,44	11,15	2,49	11,62	2,55	11,85	2,58	12,55	2,66	13,02	2,72
	25,0	10,40	2,54	10,86	2,60	11,33	2,65	11,57	2,68	12,27	2,76	12,74	2,82
	32,0	9,73	2,80	10,20	2,86	10,67	2,91	10,90	2,94	11,61	3,03	12,07	3,08
	35,0	9,45	2,92	9,92	2,98	10,39	3,01	10,62	3,03	11,32	3,15	11,79	3,20
	40,0	8,98	3,14	9,44	3,19	9,91	3,25	10,15	3,28	10,83	3,32	11,26	3,32
	43,0	8,69	3,17	9,13	3,17	9,57	3,17	9,79	3,17	10,43	3,17	10,84	3,17
	46,0	8,21	2,60	8,58	2,60	8,95	2,60	9,13	2,60	9,66	2,60	10,01	2,60
1.5+1.5+1.5+5.0+5.0	22,0	10,61	2,54	11,08	2,59	11,55	2,65	11,78	2,68	12,48	2,76	12,95	2,82
	25,0	10,33	2,64	10,79	2,70	11,26	2,75	11,50	2,78	12,20	2,86	12,67	2,92
	32,0	9,66	2,90	10,13	2,96	10,60	3,01	10,83	3,04	11,54	3,13	12,00	3,18
	35,0	9,38	3,02	9,85	3,08	10,32	3,11	10,55	3,13	11,25	3,25	11,72	3,30
	40,0	8,91	3,24	9,37	3,29	9,84	3,35	10,08	3,38	10,76	3,42	11,19	3,42
	43,0	8,62	3,27	9,06	3,27	9,50	3,27	9,72	3,27	10,36	3,27	10,77	3,27
	46,0	8,14	2,70	8,51	2,70	8,88	2,70	9,06	2,70	9,59	2,70	9,94	2,70
1.5+1.5+1.5+5.0+6.0	22,0	10,76	2,39	11,23	2,44	11,70	2,50	11,93	2,53	12,63	2,61	13,10	2,67
	25,0	10,48	2,49	10,94	2,55	11,41	2,60	11,65	2,63	12,35	2,71	12,82	2,77
	32,0	9,81	2,75	10,28	2,81	10,75	2,86	10,98	2,89	11,69	2,98	12,15	3,03
	35,0	9,53	2,87	10,00	2,93	10,47	2,96	10,70	2,98	11,40	3,10	11,87	3,15
	40,0	9,06	3,09	9,52	3,14	9,99	3,20	10,23	3,23	10,91	3,27	11,34	3,27
	43,0	8,77	3,12	9,21	3,12	9,65	3,12	9,87	3,12	10,51	3,12	10,92	3,12
	46,0	8,29	2,55	8,66	2,55	9,03	2,55	9,21	2,55	9,74	2,55	10,09	2,55
1.5+1.5+2.0+2.0+2.0	22,0	8,75	1,72	9,17	1,76	9,59	1,81	9,79	1,83	10,42	1,90	10,83	1,94
	25,0	8,50	1,80	8,92	1,85	9,33	1,89	9,54	1,91	10,16	1,98	10,58	2,03
	32,0	7,91	2,01	8,33	2,06	8,74	2,10	8,95	2,13	8,98	2,19	9,99	2,24
	35,0	7,66	2,11	8,08	2,16	8,49	2,20	8,70	2,22	8,94	2,29	9,74	2,34
	40,0	7,24	2,28	7,66	2,33	8,07	2,37	8,28	2,40	8,90	2,46	9,32	2,51
	43,0	6,99	2,39	7,40	2,44	7,82	2,48	8,03	2,50	8,65	2,57	9,07	2,62
	46,0	6,71	2,44	7,09	2,44	7,47	2,44	7,65	2,44	8,19	2,44	8,54	2,44
1.5+1.5+2.0+2.0+2.5	22,0	9,01	1,89	9,43	1,93	9,85	1,98	10,05	2,00	10,68	2,07	11,09	2,11
	25,0	8,76	1,97	9,18	2,02	9,59	2,06	9,80	2,08	10,42	2,15	10,84	2,20
	32,0	8,17	2,18	8,59	2,23	9,00	2,27	9,21	2,30	9,24	2,36	10,25	2,41
	35,0	7,92	2,28	8,34	2,33	8,75	2,37	8,96	2,39	9,20	2,46	10,00	2,51
	40,0	7,50	2,45	7,92	2,50	8,33	2,54	8,54	2,57	9,16	2,63	9,58	2,68
	43,0	7,25	2,56	7,66	2,61	8,08	2,65	8,29	2,67	8,91	2,74	9,33	2,79
	46,0	6,97	2,61	7,35	2,61	7,73	2,61	7,91	2,61	8,45	2,61	8,80	2,61

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.0+2.0+3.5	22,0	9,50	2,05	9,94	2,10	10,38	2,16	10,61	2,18	11,27	2,26	11,72	2,31
	25,0	9,23	2,15	9,67	2,20	10,12	2,25	10,34	2,28	11,00	2,36	11,45	2,41
	32,0	8,60	2,39	9,04	2,44	9,49	2,49	9,71	2,52	10,38	2,60	10,82	2,65
	35,0	8,33	2,50	8,77	2,56	9,22	2,61	9,44	2,63	10,11	2,71	10,55	2,76
	40,0	7,88	2,70	8,32	2,75	8,77	2,81	8,99	2,83	9,66	2,91	10,10	2,96
	43,0	7,61	2,83	8,06	2,88	8,50	2,93	8,72	2,96	9,36	2,99	9,77	2,99
	46,0	7,18	2,42	7,56	2,42	7,92	2,42	8,10	2,42	8,63	2,42	8,98	2,42
1.5+1.5+2.0+2.0+4.2	22,0	9,78	2,24	10,22	2,29	10,66	2,35	10,89	2,37	11,55	2,45	12,00	2,50
	25,0	9,51	2,34	9,95	2,39	10,40	2,44	10,62	2,47	11,28	2,55	11,73	2,60
	32,0	8,88	2,58	9,32	2,63	9,77	2,68	9,99	2,71	10,66	2,79	11,10	2,84
	35,0	8,61	2,69	9,05	2,75	9,50	2,80	9,72	2,82	10,39	2,90	10,83	2,95
	40,0	8,16	2,89	8,60	2,94	9,05	3,00	9,27	3,02	9,94	3,10	10,38	3,15
	43,0	7,89	3,02	8,34	3,07	8,78	3,12	9,00	3,15	9,64	3,18	10,05	3,18
	46,0	7,46	2,61	7,84	2,61	8,20	2,61	8,38	2,61	8,91	2,61	9,26	2,61
1.5+1.5+2.0+2.0+5.0	22,0	10,07	2,28	10,53	2,33	11,00	2,39	11,23	2,42	11,93	2,50	12,39	2,56
	25,0	9,79	2,38	10,25	2,44	10,72	2,49	10,95	2,52	11,65	2,60	12,11	2,66
	32,0	9,13	2,64	9,59	2,70	10,06	2,75	10,29	2,78	10,99	2,87	11,45	2,92
	35,0	8,85	2,76	9,31	2,82	9,78	2,88	10,01	2,90	10,71	2,99	11,17	3,04
	40,0	8,38	2,98	8,84	3,03	9,31	3,09	9,54	3,12	10,22	3,16	10,65	3,16
	43,0	8,09	3,01	8,54	3,01	8,97	3,01	9,19	3,01	9,82	3,01	10,23	3,01
	46,0	7,62	2,44	8,00	2,44	8,36	2,44	8,54	2,44	9,07	2,44	9,42	2,44
1.5+1.5+2.0+2.0+6.0	22,0	10,35	2,20	10,81	2,25	11,28	2,31	11,51	2,34	12,21	2,42	12,67	2,48
	25,0	10,07	2,30	10,53	2,36	11,00	2,41	11,23	2,44	11,93	2,52	12,39	2,58
	32,0	9,41	2,56	9,87	2,62	10,34	2,67	10,57	2,70	11,27	2,79	11,73	2,84
	35,0	9,13	2,68	9,59	2,74	10,06	2,80	10,29	2,82	10,99	2,91	11,45	2,96
	40,0	8,66	2,90	9,12	2,95	9,59	3,01	9,82	3,04	10,50	3,08	10,93	3,08
	43,0	8,37	2,93	8,82	2,93	9,25	2,93	9,47	2,93	10,10	2,93	10,51	2,93
	46,0	7,90	2,36	8,28	2,36	8,64	2,36	8,82	2,36	9,35	2,36	9,70	2,36
1.5+1.5+2.0+2.0+7.1	22,0	10,59	2,34	11,05	2,39	11,52	2,45	11,75	2,48	12,45	2,56	12,91	2,62
	25,0	10,31	2,44	10,77	2,50	11,24	2,55	11,47	2,58	12,17	2,66	12,63	2,72
	32,0	9,65	2,70	10,11	2,76	10,58	2,81	10,81	2,84	11,51	2,93	11,97	2,98
	35,0	9,37	2,82	9,83	2,88	10,30	2,94	10,53	2,96	11,23	3,05	11,69	3,10
	40,0	8,90	3,04	9,36	3,09	9,83	3,15	10,06	3,18	10,74	3,22	11,17	3,22
	43,0	8,61	3,07	9,06	3,07	9,49	3,07	9,71	3,07	10,34	3,07	10,75	3,07
	46,0	8,14	2,50	8,52	2,50	8,88	2,50	9,06	2,50	9,59	2,50	9,94	2,50
1.5+1.5+2.0+2.5+2.5	22,0	9,26	2,00	9,68	2,04	10,10	2,09	10,30	2,11	10,93	2,18	11,34	2,22
	25,0	9,01	2,08	9,43	2,13	9,84	2,17	10,05	2,19	10,67	2,26	11,09	2,31
	32,0	8,42	2,29	8,84	2,34	9,25	2,38	9,46	2,41	9,49	2,47	10,50	2,52
	35,0	8,17	2,39	8,59	2,44	9,00	2,48	9,21	2,50	9,45	2,57	10,25	2,62
	40,0	7,75	2,56	8,17	2,61	8,58	2,65	8,79	2,68	9,41	2,74	9,83	2,79
	43,0	7,50	2,67	7,91	2,72	8,33	2,76	8,54	2,78	9,16	2,85	9,58	2,90
	46,0	7,22	2,72	7,60	2,72	7,98	2,72	8,16	2,72	8,70	2,72	9,05	2,72

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104143

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.0+2.5+3.5	22,0	9,70	2,17	10,14	2,22	10,58	2,28	10,81	2,30	11,47	2,38	11,92	2,43
	25,0	9,43	2,27	9,87	2,32	10,32	2,37	10,54	2,40	11,20	2,48	11,65	2,53
	32,0	8,80	2,51	9,24	2,56	9,69	2,61	9,91	2,64	10,58	2,72	11,02	2,77
	35,0	8,53	2,62	8,97	2,68	9,42	2,73	9,64	2,75	10,31	2,83	10,75	2,88
	40,0	8,08	2,82	8,52	2,87	8,97	2,93	9,19	2,95	9,86	3,03	10,30	3,08
	43,0	7,81	2,95	8,26	3,00	8,70	3,05	8,92	3,08	9,56	3,11	9,97	3,11
	46,0	7,38	2,54	7,76	2,54	8,12	2,54	8,30	2,54	8,83	2,54	9,18	2,54
1.5+1.5+2.0+2.5+4.2	22,0	9,96	2,37	10,40	2,42	10,84	2,48	11,07	2,50	11,73	2,58	12,18	2,63
	25,0	9,69	2,47	10,13	2,52	10,58	2,57	10,80	2,60	11,46	2,68	11,91	2,73
	32,0	9,06	2,71	9,50	2,76	9,95	2,81	10,17	2,84	10,84	2,92	11,28	2,97
	35,0	8,79	2,82	9,23	2,88	9,68	2,93	9,90	2,95	10,57	3,03	11,01	3,08
	40,0	8,34	3,02	8,78	3,07	9,23	3,13	9,45	3,15	10,12	3,23	10,56	3,28
	43,0	8,07	3,15	8,52	3,20	8,96	3,25	9,18	3,28	9,82	3,31	10,23	3,31
	46,0	7,64	2,74	8,02	2,74	8,38	2,74	8,56	2,74	9,09	2,74	9,44	2,74
1.5+1.5+2.0+2.5+5.0	22,0	10,22	2,41	10,68	2,46	11,15	2,52	11,38	2,55	12,08	2,63	12,54	2,69
	25,0	9,94	2,51	10,40	2,57	10,87	2,62	11,10	2,65	11,80	2,73	12,26	2,79
	32,0	9,28	2,77	9,74	2,83	10,21	2,88	10,44	2,91	11,14	3,00	11,60	3,05
	35,0	9,00	2,89	9,46	2,95	9,93	3,01	10,16	3,03	10,86	3,12	11,32	3,17
	40,0	8,53	3,11	8,99	3,16	9,46	3,22	9,69	3,25	10,37	3,29	10,80	3,29
	43,0	8,24	3,14	8,69	3,14	9,12	3,14	9,34	3,14	9,97	3,14	10,38	3,14
	46,0	7,77	2,57	8,15	2,57	8,51	2,57	8,69	2,57	9,22	2,57	9,57	2,57
1.5+1.5+2.0+2.5+6.0	22,0	10,47	2,33	10,93	2,38	11,40	2,44	11,63	2,47	12,33	2,55	12,79	2,61
	25,0	10,19	2,43	10,65	2,49	11,12	2,54	11,35	2,57	12,05	2,65	12,51	2,71
	32,0	9,53	2,69	9,99	2,75	10,46	2,80	10,69	2,83	11,39	2,92	11,85	2,97
	35,0	9,25	2,81	9,71	2,87	10,18	2,93	10,41	2,95	11,11	3,04	11,57	3,09
	40,0	8,78	3,03	9,24	3,08	9,71	3,14	9,94	3,17	10,62	3,21	11,05	3,21
	43,0	8,49	3,06	8,94	3,06	9,37	3,06	9,59	3,06	10,22	3,06	10,63	3,06
	46,0	8,02	2,49	8,40	2,49	8,76	2,49	8,94	2,49	9,47	2,49	9,82	2,49
1.5+1.5+2.0+2.5+7.1	22,0	10,67	2,41	11,13	2,46	11,60	2,52	11,83	2,55	12,53	2,63	12,99	2,69
	25,0	10,39	2,51	10,85	2,57	11,32	2,62	11,55	2,65	12,25	2,73	12,71	2,79
	32,0	9,73	2,77	10,19	2,83	10,66	2,88	10,89	2,91	11,59	3,00	12,05	3,05
	35,0	9,45	2,89	9,91	2,95	10,38	3,01	10,61	3,03	11,31	3,12	11,77	3,17
	40,0	8,98	3,11	9,44	3,16	9,91	3,22	10,14	3,25	10,82	3,29	11,25	3,29
	43,0	8,69	3,14	9,14	3,14	9,57	3,14	9,79	3,14	10,42	3,14	10,83	3,14
	46,0	8,22	2,57	8,60	2,57	8,96	2,57	9,14	2,57	9,67	2,57	10,02	2,57
1.5+1.5+2.0+3.5+3.5	22,0	10,07	2,43	10,50	2,46	10,94	2,57	11,15	2,59	11,81	2,67	12,24	2,72
	25,0	9,80	2,53	10,24	2,61	10,67	2,66	10,89	2,68	11,54	2,76	11,98	2,81
	32,0	9,19	2,79	9,62	2,84	10,06	2,89	10,27	2,92	10,93	2,99	11,36	3,04
	35,0	8,92	2,90	9,36	2,99	9,79	3,00	10,01	3,02	10,66	3,10	11,10	3,15
	40,0	8,48	3,09	8,92	3,14	9,35	3,19	9,57	3,21	10,22	3,29	10,66	3,34
	43,0	8,22	3,21	8,65	3,26	9,09	3,31	9,31	3,33	9,96	3,41	10,39	3,46
	46,0	7,82	2,96	8,20	2,96	8,57	2,96	8,75	2,96	9,28	2,96	9,63	2,96

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.0+3.5+4.2	22,0	10,24	2,49	10,67	2,52	11,11	2,63	11,32	2,65	11,98	2,73	12,41	2,78
	25,0	9,97	2,59	10,41	2,67	10,84	2,72	11,06	2,74	11,71	2,82	12,15	2,87
	32,0	9,36	2,85	9,79	2,90	10,23	2,95	10,44	2,98	11,10	3,05	11,53	3,10
	35,0	9,09	2,96	9,53	3,05	9,96	3,06	10,18	3,08	10,83	3,16	11,27	3,21
	40,0	8,65	3,15	9,09	3,20	9,52	3,25	9,74	3,27	10,39	3,35	10,83	3,40
	43,0	8,39	3,27	8,82	3,32	9,26	3,37	9,48	3,39	10,13	3,47	10,56	3,52
	46,0	7,99	3,02	8,37	3,02	8,74	3,02	8,92	3,02	9,45	3,02	9,80	3,02
1.5+1.5+2.0+3.5+5.0	22,0	10,42	2,52	10,89	2,57	11,36	2,63	11,59	2,66	12,29	2,74	12,76	2,80
	25,0	10,14	2,62	10,60	2,68	11,07	2,73	11,31	2,76	12,01	2,84	12,48	2,90
	32,0	9,47	2,88	9,94	2,94	10,41	2,99	10,64	3,02	11,35	3,11	11,81	3,16
	35,0	9,19	3,00	9,66	3,06	10,13	3,09	10,36	3,11	11,06	3,23	11,53	3,28
	40,0	8,72	3,22	9,18	3,27	9,65	3,33	9,89	3,36	10,57	3,40	11,00	3,40
	43,0	8,43	3,25	8,87	3,25	9,31	3,25	9,53	3,25	10,17	3,25	10,58	3,25
	46,0	7,95	2,68	8,32	2,68	8,69	2,68	8,87	2,68	9,40	2,68	9,75	2,68
1.5+1.5+2.0+3.5+6.0	22,0	10,65	2,44	11,12	2,49	11,59	2,55	11,82	2,58	12,52	2,66	12,99	2,72
	25,0	10,37	2,54	10,83	2,60	11,30	2,65	11,54	2,68	12,24	2,76	12,71	2,82
	32,0	9,70	2,80	10,17	2,86	10,64	2,91	10,87	2,94	11,58	3,03	12,04	3,08
	35,0	9,42	2,92	9,89	2,98	10,36	3,01	10,59	3,03	11,29	3,15	11,76	3,20
	40,0	8,95	3,14	9,41	3,19	9,88	3,25	10,12	3,28	10,80	3,32	11,23	3,32
	43,0	8,66	3,17	9,10	3,17	9,54	3,17	9,76	3,17	10,40	3,17	10,81	3,17
	46,0	8,18	2,60	8,55	2,60	8,92	2,60	9,10	2,60	9,63	2,60	9,98	2,60
1.5+1.5+2.0+3.5+7.1	22,0	10,77	2,51	11,24	2,56	11,71	2,62	11,94	2,65	12,64	2,73	13,11	2,79
	25,0	10,49	2,61	10,95	2,67	11,42	2,72	11,66	2,75	12,36	2,83	12,83	2,89
	32,0	9,82	2,87	10,29	2,93	10,76	2,98	10,99	3,01	11,70	3,10	12,16	3,15
	35,0	9,54	2,99	10,01	3,05	10,48	3,08	10,71	3,10	11,41	3,22	11,88	3,27
	40,0	9,07	3,21	9,53	3,26	10,00	3,32	10,24	3,35	10,92	3,39	11,35	3,39
	43,0	8,78	3,24	9,22	3,24	9,66	3,24	9,88	3,24	10,52	3,24	10,93	3,24
	46,0	8,30	2,67	8,67	2,67	9,04	2,67	9,22	2,67	9,75	2,67	10,10	2,67
1.5+1.5+2.0+4.2+4.2	22,0	10,25	2,50	10,68	2,53	11,12	2,64	11,33	2,66	11,99	2,74	12,42	2,79
	25,0	9,98	2,60	10,42	2,68	10,85	2,73	11,07	2,75	11,72	2,83	12,16	2,88
	32,0	9,37	2,86	9,80	2,91	10,24	2,96	10,45	2,99	11,11	3,06	11,54	3,11
	35,0	9,10	2,97	9,54	3,06	9,97	3,07	10,19	3,09	10,84	3,17	11,28	3,22
	40,0	8,66	3,16	9,10	3,21	9,53	3,26	9,75	3,28	10,40	3,36	10,84	3,41
	43,0	8,40	3,28	8,83	3,33	9,27	3,38	9,49	3,40	10,14	3,48	10,57	3,53
	46,0	8,00	3,03	8,38	3,03	8,75	3,03	8,93	3,03	9,46	3,03	9,81	3,03
1.5+1.5+2.0+4.2+5.0	22,0	10,42	2,52	10,89	2,57	11,36	2,63	11,59	2,66	12,29	2,74	12,76	2,80
	25,0	10,14	2,62	10,60	2,68	11,07	2,73	11,31	2,76	12,01	2,84	12,48	2,90
	32,0	9,47	2,88	9,94	2,94	10,41	2,99	10,64	3,02	11,35	3,11	11,81	3,16
	35,0	9,19	3,00	9,66	3,06	10,13	3,09	10,36	3,11	11,06	3,23	11,53	3,28
	40,0	8,72	3,22	9,18	3,27	9,65	3,33	9,89	3,36	10,57	3,40	11,00	3,40
	43,0	8,43	3,25	8,87	3,25	9,31	3,25	9,53	3,25	10,17	3,25	10,58	3,25
	46,0	7,95	2,68	8,32	2,68	8,69	2,68	8,87	2,68	9,40	2,68	9,75	2,68

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104145

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.0+4.2+6.0	22,0	10,74	2,51	11,21	2,56	11,68	2,62	11,91	2,65	12,61	2,73	13,08	2,79
	25,0	10,46	2,61	10,92	2,67	11,39	2,72	11,63	2,75	12,33	2,83	12,80	2,89
	32,0	9,79	2,87	10,26	2,93	10,73	2,98	10,96	3,01	11,67	3,10	12,13	3,15
	35,0	9,51	2,99	9,98	3,05	10,45	3,08	10,68	3,10	11,38	3,22	11,85	3,27
	40,0	9,04	3,21	9,50	3,26	9,97	3,32	10,21	3,35	10,89	3,39	11,32	3,39
	43,0	8,75	3,24	9,19	3,24	9,63	3,24	9,85	3,24	10,49	3,24	10,90	3,24
	46,0	8,27	2,67	8,64	2,67	9,01	2,67	9,19	2,67	9,72	2,67	10,07	2,67
1.5+1.5+2.0+5.0+5.0	22,0	10,72	2,69	11,19	2,74	11,66	2,80	11,89	2,83	12,59	2,91	13,06	2,97
	25,0	10,44	2,79	10,90	2,85	11,37	2,90	11,61	2,93	12,31	3,01	12,78	3,07
	32,0	9,77	3,05	10,24	3,11	10,71	3,16	10,94	3,19	11,65	3,28	12,11	3,33
	35,0	9,49	3,17	9,96	3,23	10,43	3,26	10,66	3,28	11,36	3,40	11,83	3,45
	40,0	9,02	3,39	9,48	3,44	9,95	3,50	10,19	3,53	10,87	3,57	11,30	3,57
	43,0	8,73	3,42	9,17	3,42	9,61	3,42	9,83	3,42	10,47	3,42	10,88	3,42
	46,0	8,25	2,85	8,62	2,85	8,99	2,85	9,17	2,85	9,70	2,85	10,05	2,85
1.5+1.5+2.5+2.5+2.5	22,0	9,49	2,13	9,91	2,17	10,33	2,22	10,53	2,24	11,16	2,31	11,57	2,35
	25,0	9,24	2,21	9,66	2,26	10,07	2,30	10,28	2,32	10,90	2,39	11,32	2,44
	32,0	8,65	2,42	9,07	2,47	9,48	2,51	9,69	2,54	9,72	2,60	10,73	2,65
	35,0	8,40	2,52	8,82	2,57	9,23	2,61	9,44	2,63	9,68	2,70	10,48	2,75
	40,0	7,98	2,69	8,40	2,74	8,81	2,78	9,02	2,81	9,64	2,87	10,06	2,92
	43,0	7,73	2,80	8,14	2,85	8,56	2,89	8,77	2,91	9,39	2,98	9,81	3,03
	46,0	7,45	2,85	7,83	2,85	8,21	2,85	8,39	2,85	8,93	2,85	9,28	2,85
1.5+1.5+2.5+2.5+3.5	22,0	9,89	2,30	10,33	2,35	10,77	2,41	11,00	2,43	11,66	2,51	12,11	2,56
	25,0	9,62	2,40	10,06	2,45	10,51	2,50	10,73	2,53	11,39	2,61	11,84	2,66
	32,0	8,99	2,64	9,43	2,69	9,88	2,74	10,10	2,77	10,77	2,85	11,21	2,90
	35,0	8,72	2,75	9,16	2,81	9,61	2,86	9,83	2,88	10,50	2,96	10,94	3,01
	40,0	8,27	2,95	8,71	3,00	9,16	3,06	9,38	3,08	10,05	3,16	10,49	3,21
	43,0	8,00	3,08	8,45	3,13	8,89	3,18	9,11	3,21	9,75	3,24	10,16	3,24
	46,0	7,57	2,67	7,95	2,67	8,31	2,67	8,49	2,67	9,02	2,67	9,37	2,67
1.5+1.5+2.5+2.5+4.2	22,0	10,13	2,44	10,57	2,49	11,01	2,55	11,24	2,57	11,90	2,65	12,35	2,70
	25,0	9,86	2,54	10,30	2,59	10,75	2,64	10,97	2,67	11,63	2,75	12,08	2,80
	32,0	9,23	2,78	9,67	2,83	10,12	2,88	10,34	2,91	11,01	2,99	11,45	3,04
	35,0	8,96	2,89	9,40	2,95	9,85	3,00	10,07	3,02	10,74	3,10	11,18	3,15
	40,0	8,51	3,09	8,95	3,14	9,40	3,20	9,62	3,22	10,29	3,30	10,73	3,35
	43,0	8,24	3,22	8,69	3,27	9,13	3,32	9,35	3,35	9,99	3,38	10,40	3,38
	46,0	7,81	2,81	8,19	2,81	8,55	2,81	8,73	2,81	9,26	2,81	9,61	2,81
1.5+1.5+2.5+2.5+5.0	22,0	10,35	2,49	10,81	2,54	11,28	2,60	11,51	2,63	12,21	2,71	12,67	2,77
	25,0	10,07	2,59	10,53	2,65	11,00	2,70	11,23	2,73	11,93	2,81	12,39	2,87
	32,0	9,41	2,85	9,87	2,91	10,34	2,96	10,57	2,99	11,27	3,08	11,73	3,13
	35,0	9,13	2,97	9,59	3,03	10,06	3,09	10,29	3,11	10,99	3,20	11,45	3,25
	40,0	8,66	3,19	9,12	3,24	9,59	3,30	9,82	3,33	10,50	3,37	10,93	3,37
	43,0	8,37	3,22	8,82	3,22	9,25	3,22	9,47	3,22	10,10	3,22	10,51	3,22
	46,0	7,90	2,65	8,28	2,65	8,64	2,65	8,82	2,65	9,35	2,65	9,70	2,65

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.5+2.5+6.0	22,0	10,58	2,41	11,04	2,46	11,51	2,52	11,74	2,55	12,44	2,63	12,90	2,69
	25,0	10,30	2,51	10,76	2,57	11,23	2,62	11,46	2,65	12,16	2,73	12,62	2,79
	32,0	9,64	2,77	10,10	2,83	10,57	2,88	10,80	2,91	11,50	3,00	11,96	3,05
	35,0	9,36	2,89	9,82	2,95	10,29	3,01	10,52	3,03	11,22	3,12	11,68	3,17
	40,0	8,89	3,11	9,35	3,16	9,82	3,22	10,05	3,25	10,73	3,29	11,16	3,29
	43,0	8,60	3,14	9,05	3,14	9,48	3,14	9,70	3,14	10,33	3,14	10,74	3,14
	46,0	8,13	2,57	8,51	2,57	8,87	2,57	9,05	2,57	9,58	2,57	9,93	2,57
1.5+1.5+2.5+2.5+7.1	22,0	10,73	2,48	11,19	2,53	11,66	2,59	11,89	2,62	12,59	2,70	13,05	2,76
	25,0	10,45	2,58	10,91	2,64	11,38	2,69	11,61	2,72	12,31	2,80	12,77	2,86
	32,0	9,79	2,84	10,25	2,90	10,72	2,95	10,95	2,98	11,65	3,07	12,11	3,12
	35,0	9,51	2,96	9,97	3,02	10,44	3,08	10,67	3,10	11,37	3,19	11,83	3,24
	40,0	9,04	3,18	9,50	3,23	9,97	3,29	10,20	3,32	10,88	3,36	11,31	3,36
	43,0	8,75	3,21	9,20	3,21	9,63	3,21	9,85	3,21	10,48	3,21	10,89	3,21
	46,0	8,28	2,64	8,66	2,64	9,02	2,64	9,20	2,64	9,73	2,64	10,08	2,64
1.5+1.5+2.5+3.5+3.5	22,0	10,22	2,49	10,65	2,52	11,09	2,63	11,30	2,65	11,96	2,73	12,39	2,78
	25,0	9,95	2,59	10,39	2,67	10,82	2,72	11,04	2,74	11,69	2,82	12,13	2,87
	32,0	9,34	2,85	9,77	2,90	10,21	2,95	10,42	2,98	11,08	3,05	11,51	3,10
	35,0	9,07	2,96	9,51	3,05	9,94	3,06	10,16	3,08	10,81	3,16	11,25	3,21
	40,0	8,63	3,15	9,07	3,20	9,50	3,25	9,72	3,27	10,37	3,35	10,81	3,40
	43,0	8,37	3,27	8,80	3,32	9,24	3,37	9,46	3,39	10,11	3,47	10,54	3,52
	46,0	7,97	3,02	8,35	3,02	8,72	3,02	8,90	3,02	9,43	3,02	9,78	3,02
1.5+1.5+2.5+3.5+4.2	22,0	10,24	2,49	10,67	2,52	11,11	2,63	11,32	2,65	11,98	2,73	12,41	2,78
	25,0	9,97	2,59	10,41	2,67	10,84	2,72	11,06	2,74	11,71	2,82	12,15	2,87
	32,0	9,36	2,85	9,79	2,90	10,23	2,95	10,44	2,98	11,10	3,05	11,53	3,10
	35,0	9,09	2,96	9,53	3,05	9,96	3,06	10,18	3,08	10,83	3,16	11,27	3,21
	40,0	8,65	3,15	9,09	3,20	9,52	3,25	9,74	3,27	10,39	3,35	10,83	3,40
	43,0	8,39	3,27	8,82	3,32	9,26	3,37	9,48	3,39	10,13	3,47	10,56	3,52
	46,0	7,99	3,02	8,37	3,02	8,74	3,02	8,92	3,02	9,45	3,02	9,80	3,02
1.5+1.5+2.5+3.5+5.0	22,0	10,42	2,52	10,89	2,57	11,36	2,63	11,59	2,66	12,29	2,74	12,76	2,80
	25,0	10,14	2,62	10,60	2,68	11,07	2,73	11,31	2,76	12,01	2,84	12,48	2,90
	32,0	9,47	2,88	9,94	2,94	10,41	2,99	10,64	3,02	11,35	3,11	11,81	3,16
	35,0	9,19	3,00	9,66	3,06	10,13	3,09	10,36	3,11	11,06	3,23	11,53	3,28
	40,0	8,72	3,22	9,18	3,27	9,65	3,33	9,89	3,36	10,57	3,40	11,00	3,40
	43,0	8,43	3,25	8,87	3,25	9,31	3,25	9,53	3,25	10,17	3,25	10,58	3,25
	46,0	7,95	2,68	8,32	2,68	8,69	2,68	8,87	2,68	9,40	2,68	9,75	2,68
1.5+1.5+2.5+3.5+6.0	22,0	10,72	2,51	11,19	2,56	11,66	2,62	11,89	2,65	12,59	2,73	13,06	2,79
	25,0	10,44	2,61	10,90	2,67	11,37	2,72	11,61	2,75	12,31	2,83	12,78	2,89
	32,0	9,77	2,87	10,24	2,93	10,71	2,98	10,94	3,01	11,65	3,10	12,11	3,15
	35,0	9,49	2,99	9,96	3,05	10,43	3,08	10,66	3,10	11,36	3,22	11,83	3,27
	40,0	9,02	3,21	9,48	3,26	9,95	3,32	10,19	3,35	10,87	3,39	11,30	3,39
	43,0	8,73	3,24	9,17	3,24	9,61	3,24	9,83	3,24	10,47	3,24	10,88	3,24
	46,0	8,25	2,67	8,62	2,67	8,99	2,67	9,17	2,67	9,70	2,67	10,05	2,67

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104148

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.5+4.2+4.2	22,0	10,25	2,50	10,68	2,53	11,12	2,64	11,33	2,66	11,99	2,74	12,42	2,79
	25,0	9,98	2,60	10,42	2,68	10,85	2,73	11,07	2,75	11,72	2,83	12,16	2,88
	32,0	9,37	2,86	9,80	2,91	10,24	2,96	10,45	2,99	11,11	3,06	11,54	3,11
	35,0	9,10	2,97	9,54	3,06	9,97	3,07	10,19	3,09	10,84	3,17	11,28	3,22
	40,0	8,66	3,16	9,10	3,21	9,53	3,26	9,75	3,28	10,40	3,36	10,84	3,41
	43,0	8,40	3,28	8,83	3,33	9,27	3,38	9,49	3,40	10,14	3,48	10,57	3,53
	46,0	8,00	3,03	8,38	3,03	8,75	3,03	8,93	3,03	9,46	3,03	9,81	3,03
1.5+1.5+2.5+4.2+5.0	22,0	10,68	2,80	11,15	2,85	11,62	2,91	11,85	2,94	12,55	3,02	13,02	3,08
	25,0	10,40	2,90	10,86	2,96	11,33	3,01	11,57	3,04	12,27	3,12	12,74	3,18
	32,0	9,73	3,16	10,20	3,22	10,67	3,27	10,90	3,30	11,61	3,39	12,07	3,44
	35,0	9,45	3,28	9,92	3,34	10,39	3,37	10,62	3,39	11,32	3,51	11,79	3,56
	40,0	8,98	3,50	9,44	3,55	9,91	3,61	10,15	3,64	10,83	3,68	11,26	3,68
	43,0	8,69	3,53	9,13	3,53	9,57	3,53	9,79	3,53	10,43	3,53	10,84	3,53
	46,0	8,21	2,96	8,58	2,96	8,95	2,96	9,13	2,96	9,66	2,96	10,01	2,96
1.5+1.5+2.5+5.0+5.0	22,0	10,76	2,69	11,23	2,74	11,70	2,80	11,93	2,83	12,63	2,91	13,10	2,97
	25,0	10,48	2,79	10,94	2,85	11,41	2,90	11,65	2,93	12,35	3,01	12,82	3,07
	32,0	9,81	3,05	10,28	3,11	10,75	3,16	10,98	3,19	11,69	3,28	12,15	3,33
	35,0	9,53	3,17	10,00	3,23	10,47	3,26	10,70	3,28	11,40	3,40	11,87	3,45
	40,0	9,06	3,39	9,52	3,44	9,99	3,50	10,23	3,53	10,91	3,57	11,34	3,57
	43,0	8,77	3,42	9,21	3,42	9,65	3,42	9,87	3,42	10,51	3,42	10,92	3,42
	46,0	8,29	2,85	8,66	2,85	9,03	2,85	9,21	2,85	9,74	2,85	10,09	2,85
1.5+1.5+3.5+3.5+3.5	22,0	10,24	2,46	10,71	2,51	11,18	2,57	11,41	2,60	12,11	2,68	12,58	2,74
	25,0	9,96	2,56	10,42	2,62	10,89	2,67	11,13	2,70	11,83	2,78	12,30	2,84
	32,0	9,29	2,82	9,76	2,88	10,23	2,93	10,46	2,96	11,17	3,05	11,63	3,10
	35,0	9,01	2,94	9,48	3,00	9,95	3,06	10,18	3,08	10,88	3,17	11,35	3,22
	40,0	8,54	3,16	9,00	3,21	9,47	3,27	9,71	3,30	10,39	3,34	10,82	3,34
	43,0	8,34	3,19	8,69	3,19	9,13	3,19	9,35	3,19	9,99	3,19	10,40	3,19
	46,0	7,77	2,62	8,14	2,62	8,51	2,62	8,69	2,62	9,22	2,62	9,57	2,62
1.5+1.5+3.5+3.5+4.2	22,0	10,25	2,47	10,72	2,52	11,19	2,58	11,42	2,61	12,12	2,69	12,59	2,75
	25,0	9,97	2,57	10,43	2,63	10,90	2,68	11,14	2,71	11,84	2,79	12,31	2,85
	32,0	9,30	2,83	9,77	2,89	10,24	2,94	10,47	2,97	11,18	3,06	11,64	3,11
	35,0	9,02	2,95	9,49	3,01	9,96	3,07	10,19	3,09	10,89	3,18	11,36	3,23
	40,0	8,55	3,17	9,01	3,22	9,48	3,28	9,72	3,31	10,40	3,35	10,83	3,35
	43,0	8,35	3,20	8,70	3,20	9,14	3,20	9,36	3,20	10,00	3,20	10,41	3,20
	46,0	7,78	2,63	8,15	2,63	8,52	2,63	8,70	2,63	9,23	2,63	9,58	2,63
1.5+1.5+3.5+3.5+5.0	22,0	10,72	2,79	11,19	2,84	11,66	2,90	11,89	2,93	12,59	3,01	13,06	3,07
	25,0	10,44	2,89	10,90	2,95	11,37	3,00	11,61	3,03	12,31	3,11	12,78	3,17
	32,0	9,77	3,15	10,24	3,21	10,71	3,26	10,94	3,29	11,65	3,38	12,11	3,43
	35,0	9,49	3,27	9,96	3,33	10,43	3,36	10,66	3,38	11,36	3,50	11,83	3,55
	40,0	9,02	3,49	9,48	3,54	9,95	3,60	10,19	3,63	10,87	3,67	11,30	3,67
	43,0	8,73	3,52	9,17	3,52	9,61	3,52	9,83	3,52	10,47	3,52	10,88	3,52
	46,0	8,25	2,95	8,62	2,95	8,99	2,95	9,17	2,95	9,70	2,95	10,05	2,95

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+3.5+4.2+4.2	22,0	10,71	2,95	11,18	3,00	11,65	3,06	11,88	3,09	12,58	3,17	13,05	3,23
	25,0	10,43	3,05	10,89	3,11	11,36	3,16	11,60	3,19	12,30	3,27	12,77	3,33
	32,0	9,76	3,31	10,23	3,37	10,70	3,42	10,93	3,45	11,64	3,54	12,10	3,59
	35,0	9,48	3,43	9,95	3,49	10,42	3,55	10,65	3,57	11,35	3,66	11,82	3,71
	40,0	9,01	3,65	9,47	3,70	9,94	3,76	10,18	3,79	10,86	3,83	11,29	3,83
	43,0	8,81	3,68	9,16	3,68	9,60	3,68	9,82	3,68	10,46	3,68	10,87	3,68
	46,0	8,24	3,11	8,61	3,11	8,98	3,11	9,16	3,11	9,69	3,11	10,04	3,11
1.5+2.0+2.0+2.0+2.0	22,0	9,01	1,89	9,43	1,93	9,85	1,98	10,05	2,00	10,68	2,07	11,09	2,11
	25,0	8,76	1,97	9,18	2,02	9,59	2,06	9,80	2,08	10,42	2,15	10,84	2,20
	32,0	8,17	2,18	8,59	2,23	9,00	2,27	9,21	2,30	9,24	2,36	10,25	2,41
	35,0	7,92	2,28	8,34	2,33	8,75	2,37	8,96	2,39	9,20	2,46	10,00	2,51
	40,0	7,50	2,45	7,92	2,50	8,33	2,54	8,54	2,57	9,16	2,63	9,58	2,68
	43,0	7,25	2,56	7,66	2,61	8,08	2,65	8,29	2,67	8,91	2,74	9,33	2,79
	46,0	6,97	2,61	7,35	2,61	7,73	2,61	7,91	2,61	8,45	2,61	8,80	2,61
1.5+2.0+2.0+2.0+2.5	22,0	9,26	2,00	9,68	2,04	10,10	2,09	10,30	2,11	10,93	2,18	11,34	2,22
	25,0	9,01	2,08	9,43	2,13	9,84	2,17	10,05	2,19	10,67	2,26	11,09	2,31
	32,0	8,42	2,29	8,84	2,34	9,25	2,38	9,46	2,41	9,49	2,47	10,50	2,52
	35,0	8,17	2,39	8,59	2,44	9,00	2,48	9,21	2,50	9,45	2,57	10,25	2,62
	40,0	7,75	2,56	8,17	2,61	8,58	2,65	8,79	2,68	9,41	2,74	9,83	2,79
	43,0	7,50	2,67	7,91	2,72	8,33	2,76	8,54	2,78	9,16	2,85	9,58	2,90
	46,0	7,22	2,72	7,60	2,72	7,98	2,72	8,16	2,72	8,70	2,72	9,05	2,72
1.5+2.0+2.0+2.0+3.5	22,0	9,70	2,17	10,14	2,22	10,58	2,28	10,81	2,30	11,47	2,38	11,92	2,43
	25,0	9,43	2,27	9,87	2,32	10,32	2,37	10,54	2,40	11,20	2,48	11,65	2,53
	32,0	8,80	2,51	9,24	2,56	9,69	2,61	9,91	2,64	10,58	2,72	11,02	2,77
	35,0	8,53	2,62	8,97	2,68	9,42	2,73	9,64	2,75	10,31	2,83	10,75	2,88
	40,0	8,08	2,82	8,52	2,87	8,97	2,93	9,19	2,95	9,86	3,03	10,30	3,08
	43,0	7,81	2,95	8,26	3,00	8,70	3,05	8,92	3,08	9,56	3,11	9,97	3,11
	46,0	7,38	2,54	7,76	2,54	8,12	2,54	8,30	2,54	8,83	2,54	9,18	2,54
1.5+2.0+2.0+2.0+4.2	22,0	9,96	2,37	10,40	2,42	10,84	2,48	11,07	2,50	11,73	2,58	12,18	2,63
	25,0	9,69	2,47	10,13	2,52	10,58	2,57	10,80	2,60	11,46	2,68	11,91	2,73
	32,0	9,06	2,71	9,50	2,76	9,95	2,81	10,17	2,84	10,84	2,92	11,28	2,97
	35,0	8,79	2,82	9,23	2,88	9,68	2,93	9,90	2,95	10,57	3,03	11,01	3,08
	40,0	8,34	3,02	8,78	3,07	9,23	3,13	9,45	3,15	10,12	3,23	10,56	3,28
	43,0	8,07	3,15	8,52	3,20	8,96	3,25	9,18	3,28	9,82	3,31	10,23	3,31
	46,0	7,64	2,74	8,02	2,74	8,38	2,74	8,56	2,74	9,09	2,74	9,44	2,74
1.5+2.0+2.0+2.0+5.0	22,0	10,22	2,41	10,68	2,46	11,15	2,52	11,38	2,55	12,08	2,63	12,54	2,69
	25,0	9,94	2,51	10,40	2,57	10,87	2,62	11,10	2,65	11,80	2,73	12,26	2,79
	32,0	9,28	2,77	9,74	2,83	10,21	2,88	10,44	2,91	11,14	3,00	11,60	3,05
	35,0	9,00	2,89	9,46	2,95	9,93	3,01	10,16	3,03	10,86	3,12	11,32	3,17
	40,0	8,53	3,11	8,99	3,16	9,46	3,22	9,69	3,25	10,37	3,29	10,80	3,29
	43,0	8,24	3,14	8,69	3,14	9,12	3,14	9,34	3,14	9,97	3,14	10,38	3,14
	46,0	7,77	2,57	8,15	2,57	8,51	2,57	8,69	2,57	9,22	2,57	9,57	2,57

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104151

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.0+2.0+6.0	22,0	10,47	2,33	10,93	2,38	11,40	2,44	11,63	2,47	12,33	2,55	12,79	2,61
	25,0	10,19	2,43	10,65	2,49	11,12	2,54	11,35	2,57	12,05	2,65	12,51	2,71
	32,0	9,53	2,69	9,99	2,75	10,46	2,80	10,69	2,83	11,39	2,92	11,85	2,97
	35,0	9,25	2,81	9,71	2,87	10,18	2,93	10,41	2,95	11,11	3,04	11,57	3,09
	40,0	8,78	3,03	9,24	3,08	9,71	3,14	9,94	3,17	10,62	3,21	11,05	3,21
	43,0	8,49	3,06	8,94	3,06	9,37	3,06	9,59	3,06	10,22	3,06	10,63	3,06
	46,0	8,02	2,49	8,40	2,49	8,76	2,49	8,94	2,49	9,47	2,49	9,82	2,49
1.5+2.0+2.0+2.0+7.1	22,0	10,67	2,41	11,13	2,46	11,60	2,52	11,83	2,55	12,53	2,63	12,99	2,69
	25,0	10,39	2,51	10,85	2,57	11,32	2,62	11,55	2,65	12,25	2,73	12,71	2,79
	32,0	9,73	2,77	10,19	2,83	10,66	2,88	10,89	2,91	11,59	3,00	12,05	3,05
	35,0	9,45	2,89	9,91	2,95	10,38	3,01	10,61	3,03	11,31	3,12	11,77	3,17
	40,0	8,98	3,11	9,44	3,16	9,91	3,22	10,14	3,25	10,82	3,29	11,25	3,29
	43,0	8,69	3,14	9,14	3,14	9,57	3,14	9,79	3,14	10,42	3,14	10,83	3,14
	46,0	8,22	2,57	8,60	2,57	8,96	2,57	9,14	2,57	9,67	2,57	10,02	2,57
1.5+2.0+2.0+2.5+2.5	22,0	9,49	2,13	9,91	2,17	10,33	2,22	10,53	2,24	11,16	2,31	11,57	2,35
	25,0	9,24	2,21	9,66	2,26	10,07	2,30	10,28	2,32	10,90	2,39	11,32	2,44
	32,0	8,65	2,42	9,07	2,47	9,48	2,51	9,69	2,54	9,72	2,60	10,73	2,65
	35,0	8,40	2,52	8,82	2,57	9,23	2,61	9,44	2,63	9,68	2,70	10,48	2,75
	40,0	7,98	2,69	8,40	2,74	8,81	2,78	9,02	2,81	9,64	2,87	10,06	2,92
	43,0	7,73	2,80	8,14	2,85	8,56	2,89	8,77	2,91	9,39	2,98	9,81	3,03
	46,0	7,45	2,85	7,83	2,85	8,21	2,85	8,39	2,85	8,93	2,85	9,28	2,85
1.5+2.0+2.0+2.5+3.5	22,0	9,89	2,30	10,33	2,35	10,77	2,41	11,00	2,43	11,66	2,51	12,11	2,56
	25,0	9,62	2,40	10,06	2,45	10,51	2,50	10,73	2,53	11,39	2,61	11,84	2,66
	32,0	8,99	2,64	9,43	2,69	9,88	2,74	10,10	2,77	10,77	2,85	11,21	2,90
	35,0	8,72	2,75	9,16	2,81	9,61	2,86	9,83	2,88	10,50	2,96	10,94	3,01
	40,0	8,27	2,95	8,71	3,00	9,16	3,06	9,38	3,08	10,05	3,16	10,49	3,21
	43,0	8,00	3,08	8,45	3,13	8,89	3,18	9,11	3,21	9,75	3,24	10,16	3,24
	46,0	7,57	2,67	7,95	2,67	8,31	2,67	8,49	2,67	9,02	2,67	9,37	2,67
1.5+2.0+2.0+2.5+4.2	22,0	10,13	2,44	10,57	2,49	11,01	2,55	11,24	2,57	11,90	2,65	12,35	2,70
	25,0	9,86	2,54	10,30	2,59	10,75	2,64	10,97	2,67	11,63	2,75	12,08	2,80
	32,0	9,23	2,78	9,67	2,83	10,12	2,88	10,34	2,91	11,01	2,99	11,45	3,04
	35,0	8,96	2,89	9,40	2,95	9,85	3,00	10,07	3,02	10,74	3,10	11,18	3,15
	40,0	8,51	3,09	8,95	3,14	9,40	3,20	9,62	3,22	10,29	3,30	10,73	3,35
	43,0	8,24	3,22	8,69	3,27	9,13	3,32	9,35	3,35	9,99	3,38	10,40	3,38
	46,0	7,81	2,81	8,19	2,81	8,55	2,81	8,73	2,81	9,26	2,81	9,61	2,81
1.5+2.0+2.0+2.5+5.0	22,0	10,35	2,49	10,81	2,54	11,28	2,60	11,51	2,63	12,21	2,71	12,67	2,77
	25,0	10,07	2,59	10,53	2,65	11,00	2,70	11,23	2,73	11,93	2,81	12,39	2,87
	32,0	9,41	2,85	9,87	2,91	10,34	2,96	10,57	2,99	11,27	3,08	11,73	3,13
	35,0	9,13	2,97	9,59	3,03	10,06	3,09	10,29	3,11	10,99	3,20	11,45	3,25
	40,0	8,66	3,19	9,12	3,24	9,59	3,30	9,82	3,33	10,50	3,37	10,93	3,37
	43,0	8,37	3,22	8,82	3,22	9,25	3,22	9,47	3,22	10,10	3,22	10,51	3,22
	46,0	7,90	2,65	8,28	2,65	8,64	2,65	8,82	2,65	9,35	2,65	9,70	2,65

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.0+2.5+6.0	22,0	10,58	2,41	11,04	2,46	11,51	2,52	11,74	2,55	12,44	2,63	12,90	2,69
	25,0	10,30	2,51	10,76	2,57	11,23	2,62	11,46	2,65	12,16	2,73	12,62	2,79
	32,0	9,64	2,77	10,10	2,83	10,57	2,88	10,80	2,91	11,50	3,00	11,96	3,05
	35,0	9,36	2,89	9,82	2,95	10,29	3,01	10,52	3,03	11,22	3,12	11,68	3,17
	40,0	8,89	3,11	9,35	3,16	9,82	3,22	10,05	3,25	10,73	3,29	11,16	3,29
	43,0	8,60	3,14	9,05	3,14	9,48	3,14	9,70	3,14	10,33	3,14	10,74	3,14
	46,0	8,13	2,57	8,51	2,57	8,87	2,57	9,05	2,57	9,58	2,57	9,93	2,57
1.5+2.0+2.0+2.5+7.1	22,0	10,73	2,48	11,19	2,53	11,66	2,59	11,89	2,62	12,59	2,70	13,05	2,76
	25,0	10,45	2,58	10,91	2,64	11,38	2,69	11,61	2,72	12,31	2,80	12,77	2,86
	32,0	9,79	2,84	10,25	2,90	10,72	2,95	10,95	2,98	11,65	3,07	12,11	3,12
	35,0	9,51	2,96	9,97	3,02	10,44	3,08	10,67	3,10	11,37	3,19	11,83	3,24
	40,0	9,04	3,18	9,50	3,23	9,97	3,29	10,20	3,32	10,88	3,36	11,31	3,36
	43,0	8,75	3,21	9,20	3,21	9,63	3,21	9,85	3,21	10,48	3,21	10,89	3,21
	46,0	8,28	2,64	8,66	2,64	9,02	2,64	9,20	2,64	9,73	2,64	10,08	2,64
1.5+2.0+2.0+3.5+3.5	22,0	10,22	2,49	10,65	2,52	11,09	2,63	11,30	2,65	11,96	2,73	12,39	2,78
	25,0	9,95	2,59	10,39	2,67	10,82	2,72	11,04	2,74	11,69	2,82	12,13	2,87
	32,0	9,34	2,85	9,77	2,90	10,21	2,95	10,42	2,98	11,08	3,05	11,51	3,10
	35,0	9,07	2,96	9,51	3,05	9,94	3,06	10,16	3,08	10,81	3,16	11,25	3,21
	40,0	8,63	3,15	9,07	3,20	9,50	3,25	9,72	3,27	10,37	3,35	10,81	3,40
	43,0	8,37	3,27	8,80	3,32	9,24	3,37	9,46	3,39	10,11	3,47	10,54	3,52
	46,0	7,97	3,02	8,35	3,02	8,72	3,02	8,90	3,02	9,43	3,02	9,78	3,02
1.5+2.0+2.0+3.5+4.2	22,0	10,24	2,49	10,67	2,52	11,11	2,63	11,32	2,65	11,98	2,73	12,41	2,78
	25,0	9,97	2,59	10,41	2,67	10,84	2,72	11,06	2,74	11,71	2,82	12,15	2,87
	32,0	9,36	2,85	9,79	2,90	10,23	2,95	10,44	2,98	11,10	3,05	11,53	3,10
	35,0	9,09	2,96	9,53	3,05	9,96	3,06	10,18	3,08	10,83	3,16	11,27	3,21
	40,0	8,65	3,15	9,09	3,20	9,52	3,25	9,74	3,27	10,39	3,35	10,83	3,40
	43,0	8,39	3,27	8,82	3,32	9,26	3,37	9,48	3,39	10,13	3,47	10,56	3,52
	46,0	7,99	3,02	8,37	3,02	8,74	3,02	8,92	3,02	9,45	3,02	9,80	3,02
1.5+2.0+2.0+3.5+5.0	22,0	10,42	2,52	10,89	2,57	11,36	2,63	11,59	2,66	12,29	2,74	12,76	2,80
	25,0	10,14	2,62	10,60	2,68	11,07	2,73	11,31	2,76	12,01	2,84	12,48	2,90
	32,0	9,47	2,88	9,94	2,94	10,41	2,99	10,64	3,02	11,35	3,11	11,81	3,16
	35,0	9,19	3,00	9,66	3,06	10,13	3,09	10,36	3,11	11,06	3,23	11,53	3,28
	40,0	8,72	3,22	9,18	3,27	9,65	3,33	9,89	3,36	10,57	3,40	11,00	3,40
	43,0	8,43	3,25	8,87	3,25	9,31	3,25	9,53	3,25	10,17	3,25	10,58	3,25
	46,0	7,95	2,68	8,32	2,68	8,69	2,68	8,87	2,68	9,40	2,68	9,75	2,68
1.5+2.0+2.0+3.5+6.0	22,0	10,72	2,51	11,19	2,56	11,66	2,62	11,89	2,65	12,59	2,73	13,06	2,79
	25,0	10,44	2,61	10,90	2,67	11,37	2,72	11,61	2,75	12,31	2,83	12,78	2,89
	32,0	9,77	2,87	10,24	2,93	10,71	2,98	10,94	3,01	11,65	3,10	12,11	3,15
	35,0	9,49	2,99	9,96	3,05	10,43	3,08	10,66	3,10	11,36	3,22	11,83	3,27
	40,0	9,02	3,21	9,48	3,26	9,95	3,32	10,19	3,35	10,87	3,39	11,30	3,39
	43,0	8,73	3,24	9,17	3,24	9,61	3,24	9,83	3,24	10,47	3,24	10,88	3,24
	46,0	8,25	2,67	8,62	2,67	8,99	2,67	9,17	2,67	9,70	2,67	10,05	2,67

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104152

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.0+4.2+4.2	22,0	10,25	2,50	10,68	2,53	11,12	2,64	11,33	2,66	11,99	2,74	12,42	2,79
	25,0	9,98	2,60	10,42	2,68	10,85	2,73	11,07	2,75	11,72	2,83	12,16	2,88
	32,0	9,37	2,86	9,80	2,91	10,24	2,96	10,45	2,99	11,11	3,06	11,54	3,11
	35,0	9,10	2,97	9,54	3,06	9,97	3,07	10,19	3,09	10,84	3,17	11,28	3,22
	40,0	8,66	3,16	9,10	3,21	9,53	3,26	9,75	3,28	10,40	3,36	10,84	3,41
	43,0	8,40	3,28	8,83	3,33	9,27	3,38	9,49	3,40	10,14	3,48	10,57	3,53
	46,0	8,00	3,03	8,38	3,03	8,75	3,03	8,93	3,03	9,46	3,03	9,81	3,03
1.5+2.0+2.0+4.2+5.0	22,0	10,68	2,80	11,15	2,85	11,62	2,91	11,85	2,94	12,55	3,02	13,02	3,08
	25,0	10,40	2,90	10,86	2,96	11,33	3,01	11,57	3,04	12,27	3,12	12,74	3,18
	32,0	9,73	3,16	10,20	3,22	10,67	3,27	10,90	3,30	11,61	3,39	12,07	3,44
	35,0	9,45	3,28	9,92	3,34	10,39	3,37	10,62	3,39	11,32	3,51	11,79	3,56
	40,0	8,98	3,50	9,44	3,55	9,91	3,61	10,15	3,64	10,83	3,68	11,26	3,68
	43,0	8,69	3,53	9,13	3,53	9,57	3,53	9,79	3,53	10,43	3,53	10,84	3,53
	46,0	8,21	2,96	8,58	2,96	8,95	2,96	9,13	2,96	9,66	2,96	10,01	2,96
1.5+2.0+2.0+5.0+5.0	22,0	10,76	2,69	11,23	2,74	11,70	2,80	11,93	2,83	12,63	2,91	13,10	2,97
	25,0	10,48	2,79	10,94	2,85	11,41	2,90	11,65	2,93	12,35	3,01	12,82	3,07
	32,0	9,81	3,05	10,28	3,11	10,75	3,16	10,98	3,19	11,69	3,28	12,15	3,33
	35,0	9,53	3,17	10,00	3,23	10,47	3,26	10,70	3,28	11,40	3,40	11,87	3,45
	40,0	9,06	3,39	9,52	3,44	9,99	3,50	10,23	3,53	10,91	3,57	11,34	3,57
	43,0	8,77	3,42	9,21	3,42	9,65	3,42	9,87	3,42	10,51	3,42	10,92	3,42
	46,0	8,29	2,85	8,66	2,85	9,03	2,85	9,21	2,85	9,74	2,85	10,09	2,85
1.5+2.0+2.5+2.5+2.5	22,0	9,69	2,25	10,11	2,29	10,53	2,34	10,73	2,36	11,36	2,43	11,77	2,47
	25,0	9,44	2,33	9,86	2,38	10,27	2,42	10,48	2,44	11,10	2,51	11,52	2,56
	32,0	8,85	2,54	9,27	2,59	9,68	2,63	9,89	2,66	9,92	2,72	10,93	2,77
	35,0	8,60	2,64	9,02	2,69	9,43	2,73	9,64	2,75	9,88	2,82	10,68	2,87
	40,0	8,18	2,81	8,60	2,86	9,01	2,90	9,22	2,93	9,84	2,99	10,26	3,04
	43,0	7,93	2,92	8,34	2,97	8,76	3,01	8,97	3,03	9,59	3,10	10,01	3,15
	46,0	7,65	2,97	8,03	2,97	8,41	2,97	8,59	2,97	9,13	2,97	9,48	2,97
1.5+2.0+2.5+2.5+3.5	22,0	10,07	2,44	10,51	2,49	10,95	2,55	11,18	2,57	11,84	2,65	12,29	2,70
	25,0	9,80	2,54	10,24	2,59	10,69	2,64	10,91	2,67	11,57	2,75	12,02	2,80
	32,0	9,17	2,78	9,61	2,83	10,06	2,88	10,28	2,91	10,95	2,99	11,39	3,04
	35,0	8,90	2,89	9,34	2,95	9,79	3,00	10,01	3,02	10,68	3,10	11,12	3,15
	40,0	8,45	3,09	8,89	3,14	9,34	3,20	9,56	3,22	10,23	3,30	10,67	3,35
	43,0	8,18	3,22	8,63	3,27	9,07	3,32	9,29	3,35	9,93	3,38	10,34	3,38
	46,0	7,75	2,81	8,13	2,81	8,49	2,81	8,67	2,81	9,20	2,81	9,55	2,81
1.5+2.0+2.5+2.5+4.2	22,0	10,23	2,50	10,67	2,55	11,11	2,61	11,34	2,63	12,00	2,71	12,45	2,76
	25,0	9,96	2,60	10,40	2,65	10,85	2,70	11,07	2,73	11,73	2,81	12,18	2,86
	32,0	9,33	2,84	9,77	2,89	10,22	2,94	10,44	2,97	11,11	3,05	11,55	3,10
	35,0	9,06	2,95	9,50	3,01	9,95	3,06	10,17	3,08	10,84	3,16	11,28	3,21
	40,0	8,61	3,15	9,05	3,20	9,50	3,26	9,72	3,28	10,39	3,36	10,83	3,41
	43,0	8,34	3,28	8,79	3,33	9,23	3,38	9,45	3,41	10,09	3,44	10,50	3,44
	46,0	7,91	2,87	8,29	2,87	8,65	2,87	8,83	2,87	9,36	2,87	9,71	2,87

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.5+2.5+5.0	22,0	10,41	2,49	10,87	2,54	11,34	2,60	11,57	2,63	12,27	2,71	12,73	2,77
	25,0	10,13	2,59	10,59	2,65	11,06	2,70	11,29	2,73	11,99	2,81	12,45	2,87
	32,0	9,47	2,85	9,93	2,91	10,40	2,96	10,63	2,99	11,33	3,08	11,79	3,13
	35,0	9,19	2,97	9,65	3,03	10,12	3,09	10,35	3,11	11,05	3,20	11,51	3,25
	40,0	8,72	3,19	9,18	3,24	9,65	3,30	9,88	3,33	10,56	3,37	10,99	3,37
	43,0	8,43	3,22	8,88	3,22	9,31	3,22	9,53	3,22	10,16	3,22	10,57	3,22
	46,0	7,96	2,65	8,34	2,65	8,70	2,65	8,88	2,65	9,41	2,65	9,76	2,65
1.5+2.0+2.5+2.5+6.0	22,0	10,65	2,41	11,11	2,46	11,58	2,52	11,81	2,55	12,51	2,63	12,97	2,69
	25,0	10,37	2,51	10,83	2,57	11,30	2,62	11,53	2,65	12,23	2,73	12,69	2,79
	32,0	9,71	2,77	10,17	2,83	10,64	2,88	10,87	2,91	11,57	3,00	12,03	3,05
	35,0	9,43	2,89	9,89	2,95	10,36	3,01	10,59	3,03	11,29	3,12	11,75	3,17
	40,0	8,96	3,11	9,42	3,16	9,89	3,22	10,12	3,25	10,80	3,29	11,23	3,29
	43,0	8,67	3,14	9,12	3,14	9,55	3,14	9,77	3,14	10,40	3,14	10,81	3,14
	46,0	8,20	2,57	8,58	2,57	8,94	2,57	9,12	2,57	9,65	2,57	10,00	2,57
1.5+2.0+2.5+2.5+7.1	22,0	10,77	2,48	11,23	2,53	11,70	2,59	11,93	2,62	12,63	2,70	13,09	2,76
	25,0	10,49	2,58	10,95	2,64	11,42	2,69	11,65	2,72	12,35	2,80	12,81	2,86
	32,0	9,83	2,84	10,29	2,90	10,76	2,95	10,99	2,98	11,69	3,07	12,15	3,12
	35,0	9,55	2,96	10,01	3,02	10,48	3,08	10,71	3,10	11,41	3,19	11,87	3,24
	40,0	9,08	3,18	9,54	3,23	10,01	3,29	10,24	3,32	10,92	3,36	11,35	3,36
	43,0	8,79	3,21	9,24	3,21	9,67	3,21	9,89	3,21	10,52	3,21	10,93	3,21
	46,0	8,32	2,64	8,70	2,64	9,06	2,64	9,24	2,64	9,77	2,64	10,12	2,64
1.5+2.0+2.5+3.5+3.5	22,0	10,23	2,49	10,66	2,52	11,10	2,63	11,31	2,65	11,97	2,73	12,40	2,78
	25,0	9,96	2,59	10,40	2,67	10,83	2,72	11,05	2,74	11,70	2,82	12,14	2,87
	32,0	9,35	2,85	9,78	2,90	10,22	2,95	10,43	2,98	11,09	3,05	11,52	3,10
	35,0	9,08	2,96	9,52	3,05	9,95	3,06	10,17	3,08	10,82	3,16	11,26	3,21
	40,0	8,64	3,15	9,08	3,20	9,51	3,25	9,73	3,27	10,38	3,35	10,82	3,40
	43,0	8,38	3,27	8,81	3,32	9,25	3,37	9,47	3,39	10,12	3,47	10,55	3,52
	46,0	7,98	3,02	8,36	3,02	8,73	3,02	8,91	3,02	9,44	3,02	9,79	3,02
1.5+2.0+2.5+3.5+4.2	22,0	10,24	2,49	10,67	2,52	11,11	2,63	11,32	2,65	11,98	2,73	12,41	2,78
	25,0	9,97	2,59	10,41	2,67	10,84	2,72	11,06	2,74	11,71	2,82	12,15	2,87
	32,0	9,36	2,85	9,79	2,90	10,23	2,95	10,44	2,98	11,10	3,05	11,53	3,10
	35,0	9,09	2,96	9,53	3,05	9,96	3,06	10,18	3,08	10,83	3,16	11,27	3,21
	40,0	8,65	3,15	9,09	3,20	9,52	3,25	9,74	3,27	10,39	3,35	10,83	3,40
	43,0	8,39	3,27	8,82	3,32	9,26	3,37	9,48	3,39	10,13	3,47	10,56	3,52
	46,0	7,99	3,02	8,37	3,02	8,74	3,02	8,92	3,02	9,45	3,02	9,80	3,02
1.5+2.0+2.5+3.5+5.0	22,0	10,42	2,52	10,89	2,57	11,36	2,63	11,59	2,66	12,29	2,74	12,76	2,80
	25,0	10,14	2,62	10,60	2,68	11,07	2,73	11,31	2,76	12,01	2,84	12,48	2,90
	32,0	9,47	2,88	9,94	2,94	10,41	2,99	10,64	3,02	11,35	3,11	11,81	3,16
	35,0	9,19	3,00	9,66	3,06	10,13	3,09	10,36	3,11	11,06	3,23	11,53	3,28
	40,0	8,72	3,22	9,18	3,27	9,65	3,33	9,89	3,36	10,57	3,40	11,00	3,40
	43,0	8,43	3,25	8,87	3,25	9,31	3,25	9,53	3,25	10,17	3,25	10,58	3,25
	46,0	7,95	2,68	8,32	2,68	8,69	2,68	8,87	2,68	9,40	2,68	9,75	2,68

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104154

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.5+3.5+6.0	22,0	10,76	2,51	11,23	2,56	11,70	2,62	11,93	2,65	12,63	2,73	13,10	2,79
	25,0	10,48	2,61	10,94	2,67	11,41	2,72	11,65	2,75	12,35	2,83	12,82	2,89
	32,0	9,81	2,87	10,28	2,93	10,75	2,98	10,98	3,01	11,69	3,10	12,15	3,15
	35,0	9,53	2,99	10,00	3,05	10,47	3,08	10,70	3,10	11,40	3,22	11,87	3,27
	40,0	9,06	3,21	9,52	3,26	9,99	3,32	10,23	3,35	10,91	3,39	11,34	3,39
	43,0	8,77	3,24	9,21	3,24	9,65	3,24	9,87	3,24	10,51	3,24	10,92	3,24
	46,0	8,29	2,67	8,66	2,67	9,03	2,67	9,21	2,67	9,74	2,67	10,09	2,67
1.5+2.0+2.5+4.2+4.2	22,0	10,25	2,50	10,68	2,53	11,12	2,64	11,33	2,66	11,99	2,74	12,42	2,79
	25,0	9,98	2,60	10,42	2,68	10,85	2,73	11,07	2,75	11,72	2,83	12,16	2,88
	32,0	9,37	2,86	9,80	2,91	10,24	2,96	10,45	2,99	11,11	3,06	11,54	3,11
	35,0	9,10	2,97	9,54	3,06	9,97	3,07	10,19	3,09	10,84	3,17	11,28	3,22
	40,0	8,66	3,16	9,10	3,21	9,53	3,26	9,75	3,28	10,40	3,36	10,84	3,41
	43,0	8,40	3,28	8,83	3,33	9,27	3,38	9,49	3,40	10,14	3,48	10,57	3,53
	46,0	8,00	3,03	8,38	3,03	8,75	3,03	8,93	3,03	9,46	3,03	9,81	3,03
1.5+2.0+2.5+4.2+5.0	22,0	10,74	2,87	11,21	2,92	11,68	2,98	11,91	3,01	12,61	3,09	13,08	3,15
	25,0	10,46	2,97	10,92	3,03	11,39	3,08	11,63	3,11	12,33	3,19	12,80	3,25
	32,0	9,79	3,23	10,26	3,29	10,73	3,34	10,96	3,37	11,67	3,46	12,13	3,51
	35,0	9,51	3,35	9,98	3,41	10,45	3,44	10,68	3,46	11,38	3,58	11,85	3,63
	40,0	9,04	3,57	9,50	3,62	9,97	3,68	10,21	3,71	10,89	3,75	11,32	3,75
	43,0	8,75	3,60	9,19	3,60	9,63	3,60	9,85	3,60	10,49	3,60	10,90	3,60
	46,0	8,27	3,03	8,64	3,03	9,01	3,03	9,19	3,03	9,72	3,03	10,07	3,03
1.5+2.0+3.5+3.5+3.5	22,0	10,24	2,46	10,71	2,51	11,18	2,57	11,41	2,60	12,11	2,68	12,58	2,74
	25,0	9,96	2,56	10,42	2,62	10,89	2,67	11,13	2,70	11,83	2,78	12,30	2,84
	32,0	9,29	2,82	9,76	2,88	10,23	2,93	10,46	2,96	11,17	3,05	11,63	3,10
	35,0	9,01	2,94	9,48	3,00	9,95	3,06	10,18	3,08	10,88	3,17	11,35	3,22
	40,0	8,54	3,16	9,00	3,21	9,47	3,27	9,71	3,30	10,39	3,34	10,82	3,34
	43,0	8,34	3,19	8,69	3,19	9,13	3,19	9,35	3,19	9,99	3,19	10,40	3,19
	46,0	7,77	2,62	8,14	2,62	8,51	2,62	8,69	2,62	9,22	2,62	9,57	2,62
1.5+2.0+3.5+3.5+4.2	22,0	10,68	2,95	11,15	3,00	11,62	3,06	11,85	3,09	12,55	3,17	13,02	3,23
	25,0	10,40	3,05	10,86	3,11	11,33	3,16	11,57	3,19	12,27	3,27	12,74	3,33
	32,0	9,73	3,31	10,20	3,37	10,67	3,42	10,90	3,45	11,61	3,54	12,07	3,59
	35,0	9,45	3,43	9,92	3,49	10,39	3,55	10,62	3,57	11,32	3,66	11,79	3,71
	40,0	8,98	3,65	9,44	3,70	9,91	3,76	10,15	3,79	10,83	3,83	11,26	3,83
	43,0	8,78	3,68	9,13	3,68	9,57	3,68	9,79	3,68	10,43	3,68	10,84	3,68
	46,0	8,21	3,11	8,58	3,11	8,95	3,11	9,13	3,11	9,66	3,11	10,01	3,11
1.5+2.0+3.5+3.5+5.0	22,0	10,76	2,86	11,23	2,91	11,70	2,97	11,93	3,00	12,63	3,08	13,10	3,14
	25,0	10,48	2,96	10,94	3,02	11,41	3,07	11,65	3,10	12,35	3,18	12,82	3,24
	32,0	9,81	3,22	10,28	3,28	10,75	3,33	10,98	3,36	11,69	3,45	12,15	3,50
	35,0	9,53	3,34	10,00	3,40	10,47	3,43	10,70	3,45	11,40	3,57	11,87	3,62
	40,0	9,06	3,56	9,52	3,61	9,99	3,67	10,23	3,70	10,91	3,74	11,34	3,74
	43,0	8,77	3,59	9,21	3,59	9,65	3,59	9,87	3,59	10,51	3,59	10,92	3,59
	46,0	8,29	3,02	8,66	3,02	9,03	3,02	9,21	3,02	9,74	3,02	10,09	3,02

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+3.5+4.2+4.2	22,0	10,75	3,02	11,22	3,07	11,69	3,13	11,92	3,16	12,62	3,24	13,09	3,30
	25,0	10,47	3,12	10,93	3,18	11,40	3,23	11,64	3,26	12,34	3,34	12,81	3,40
	32,0	9,80	3,38	10,27	3,44	10,74	3,49	10,97	3,52	11,68	3,61	12,14	3,66
	35,0	9,52	3,50	9,99	3,56	10,46	3,62	10,69	3,64	11,39	3,73	11,86	3,78
	40,0	9,05	3,72	9,51	3,77	9,98	3,83	10,22	3,86	10,90	3,90	11,33	3,90
	43,0	8,85	3,75	9,20	3,75	9,64	3,75	9,86	3,75	10,50	3,75	10,91	3,75
	46,0	8,28	3,18	8,65	3,18	9,02	3,18	9,20	3,18	9,73	3,18	10,08	3,18
1.5+2.5+2.5+2.5+2.5	22,0	9,88	2,38	10,30	2,42	10,72	2,47	10,92	2,49	11,55	2,56	11,96	2,60
	25,0	9,63	2,46	10,05	2,51	10,46	2,55	10,67	2,57	11,29	2,64	11,71	2,69
	32,0	9,04	2,67	9,46	2,72	9,87	2,76	10,08	2,79	10,11	2,85	11,12	2,90
	35,0	8,79	2,77	9,21	2,82	9,62	2,86	9,83	2,88	10,07	2,95	10,87	3,00
	40,0	8,37	2,94	8,79	2,99	9,20	3,03	9,41	3,06	10,03	3,12	10,45	3,17
	43,0	8,12	3,05	8,53	3,10	8,95	3,14	9,16	3,16	9,78	3,23	10,20	3,28
	46,0	7,84	3,10	8,22	3,10	8,60	3,10	8,78	3,10	9,32	3,10	9,67	3,10
1.5+2.5+2.5+2.5+3.5	22,0	10,22	2,50	10,66	2,55	11,10	2,61	11,33	2,63	11,99	2,71	12,44	2,76
	25,0	9,95	2,60	10,39	2,65	10,84	2,70	11,06	2,73	11,72	2,81	12,17	2,86
	32,0	9,32	2,84	9,76	2,89	10,21	2,94	10,43	2,97	11,10	3,05	11,54	3,10
	35,0	9,05	2,95	9,49	3,01	9,94	3,06	10,16	3,08	10,83	3,16	11,27	3,21
	40,0	8,60	3,15	9,04	3,20	9,49	3,26	9,71	3,28	10,38	3,36	10,82	3,41
	43,0	8,33	3,28	8,78	3,33	9,22	3,38	9,44	3,41	10,08	3,44	10,49	3,44
	46,0	7,90	2,87	8,28	2,87	8,64	2,87	8,82	2,87	9,35	2,87	9,70	2,87
1.5+2.5+2.5+2.5+4.2	22,0	10,23	2,50	10,67	2,55	11,11	2,61	11,34	2,63	12,00	2,71	12,45	2,76
	25,0	9,96	2,60	10,40	2,65	10,85	2,70	11,07	2,73	11,73	2,81	12,18	2,86
	32,0	9,33	2,84	9,77	2,89	10,22	2,94	10,44	2,97	11,11	3,05	11,55	3,10
	35,0	9,06	2,95	9,50	3,01	9,95	3,06	10,17	3,08	10,84	3,16	11,28	3,21
	40,0	8,61	3,15	9,05	3,20	9,50	3,26	9,72	3,28	10,39	3,36	10,83	3,41
	43,0	8,34	3,28	8,79	3,33	9,23	3,38	9,45	3,41	10,09	3,44	10,50	3,44
	46,0	7,91	2,87	8,29	2,87	8,65	2,87	8,83	2,87	9,36	2,87	9,71	2,87
1.5+2.5+2.5+2.5+5.0	22,0	10,41	2,49	10,87	2,54	11,34	2,60	11,57	2,63	12,27	2,71	12,73	2,77
	25,0	10,13	2,59	10,59	2,65	11,06	2,70	11,29	2,73	11,99	2,81	12,45	2,87
	32,0	9,47	2,85	9,93	2,91	10,40	2,96	10,63	2,99	11,33	3,08	11,79	3,13
	35,0	9,19	2,97	9,65	3,03	10,12	3,09	10,35	3,11	11,05	3,20	11,51	3,25
	40,0	8,72	3,19	9,18	3,24	9,65	3,30	9,88	3,33	10,56	3,37	10,99	3,37
	43,0	8,43	3,22	8,88	3,22	9,31	3,22	9,53	3,22	10,16	3,22	10,57	3,22
	46,0	7,96	2,65	8,34	2,65	8,70	2,65	8,88	2,65	9,41	2,65	9,76	2,65
1.5+2.5+2.5+2.5+6.0	22,0	10,72	2,48	11,18	2,53	11,65	2,59	11,88	2,62	12,58	2,70	13,04	2,76
	25,0	10,44	2,58	10,90	2,64	11,37	2,69	11,60	2,72	12,30	2,80	12,76	2,86
	32,0	9,78	2,84	10,24	2,90	10,71	2,95	10,94	2,98	11,64	3,07	12,10	3,12
	35,0	9,50	2,96	9,96	3,02	10,43	3,08	10,66	3,10	11,36	3,19	11,82	3,24
	40,0	9,03	3,18	9,49	3,23	9,96	3,29	10,19	3,32	10,87	3,36	11,30	3,36
	43,0	8,74	3,21	9,19	3,21	9,62	3,21	9,84	3,21	10,47	3,21	10,88	3,21
	46,0	8,27	2,64	8,65	2,64	9,01	2,64	9,19	2,64	9,72	2,64	10,07	2,64

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104156

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+2.5+3.5+3.5	22,0	10,23	2,49	10,66	2,52	11,10	2,63	11,31	2,65	11,97	2,73	12,40	2,78
	25,0	9,96	2,59	10,40	2,67	10,83	2,72	11,05	2,74	11,70	2,82	12,14	2,87
	32,0	9,35	2,85	9,78	2,90	10,22	2,95	10,43	2,98	11,09	3,05	11,52	3,10
	35,0	9,08	2,96	9,52	3,05	9,95	3,06	10,17	3,08	10,82	3,16	11,26	3,21
	40,0	8,64	3,15	9,08	3,20	9,51	3,25	9,73	3,27	10,38	3,35	10,82	3,40
	43,0	8,38	3,27	8,81	3,32	9,25	3,37	9,47	3,39	10,12	3,47	10,55	3,52
	46,0	7,98	3,02	8,36	3,02	8,73	3,02	8,91	3,02	9,44	3,02	9,79	3,02
1.5+2.5+2.5+3.5+4.2	22,0	10,24	2,49	10,67	2,52	11,11	2,63	11,32	2,65	11,98	2,73	12,41	2,78
	25,0	9,97	2,59	10,41	2,67	10,84	2,72	11,06	2,74	11,71	2,82	12,15	2,87
	32,0	9,36	2,85	9,79	2,90	10,23	2,95	10,44	2,98	11,10	3,05	11,53	3,10
	35,0	9,09	2,96	9,53	3,05	9,96	3,06	10,18	3,08	10,83	3,16	11,27	3,21
	40,0	8,65	3,15	9,09	3,20	9,52	3,25	9,74	3,27	10,39	3,35	10,83	3,40
	43,0	8,39	3,27	8,82	3,32	9,26	3,37	9,48	3,39	10,13	3,47	10,56	3,52
	46,0	7,99	3,02	8,37	3,02	8,74	3,02	8,92	3,02	9,45	3,02	9,80	3,02
1.5+2.5+2.5+3.5+5.0	22,0	10,72	2,79	11,19	2,84	11,66	2,90	11,89	2,93	12,59	3,01	13,06	3,07
	25,0	10,44	2,89	10,90	2,95	11,37	3,00	11,61	3,03	12,31	3,11	12,78	3,17
	32,0	9,77	3,15	10,24	3,21	10,71	3,26	10,94	3,29	11,65	3,38	12,11	3,43
	35,0	9,49	3,27	9,96	3,33	10,43	3,36	10,66	3,38	11,36	3,50	11,83	3,55
	40,0	9,02	3,49	9,48	3,54	9,95	3,60	10,19	3,63	10,87	3,67	11,30	3,67
	43,0	8,73	3,52	9,17	3,52	9,61	3,52	9,83	3,52	10,47	3,52	10,88	3,52
	46,0	8,25	2,95	8,62	2,95	8,99	2,95	9,17	2,95	9,70	2,95	10,05	2,95
1.5+2.5+2.5+4.2+4.2	22,0	10,71	3,05	11,14	3,08	11,58	3,19	11,79	3,21	12,45	3,29	12,88	3,34
	25,0	10,44	3,15	10,88	3,23	11,31	3,28	11,53	3,30	12,18	3,38	12,62	3,43
	32,0	9,83	3,41	10,26	3,46	10,70	3,51	10,91	3,54	11,57	3,61	12,00	3,66
	35,0	9,56	3,52	10,00	3,61	10,43	3,62	10,65	3,64	11,30	3,72	11,74	3,77
	40,0	9,12	3,71	9,56	3,76	9,99	3,81	10,21	3,83	10,86	3,91	11,30	3,96
	43,0	8,86	3,83	9,29	3,88	9,73	3,93	9,95	3,95	10,60	4,03	11,03	4,08
	46,0	8,46	3,58	8,84	3,58	9,21	3,58	9,39	3,58	9,92	3,58	10,27	3,58
1.5+2.5+3.5+3.5+3.5	22,0	10,24	2,46	10,71	2,51	11,18	2,57	11,41	2,60	12,11	2,68	12,58	2,74
	25,0	9,96	2,56	10,42	2,62	10,89	2,67	11,13	2,70	11,83	2,78	12,30	2,84
	32,0	9,29	2,82	9,76	2,88	10,23	2,93	10,46	2,96	11,17	3,05	11,63	3,10
	35,0	9,01	2,94	9,48	3,00	9,95	3,06	10,18	3,08	10,88	3,17	11,35	3,22
	40,0	8,54	3,16	9,00	3,21	9,47	3,27	9,71	3,30	10,39	3,34	10,82	3,34
	43,0	8,34	3,19	8,69	3,19	9,13	3,19	9,35	3,19	9,99	3,19	10,40	3,19
	46,0	7,77	2,62	8,14	2,62	8,51	2,62	8,69	2,62	9,22	2,62	9,57	2,62
1.5+2.5+3.5+3.5+4.2	22,0	10,74	3,02	11,21	3,07	11,68	3,13	11,91	3,16	12,61	3,24	13,08	3,30
	25,0	10,46	3,12	10,92	3,18	11,39	3,23	11,63	3,26	12,33	3,34	12,80	3,40
	32,0	9,79	3,38	10,26	3,44	10,73	3,49	10,96	3,52	11,67	3,61	12,13	3,66
	35,0	9,51	3,50	9,98	3,56	10,45	3,62	10,68	3,64	11,38	3,73	11,85	3,78
	40,0	9,04	3,72	9,50	3,77	9,97	3,83	10,21	3,86	10,89	3,90	11,32	3,90
	43,0	8,84	3,75	9,19	3,75	9,63	3,75	9,85	3,75	10,49	3,75	10,90	3,75
	46,0	8,27	3,18	8,64	3,18	9,01	3,18	9,19	3,18	9,72	3,18	10,07	3,18

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+3.5+3.5+3.5+3.5	22,0	10,76	3,09	11,23	3,14	11,70	3,20	11,93	3,23	12,63	3,31	13,10	3,37
	25,0	10,48	3,19	10,94	3,25	11,41	3,30	11,65	3,33	12,35	3,41	12,82	3,47
	32,0	9,81	3,45	10,28	3,51	10,75	3,56	10,98	3,59	11,69	3,68	12,15	3,73
	35,0	9,53	3,57	10,00	3,63	10,47	3,69	10,70	3,71	11,40	3,80	11,87	3,85
	40,0	9,06	3,79	9,52	3,84	9,99	3,90	10,23	3,93	10,91	3,97	11,34	3,97
	43,0	8,86	3,82	9,21	3,82	9,65	3,82	9,87	3,82	10,51	3,82	10,92	3,82
	46,0	8,29	3,25	8,66	3,25	9,03	3,25	9,21	3,25	9,74	3,25	10,09	3,25
2.0+2.0+2.0+2.0+2.0	22,0	9,26	2,00	9,68	2,04	10,10	2,09	10,30	2,11	10,93	2,18	11,34	2,22
	25,0	9,01	2,08	9,43	2,13	9,84	2,17	10,05	2,19	10,67	2,26	11,09	2,31
	32,0	8,42	2,29	8,84	2,34	9,25	2,38	9,46	2,41	9,49	2,47	10,50	2,52
	35,0	8,17	2,39	8,59	2,44	9,00	2,48	9,21	2,50	9,45	2,57	10,25	2,62
	40,0	7,75	2,56	8,17	2,61	8,58	2,65	8,79	2,68	9,41	2,74	9,83	2,79
	43,0	7,50	2,67	7,91	2,72	8,33	2,76	8,54	2,78	9,16	2,85	9,58	2,90
	46,0	7,22	2,72	7,60	2,72	7,98	2,72	8,16	2,72	8,70	2,72	9,05	2,72
2.0+2.0+2.0+2.0+2.5	22,0	9,49	2,13	9,91	2,17	10,33	2,22	10,53	2,24	11,16	2,31	11,57	2,35
	25,0	9,24	2,21	9,66	2,26	10,07	2,30	10,28	2,32	10,90	2,39	11,32	2,44
	32,0	8,65	2,42	9,07	2,47	9,48	2,51	9,69	2,54	9,72	2,60	10,73	2,65
	35,0	8,40	2,52	8,82	2,57	9,23	2,61	9,44	2,63	9,68	2,70	10,48	2,75
	40,0	7,98	2,69	8,40	2,74	8,81	2,78	9,02	2,81	9,64	2,87	10,06	2,92
	43,0	7,73	2,80	8,14	2,85	8,56	2,89	8,77	2,91	9,39	2,98	9,81	3,03
	46,0	7,45	2,85	7,83	2,85	8,21	2,85	8,39	2,85	8,93	2,85	9,28	2,85
2.0+2.0+2.0+2.0+3.5	22,0	9,89	2,30	10,33	2,35	10,77	2,41	11,00	2,43	11,66	2,51	12,11	2,56
	25,0	9,62	2,40	10,06	2,45	10,51	2,50	10,73	2,53	11,39	2,61	11,84	2,66
	32,0	8,99	2,64	9,43	2,69	9,88	2,74	10,10	2,77	10,77	2,85	11,21	2,90
	35,0	8,72	2,75	9,16	2,81	9,61	2,86	9,83	2,88	10,50	2,96	10,94	3,01
	40,0	8,27	2,95	8,71	3,00	9,16	3,06	9,38	3,08	10,05	3,16	10,49	3,21
	43,0	8,00	3,08	8,45	3,13	8,89	3,18	9,11	3,21	9,75	3,24	10,16	3,24
	46,0	7,57	2,67	7,95	2,67	8,31	2,67	8,49	2,67	9,02	2,67	9,37	2,67
2.0+2.0+2.0+2.0+4.2	22,0	10,13	2,44	10,57	2,49	11,01	2,55	11,24	2,57	11,90	2,65	12,35	2,70
	25,0	9,86	2,54	10,30	2,59	10,75	2,64	10,97	2,67	11,63	2,75	12,08	2,80
	32,0	9,23	2,78	9,67	2,83	10,12	2,88	10,34	2,91	11,01	2,99	11,45	3,04
	35,0	8,96	2,89	9,40	2,95	9,85	3,00	10,07	3,02	10,74	3,10	11,18	3,15
	40,0	8,51	3,09	8,95	3,14	9,40	3,20	9,62	3,22	10,29	3,30	10,73	3,35
	43,0	8,24	3,22	8,69	3,27	9,13	3,32	9,35	3,35	9,99	3,38	10,40	3,38
	46,0	7,81	2,81	8,19	2,81	8,55	2,81	8,73	2,81	9,26	2,81	9,61	2,81
2.0+2.0+2.0+2.0+5.0	22,0	10,35	2,49	10,81	2,54	11,28	2,60	11,51	2,63	12,21	2,71	12,67	2,77
	25,0	10,07	2,59	10,53	2,65	11,00	2,70	11,23	2,73	11,93	2,81	12,39	2,87
	32,0	9,41	2,85	9,87	2,91	10,34	2,96	10,57	2,99	11,27	3,08	11,73	3,13
	35,0	9,13	2,97	9,59	3,03	10,06	3,09	10,29	3,11	10,99	3,20	11,45	3,25
	40,0	8,66	3,19	9,12	3,24	9,59	3,30	9,82	3,33	10,50	3,37	10,93	3,37
	43,0	8,37	3,22	8,82	3,22	9,25	3,22	9,47	3,22	10,10	3,22	10,51	3,22
	46,0	7,90	2,65	8,28	2,65	8,64	2,65	8,82	2,65	9,35	2,65	9,70	2,65

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104161

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+2.0+6.0	22,0	10,58	2,41	11,04	2,46	11,51	2,52	11,74	2,55	12,44	2,63	12,90	2,69
	25,0	10,30	2,51	10,76	2,57	11,23	2,62	11,46	2,65	12,16	2,73	12,62	2,79
	32,0	9,64	2,77	10,10	2,83	10,57	2,88	10,80	2,91	11,50	3,00	11,96	3,05
	35,0	9,36	2,89	9,82	2,95	10,29	3,01	10,52	3,03	11,22	3,12	11,68	3,17
	40,0	8,89	3,11	9,35	3,16	9,82	3,22	10,05	3,25	10,73	3,29	11,16	3,29
	43,0	8,60	3,14	9,05	3,14	9,48	3,14	9,70	3,14	10,33	3,14	10,74	3,14
	46,0	8,13	2,57	8,51	2,57	8,87	2,57	9,05	2,57	9,58	2,57	9,93	2,57
2.0+2.0+2.0+2.0+7.1	22,0	10,73	2,48	11,19	2,53	11,66	2,59	11,89	2,62	12,59	2,70	13,05	2,76
	25,0	10,45	2,58	10,91	2,64	11,38	2,69	11,61	2,72	12,31	2,80	12,77	2,86
	32,0	9,79	2,84	10,25	2,90	10,72	2,95	10,95	2,98	11,65	3,07	12,11	3,12
	35,0	9,51	2,96	9,97	3,02	10,44	3,08	10,67	3,10	11,37	3,19	11,83	3,24
	40,0	9,04	3,18	9,50	3,23	9,97	3,29	10,20	3,32	10,88	3,36	11,31	3,36
	43,0	8,75	3,21	9,20	3,21	9,63	3,21	9,85	3,21	10,48	3,21	10,89	3,21
	46,0	8,28	2,64	8,66	2,64	9,02	2,64	9,20	2,64	9,73	2,64	10,08	2,64
2.0+2.0+2.0+2.5+2.5	22,0	9,69	2,25	10,11	2,29	10,53	2,34	10,73	2,36	11,36	2,43	11,77	2,47
	25,0	9,44	2,33	9,86	2,38	10,27	2,42	10,48	2,44	11,10	2,51	11,52	2,56
	32,0	8,85	2,54	9,27	2,59	9,68	2,63	9,89	2,66	9,92	2,72	10,93	2,77
	35,0	8,60	2,64	9,02	2,69	9,43	2,73	9,64	2,75	9,88	2,82	10,68	2,87
	40,0	8,18	2,81	8,60	2,86	9,01	2,90	9,22	2,93	9,84	2,99	10,26	3,04
	43,0	7,93	2,92	8,34	2,97	8,76	3,01	8,97	3,03	9,59	3,10	10,01	3,15
	46,0	7,65	2,97	8,03	2,97	8,41	2,97	8,59	2,97	9,13	2,97	9,48	2,97
2.0+2.0+2.0+2.5+3.5	22,0	10,07	2,44	10,51	2,49	10,95	2,55	11,18	2,57	11,84	2,65	12,29	2,70
	25,0	9,80	2,54	10,24	2,59	10,69	2,64	10,91	2,67	11,57	2,75	12,02	2,80
	32,0	9,17	2,78	9,61	2,83	10,06	2,88	10,28	2,91	10,95	2,99	11,39	3,04
	35,0	8,90	2,89	9,34	2,95	9,79	3,00	10,01	3,02	10,68	3,10	11,12	3,15
	40,0	8,45	3,09	8,89	3,14	9,34	3,20	9,56	3,22	10,23	3,30	10,67	3,35
	43,0	8,18	3,22	8,63	3,27	9,07	3,32	9,29	3,35	9,93	3,38	10,34	3,38
	46,0	7,75	2,81	8,13	2,81	8,49	2,81	8,67	2,81	9,20	2,81	9,55	2,81
2.0+2.0+2.0+2.5+4.2	22,0	10,23	2,50	10,67	2,55	11,11	2,61	11,34	2,63	12,00	2,71	12,45	2,76
	25,0	9,96	2,60	10,40	2,65	10,85	2,70	11,07	2,73	11,73	2,81	12,18	2,86
	32,0	9,33	2,84	9,77	2,89	10,22	2,94	10,44	2,97	11,11	3,05	11,55	3,10
	35,0	9,06	2,95	9,50	3,01	9,95	3,06	10,17	3,08	10,84	3,16	11,28	3,21
	40,0	8,61	3,15	9,05	3,20	9,50	3,26	9,72	3,28	10,39	3,36	10,83	3,41
	43,0	8,34	3,28	8,79	3,33	9,23	3,38	9,45	3,41	10,09	3,44	10,50	3,44
	46,0	7,91	2,87	8,29	2,87	8,65	2,87	8,83	2,87	9,36	2,87	9,71	2,87
2.0+2.0+2.0+2.5+5.0	22,0	10,41	2,49	10,87	2,54	11,34	2,60	11,57	2,63	12,27	2,71	12,73	2,77
	25,0	10,13	2,59	10,59	2,65	11,06	2,70	11,29	2,73	11,99	2,81	12,45	2,87
	32,0	9,47	2,85	9,93	2,91	10,40	2,96	10,63	2,99	11,33	3,08	11,79	3,13
	35,0	9,19	2,97	9,65	3,03	10,12	3,09	10,35	3,11	11,05	3,20	11,51	3,25
	40,0	8,72	3,19	9,18	3,24	9,65	3,30	9,88	3,33	10,56	3,37	10,99	3,37
	43,0	8,43	3,22	8,88	3,22	9,31	3,22	9,53	3,22	10,16	3,22	10,57	3,22
	46,0	7,96	2,65	8,34	2,65	8,70	2,65	8,88	2,65	9,41	2,65	9,76	2,65

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+2.5+6.0	22,0	10,65	2,41	11,11	2,46	11,58	2,52	11,81	2,55	12,51	2,63	12,97	2,69
	25,0	10,37	2,51	10,83	2,57	11,30	2,62	11,53	2,65	12,23	2,73	12,69	2,79
	32,0	9,71	2,77	10,17	2,83	10,64	2,88	10,87	2,91	11,57	3,00	12,03	3,05
	35,0	9,43	2,89	9,89	2,95	10,36	3,01	10,59	3,03	11,29	3,12	11,75	3,17
	40,0	8,96	3,11	9,42	3,16	9,89	3,22	10,12	3,25	10,80	3,29	11,23	3,29
	43,0	8,67	3,14	9,12	3,14	9,55	3,14	9,77	3,14	10,40	3,14	10,81	3,14
	46,0	8,20	2,57	8,58	2,57	8,94	2,57	9,12	2,57	9,65	2,57	10,00	2,57
2.0+2.0+2.0+2.5+7.1	22,0	10,77	2,48	11,23	2,53	11,70	2,59	11,93	2,62	12,63	2,70	13,09	2,76
	25,0	10,49	2,58	10,95	2,64	11,42	2,69	11,65	2,72	12,35	2,80	12,81	2,86
	32,0	9,83	2,84	10,29	2,90	10,76	2,95	10,99	2,98	11,69	3,07	12,15	3,12
	35,0	9,55	2,96	10,01	3,02	10,48	3,08	10,71	3,10	11,41	3,19	11,87	3,24
	40,0	9,08	3,18	9,54	3,23	10,01	3,29	10,24	3,32	10,92	3,36	11,35	3,36
	43,0	8,79	3,21	9,24	3,21	9,67	3,21	9,89	3,21	10,52	3,21	10,93	3,21
	46,0	8,32	2,64	8,70	2,64	9,06	2,64	9,24	2,64	9,77	2,64	10,12	2,64
2.0+2.0+2.0+3.5+3.5	22,0	9,70	2,16	10,13	2,19	10,57	2,30	10,78	2,32	11,44	2,40	11,87	2,45
	25,0	9,43	2,26	9,87	2,34	10,30	2,39	10,52	2,41	11,17	2,49	11,61	2,54
	32,0	8,82	2,52	9,25	2,57	9,69	2,62	9,90	2,65	10,56	2,72	10,99	2,77
	35,0	8,55	2,63	8,99	2,72	9,42	2,73	9,64	2,75	10,29	2,83	10,73	2,88
	40,0	8,11	2,82	8,55	2,87	8,98	2,92	9,20	2,94	9,85	3,02	10,29	3,07
	43,0	7,85	2,94	8,28	2,99	8,72	3,04	8,94	3,06	9,59	3,14	10,02	3,19
	46,0	7,45	2,69	7,83	2,69	8,20	2,69	8,38	2,69	8,91	2,69	9,26	2,69
2.0+2.0+2.0+3.5+4.2	22,0	10,24	2,49	10,67	2,52	11,11	2,63	11,32	2,65	11,98	2,73	12,41	2,78
	25,0	9,97	2,59	10,41	2,67	10,84	2,72	11,06	2,74	11,71	2,82	12,15	2,87
	32,0	9,36	2,85	9,79	2,90	10,23	2,95	10,44	2,98	11,10	3,05	11,53	3,10
	35,0	9,09	2,96	9,53	3,05	9,96	3,06	10,18	3,08	10,83	3,16	11,27	3,21
	40,0	8,65	3,15	9,09	3,20	9,52	3,25	9,74	3,27	10,39	3,35	10,83	3,40
	43,0	8,39	3,27	8,82	3,32	9,26	3,37	9,48	3,39	10,13	3,47	10,56	3,52
	46,0	7,99	3,02	8,37	3,02	8,74	3,02	8,92	3,02	9,45	3,02	9,80	3,02
2.0+2.0+2.0+3.5+5.0	22,0	10,42	2,52	10,89	2,57	11,36	2,63	11,59	2,66	12,29	2,74	12,76	2,80
	25,0	10,14	2,62	10,60	2,68	11,07	2,73	11,31	2,76	12,01	2,84	12,48	2,90
	32,0	9,47	2,88	9,94	2,94	10,41	2,99	10,64	3,02	11,35	3,11	11,81	3,16
	35,0	9,19	3,00	9,66	3,06	10,13	3,09	10,36	3,11	11,06	3,23	11,53	3,28
	40,0	8,72	3,22	9,18	3,27	9,65	3,33	9,89	3,36	10,57	3,40	11,00	3,40
	43,0	8,43	3,25	8,87	3,25	9,31	3,25	9,53	3,25	10,17	3,25	10,58	3,25
	46,0	7,95	2,68	8,32	2,68	8,69	2,68	8,87	2,68	9,40	2,68	9,75	2,68
2.0+2.0+2.0+3.5+6.0	22,0	10,76	2,51	11,23	2,56	11,70	2,62	11,93	2,65	12,63	2,73	13,10	2,79
	25,0	10,48	2,61	10,94	2,67	11,41	2,72	11,65	2,75	12,35	2,83	12,82	2,89
	32,0	9,81	2,87	10,28	2,93	10,75	2,98	10,98	3,01	11,69	3,10	12,15	3,15
	35,0	9,53	2,99	10,00	3,05	10,47	3,08	10,70	3,10	11,40	3,22	11,87	3,27
	40,0	9,06	3,21	9,52	3,26	9,99	3,32	10,23	3,35	10,91	3,39	11,34	3,39
	43,0	8,77	3,24	9,21	3,24	9,65	3,24	9,87	3,24	10,51	3,24	10,92	3,24
	46,0	8,29	2,67	8,66	2,67	9,03	2,67	9,21	2,67	9,74	2,67	10,09	2,67

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104165

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+4.2+4.2	22,0	10,25	2,50	10,68	2,53	11,12	2,64	11,33	2,66	11,99	2,74	12,42	2,79
	25,0	9,98	2,60	10,42	2,68	10,85	2,73	11,07	2,75	11,72	2,83	12,16	2,88
	32,0	9,37	2,86	9,80	2,91	10,24	2,96	10,45	2,99	11,11	3,06	11,54	3,11
	35,0	9,10	2,97	9,54	3,06	9,97	3,07	10,19	3,09	10,84	3,17	11,28	3,22
	40,0	8,66	3,16	9,10	3,21	9,53	3,26	9,75	3,28	10,40	3,36	10,84	3,41
	43,0	8,40	3,28	8,83	3,33	9,27	3,38	9,49	3,40	10,14	3,48	10,57	3,53
	46,0	8,00	3,03	8,38	3,03	8,75	3,03	8,93	3,03	9,46	3,03	9,81	3,03
2.0+2.0+2.0+4.2+5.0	22,0	10,74	2,87	11,21	2,92	11,68	2,98	11,91	3,01	12,61	3,09	13,08	3,15
	25,0	10,46	2,97	10,92	3,03	11,39	3,08	11,63	3,11	12,33	3,19	12,80	3,25
	32,0	9,79	3,23	10,26	3,29	10,73	3,34	10,96	3,37	11,67	3,46	12,13	3,51
	35,0	9,51	3,35	9,98	3,41	10,45	3,44	10,68	3,46	11,38	3,58	11,85	3,63
	40,0	9,04	3,57	9,50	3,62	9,97	3,68	10,21	3,71	10,89	3,75	11,32	3,75
	43,0	8,75	3,60	9,19	3,60	9,63	3,60	9,85	3,60	10,49	3,60	10,90	3,60
	46,0	8,27	3,03	8,64	3,03	9,01	3,03	9,19	3,03	9,72	3,03	10,07	3,03
2.0+2.0+2.5+2.5+2.5	22,0	9,88	2,38	10,30	2,42	10,72	2,47	10,92	2,49	11,55	2,56	11,96	2,60
	25,0	9,63	2,46	10,05	2,51	10,46	2,55	10,67	2,57	11,29	2,64	11,71	2,69
	32,0	9,04	2,67	9,46	2,72	9,87	2,76	10,08	2,79	10,11	2,85	11,12	2,90
	35,0	8,79	2,77	9,21	2,82	9,62	2,86	9,83	2,88	10,07	2,95	10,87	3,00
	40,0	8,37	2,94	8,79	2,99	9,20	3,03	9,41	3,06	10,03	3,12	10,45	3,17
	43,0	8,12	3,05	8,53	3,10	8,95	3,14	9,16	3,16	9,78	3,23	10,20	3,28
	46,0	7,84	3,10	8,22	3,10	8,60	3,10	8,78	3,10	9,32	3,10	9,67	3,10
2.0+2.0+2.5+2.5+3.5	22,0	10,22	2,50	10,66	2,55	11,10	2,61	11,33	2,63	11,99	2,71	12,44	2,76
	25,0	9,95	2,60	10,39	2,65	10,84	2,70	11,06	2,73	11,72	2,81	12,17	2,86
	32,0	9,32	2,84	9,76	2,89	10,21	2,94	10,43	2,97	11,10	3,05	11,54	3,10
	35,0	9,05	2,95	9,49	3,01	9,94	3,06	10,16	3,08	10,83	3,16	11,27	3,21
	40,0	8,60	3,15	9,04	3,20	9,49	3,26	9,71	3,28	10,38	3,36	10,82	3,41
	43,0	8,33	3,28	8,78	3,33	9,22	3,38	9,44	3,41	10,08	3,44	10,49	3,44
	46,0	7,90	2,87	8,28	2,87	8,64	2,87	8,82	2,87	9,35	2,87	9,70	2,87
2.0+2.0+2.5+2.5+4.2	22,0	9,91	2,50	10,35	2,55	10,79	2,61	11,02	2,63	11,68	2,71	12,13	2,76
	25,0	9,64	2,60	10,08	2,65	10,53	2,70	10,75	2,73	11,41	2,81	11,86	2,86
	32,0	9,01	2,84	9,45	2,89	9,90	2,94	10,12	2,97	10,79	3,05	11,23	3,10
	35,0	8,74	2,95	9,18	3,01	9,63	3,06	9,85	3,08	10,52	3,16	10,96	3,21
	40,0	8,29	3,15	8,73	3,20	9,18	3,26	9,40	3,28	10,07	3,36	10,51	3,41
	43,0	8,02	3,28	8,47	3,33	8,91	3,38	9,13	3,41	9,77	3,44	10,18	3,44
	46,0	7,59	2,87	7,97	2,87	8,33	2,87	8,51	2,87	9,04	2,87	9,39	2,87
2.0+2.0+2.5+2.5+5.0	22,0	10,41	2,49	10,87	2,54	11,34	2,60	11,57	2,63	12,27	2,71	12,73	2,77
	25,0	10,13	2,59	10,59	2,65	11,06	2,70	11,29	2,73	11,99	2,81	12,45	2,87
	32,0	9,47	2,85	9,93	2,91	10,40	2,96	10,63	2,99	11,33	3,08	11,79	3,13
	35,0	9,19	2,97	9,65	3,03	10,12	3,09	10,35	3,11	11,05	3,20	11,51	3,25
	40,0	8,72	3,19	9,18	3,24	9,65	3,30	9,88	3,33	10,56	3,37	10,99	3,37
	43,0	8,43	3,22	8,88	3,22	9,31	3,22	9,53	3,22	10,16	3,22	10,57	3,22
	46,0	7,96	2,65	8,34	2,65	8,70	2,65	8,88	2,65	9,41	2,65	9,76	2,65

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.5+2.5+6.0	22,0	10,72	2,48	11,18	2,53	11,65	2,59	11,88	2,62	12,58	2,70	13,04	2,76
	25,0	10,44	2,58	10,90	2,64	11,37	2,69	11,60	2,72	12,30	2,80	12,76	2,86
	32,0	9,78	2,84	10,24	2,90	10,71	2,95	10,94	2,98	11,64	3,07	12,10	3,12
	35,0	9,50	2,96	9,96	3,02	10,43	3,08	10,66	3,10	11,36	3,19	11,82	3,24
	40,0	9,03	3,18	9,49	3,23	9,96	3,29	10,19	3,32	10,87	3,36	11,30	3,36
	43,0	8,74	3,21	9,19	3,21	9,62	3,21	9,84	3,21	10,47	3,21	10,88	3,21
	46,0	8,27	2,64	8,65	2,64	9,01	2,64	9,19	2,64	9,72	2,64	10,07	2,64
2.0+2.0+2.5+3.5+3.5	22,0	10,23	2,49	10,66	2,52	11,10	2,63	11,31	2,65	11,97	2,73	12,40	2,78
	25,0	9,96	2,59	10,40	2,67	10,83	2,72	11,05	2,74	11,70	2,82	12,14	2,87
	32,0	9,35	2,85	9,78	2,90	10,22	2,95	10,43	2,98	11,09	3,05	11,52	3,10
	35,0	9,08	2,96	9,52	3,05	9,95	3,06	10,17	3,08	10,82	3,16	11,26	3,21
	40,0	8,64	3,15	9,08	3,20	9,51	3,25	9,73	3,27	10,38	3,35	10,82	3,40
	43,0	8,38	3,27	8,81	3,32	9,25	3,37	9,47	3,39	10,12	3,47	10,55	3,52
	46,0	7,98	3,02	8,36	3,02	8,73	3,02	8,91	3,02	9,44	3,02	9,79	3,02
2.0+2.0+2.5+3.5+4.2	22,0	9,91	2,49	10,34	2,52	10,78	2,63	10,99	2,65	11,65	2,73	12,08	2,78
	25,0	9,64	2,59	10,08	2,67	10,51	2,72	10,73	2,74	11,38	2,82	11,82	2,87
	32,0	9,03	2,85	9,46	2,90	9,90	2,95	10,11	2,98	10,77	3,05	11,20	3,10
	35,0	8,76	2,96	9,20	3,05	9,63	3,06	9,85	3,08	10,50	3,16	10,94	3,21
	40,0	8,32	3,15	8,76	3,20	9,19	3,25	9,41	3,27	10,06	3,35	10,50	3,40
	43,0	8,06	3,27	8,49	3,32	8,93	3,37	9,15	3,39	9,80	3,47	10,23	3,52
	46,0	7,66	3,02	8,04	3,02	8,41	3,02	8,59	3,02	9,12	3,02	9,47	3,02
2.0+2.0+2.5+3.5+5.0	22,0	10,72	2,79	11,19	2,84	11,66	2,90	11,89	2,93	12,59	3,01	13,06	3,07
	25,0	10,44	2,89	10,90	2,95	11,37	3,00	11,61	3,03	12,31	3,11	12,78	3,17
	32,0	9,77	3,15	10,24	3,21	10,71	3,26	10,94	3,29	11,65	3,38	12,11	3,43
	35,0	9,49	3,27	9,96	3,33	10,43	3,36	10,66	3,38	11,36	3,50	11,83	3,55
	40,0	9,02	3,49	9,48	3,54	9,95	3,60	10,19	3,63	10,87	3,67	11,30	3,67
	43,0	8,73	3,52	9,17	3,52	9,61	3,52	9,83	3,52	10,47	3,52	10,88	3,52
	46,0	8,25	2,95	8,62	2,95	8,99	2,95	9,17	2,95	9,70	2,95	10,05	2,95
2.0+2.0+2.5+4.2+4.2	22,0	10,71	2,98	11,14	3,01	11,58	3,12	11,79	3,14	12,45	3,22	12,88	3,27
	25,0	10,44	3,08	10,88	3,16	11,31	3,21	11,53	3,23	12,18	3,31	12,62	3,36
	32,0	9,83	3,34	10,26	3,39	10,70	3,44	10,91	3,47	11,57	3,54	12,00	3,59
	35,0	9,56	3,45	10,00	3,54	10,43	3,55	10,65	3,57	11,30	3,65	11,74	3,70
	40,0	9,12	3,64	9,56	3,69	9,99	3,74	10,21	3,76	10,86	3,84	11,30	3,89
	43,0	8,86	3,76	9,29	3,81	9,73	3,86	9,95	3,88	10,60	3,96	11,03	4,01
	46,0	8,46	3,51	8,84	3,51	9,21	3,51	9,39	3,51	9,92	3,51	10,27	3,51
2.0+2.0+3.5+3.5+3.5	22,0	10,24	2,46	10,71	2,51	11,18	2,57	11,41	2,60	12,11	2,68	12,58	2,74
	25,0	9,96	2,56	10,42	2,62	10,89	2,67	11,13	2,70	11,83	2,78	12,30	2,84
	32,0	9,29	2,82	9,76	2,88	10,23	2,93	10,46	2,96	11,17	3,05	11,63	3,10
	35,0	9,01	2,94	9,48	3,00	9,95	3,06	10,18	3,08	10,88	3,17	11,35	3,22
	40,0	8,54	3,16	9,00	3,21	9,47	3,27	9,71	3,30	10,39	3,34	10,82	3,34
	43,0	8,34	3,19	8,69	3,19	9,13	3,19	9,35	3,19	9,99	3,19	10,40	3,19
	46,0	7,77	2,62	8,14	2,62	8,51	2,62	8,69	2,62	9,22	2,62	9,57	2,62

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104167

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+3.5+3.5+4.2	22,0	10,74	2,95	11,21	3,00	11,68	3,06	11,91	3,09	12,61	3,17	13,08	3,23
	25,0	10,46	3,05	10,92	3,11	11,39	3,16	11,63	3,19	12,33	3,27	12,80	3,33
	32,0	9,79	3,31	10,26	3,37	10,73	3,42	10,96	3,45	11,67	3,54	12,13	3,59
	35,0	9,51	3,43	9,98	3,49	10,45	3,55	10,68	3,57	11,38	3,66	11,85	3,71
	40,0	9,04	3,65	9,50	3,70	9,97	3,76	10,21	3,79	10,89	3,83	11,32	3,83
	43,0	8,84	3,68	9,19	3,68	9,63	3,68	9,85	3,68	10,49	3,68	10,90	3,68
	46,0	8,27	3,11	8,64	3,11	9,01	3,11	9,19	3,11	9,72	3,11	10,07	3,11
2.0+2.5+2.5+2.5+2.5	22,0	10,06	2,52	10,48	2,56	10,90	2,61	11,10	2,63	11,73	2,70	12,14	2,74
	25,0	9,81	2,60	10,23	2,65	10,64	2,69	10,85	2,71	11,47	2,78	11,89	2,83
	32,0	9,22	2,81	9,64	2,86	10,05	2,90	10,26	2,93	10,29	2,99	11,30	3,04
	35,0	8,97	2,91	9,39	2,96	9,80	3,00	10,01	3,02	10,25	3,09	11,05	3,14
	40,0	8,55	3,08	8,97	3,13	9,38	3,17	9,59	3,20	10,21	3,26	10,63	3,31
	43,0	8,30	3,19	8,71	3,24	9,13	3,28	9,34	3,30	9,96	3,37	10,38	3,42
	46,0	8,02	3,24	8,40	3,24	8,78	3,24	8,96	3,24	9,50	3,24	9,85	3,24
2.0+2.5+2.5+2.5+3.5	22,0	10,22	2,50	10,66	2,55	11,10	2,61	11,33	2,63	11,99	2,71	12,44	2,76
	25,0	9,95	2,60	10,39	2,65	10,84	2,70	11,06	2,73	11,72	2,81	12,17	2,86
	32,0	9,32	2,84	9,76	2,89	10,21	2,94	10,43	2,97	11,10	3,05	11,54	3,10
	35,0	9,05	2,95	9,49	3,01	9,94	3,06	10,16	3,08	10,83	3,16	11,27	3,21
	40,0	8,60	3,15	9,04	3,20	9,49	3,26	9,71	3,28	10,38	3,36	10,82	3,41
	43,0	8,33	3,28	8,78	3,33	9,22	3,38	9,44	3,41	10,08	3,44	10,49	3,44
	46,0	7,90	2,87	8,28	2,87	8,64	2,87	8,82	2,87	9,35	2,87	9,70	2,87
2.0+2.5+2.5+2.5+4.2	22,0	10,23	2,50	10,67	2,55	11,11	2,61	11,34	2,63	12,00	2,71	12,45	2,76
	25,0	9,96	2,60	10,40	2,65	10,85	2,70	11,07	2,73	11,73	2,81	12,18	2,86
	32,0	9,33	2,84	9,77	2,89	10,22	2,94	10,44	2,97	11,11	3,05	11,55	3,10
	35,0	9,06	2,95	9,50	3,01	9,95	3,06	10,17	3,08	10,84	3,16	11,28	3,21
	40,0	8,61	3,15	9,05	3,20	9,50	3,26	9,72	3,28	10,39	3,36	10,83	3,41
	43,0	8,34	3,28	8,79	3,33	9,23	3,38	9,45	3,41	10,09	3,44	10,50	3,44
	46,0	7,91	2,87	8,29	2,87	8,65	2,87	8,83	2,87	9,36	2,87	9,71	2,87
2.0+2.5+2.5+2.5+5.0	22,0	10,41	2,49	10,87	2,54	11,34	2,60	11,57	2,63	12,27	2,71	12,73	2,77
	25,0	10,13	2,59	10,59	2,65	11,06	2,70	11,29	2,73	11,99	2,81	12,45	2,87
	32,0	9,47	2,85	9,93	2,91	10,40	2,96	10,63	2,99	11,33	3,08	11,79	3,13
	35,0	9,19	2,97	9,65	3,03	10,12	3,09	10,35	3,11	11,05	3,20	11,51	3,25
	40,0	8,72	3,19	9,18	3,24	9,65	3,30	9,88	3,33	10,56	3,37	10,99	3,37
	43,0	8,43	3,22	8,88	3,22	9,31	3,22	9,53	3,22	10,16	3,22	10,57	3,22
	46,0	7,96	2,65	8,34	2,65	8,70	2,65	8,88	2,65	9,41	2,65	9,76	2,65
2.0+2.5+2.5+2.5+6.0	22,0	10,76	2,48	11,22	2,53	11,69	2,59	11,92	2,62	12,62	2,70	13,08	2,76
	25,0	10,48	2,58	10,94	2,64	11,41	2,69	11,64	2,72	12,34	2,80	12,80	2,86
	32,0	9,82	2,84	10,28	2,90	10,75	2,95	10,98	2,98	11,68	3,07	12,14	3,12
	35,0	9,54	2,96	10,00	3,02	10,47	3,08	10,70	3,10	11,40	3,19	11,86	3,24
	40,0	9,07	3,18	9,53	3,23	10,00	3,29	10,23	3,32	10,91	3,36	11,34	3,36
	43,0	8,78	3,21	9,23	3,21	9,66	3,21	9,88	3,21	10,51	3,21	10,92	3,21
	46,0	8,31	2,64	8,69	2,64	9,05	2,64	9,23	2,64	9,76	2,64	10,11	2,64

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+2.5+3.5+3.5	22,0	10,23	2,49	10,66	2,52	11,10	2,63	11,31	2,65	11,97	2,73	12,40	2,78
	25,0	9,96	2,59	10,40	2,67	10,83	2,72	11,05	2,74	11,70	2,82	12,14	2,87
	32,0	9,35	2,85	9,78	2,90	10,22	2,95	10,43	2,98	11,09	3,05	11,52	3,10
	35,0	9,08	2,96	9,52	3,05	9,95	3,06	10,17	3,08	10,82	3,16	11,26	3,21
	40,0	8,64	3,15	9,08	3,20	9,51	3,25	9,73	3,27	10,38	3,35	10,82	3,40
	43,0	8,38	3,27	8,81	3,32	9,25	3,37	9,47	3,39	10,12	3,47	10,55	3,52
	46,0	7,98	3,02	8,36	3,02	8,73	3,02	8,91	3,02	9,44	3,02	9,79	3,02
2.0+2.5+2.5+3.5+4.2	22,0	10,68	2,98	11,11	3,01	11,55	3,12	11,76	3,14	12,42	3,22	12,85	3,27
	25,0	10,41	3,08	10,85	3,16	11,28	3,21	11,50	3,23	12,15	3,31	12,59	3,36
	32,0	9,80	3,34	10,23	3,39	10,67	3,44	10,88	3,47	11,54	3,54	11,97	3,59
	35,0	9,53	3,45	9,97	3,54	10,40	3,55	10,62	3,57	11,27	3,65	11,71	3,70
	40,0	9,09	3,64	9,53	3,69	9,96	3,74	10,18	3,76	10,83	3,84	11,27	3,89
	43,0	8,83	3,76	9,26	3,81	9,70	3,86	9,92	3,88	10,57	3,96	11,00	4,01
	46,0	8,43	3,51	8,81	3,51	9,18	3,51	9,36	3,51	9,89	3,51	10,24	3,51
2.0+2.5+2.5+3.5+5.0	22,0	10,76	2,86	11,23	2,91	11,70	2,97	11,93	3,00	12,63	3,08	13,10	3,14
	25,0	10,48	2,96	10,94	3,02	11,41	3,07	11,65	3,10	12,35	3,18	12,82	3,24
	32,0	9,81	3,22	10,28	3,28	10,75	3,33	10,98	3,36	11,69	3,45	12,15	3,50
	35,0	9,53	3,34	10,00	3,40	10,47	3,43	10,70	3,45	11,40	3,57	11,87	3,62
	40,0	9,06	3,56	9,52	3,61	9,99	3,67	10,23	3,70	10,91	3,74	11,34	3,74
	43,0	8,77	3,59	9,21	3,59	9,65	3,59	9,87	3,59	10,51	3,59	10,92	3,59
	46,0	8,29	3,02	8,66	3,02	9,03	3,02	9,21	3,02	9,74	3,02	10,09	3,02
2.0+2.5+2.5+4.2+4.2	22,0	10,74	2,98	11,17	3,01	11,61	3,12	11,82	3,14	12,48	3,22	12,91	3,27
	25,0	10,47	3,08	10,91	3,16	11,34	3,21	11,56	3,23	12,21	3,31	12,65	3,36
	32,0	9,86	3,34	10,29	3,39	10,73	3,44	10,94	3,47	11,60	3,54	12,03	3,59
	35,0	9,59	3,45	10,03	3,54	10,46	3,55	10,68	3,57	11,33	3,65	11,77	3,70
	40,0	9,15	3,64	9,59	3,69	10,02	3,74	10,24	3,76	10,89	3,84	11,33	3,89
	43,0	8,89	3,76	9,32	3,81	9,76	3,86	9,98	3,88	10,63	3,96	11,06	4,01
	46,0	8,49	3,51	8,87	3,51	9,24	3,51	9,42	3,51	9,95	3,51	10,30	3,51
2.0+2.5+3.5+3.5+3.5	22,0	10,69	2,95	11,16	3,00	11,63	3,06	11,86	3,09	12,56	3,17	13,03	3,23
	25,0	10,41	3,05	10,87	3,11	11,34	3,16	11,58	3,19	12,28	3,27	12,75	3,33
	32,0	9,74	3,31	10,21	3,37	10,68	3,42	10,91	3,45	11,62	3,54	12,08	3,59
	35,0	9,46	3,43	9,93	3,49	10,40	3,55	10,63	3,57	11,33	3,66	11,80	3,71
	40,0	8,99	3,65	9,45	3,70	9,92	3,76	10,16	3,79	10,84	3,83	11,27	3,83
	43,0	8,79	3,68	9,14	3,68	9,58	3,68	9,80	3,68	10,44	3,68	10,85	3,68
	46,0	8,22	3,11	8,59	3,11	8,96	3,11	9,14	3,11	9,67	3,11	10,02	3,11
2.5+2.5+2.5+2.5+2.5	22,0	10,20	2,58	10,62	2,62	11,04	2,67	11,24	2,69	11,87	2,76	12,28	2,80
	25,0	9,95	2,66	10,37	2,71	10,78	2,75	10,99	2,77	11,61	2,84	12,03	2,89
	32,0	9,36	2,87	9,78	2,92	10,19	2,96	10,40	2,99	10,43	3,05	11,44	3,10
	35,0	9,11	2,97	9,53	3,02	9,94	3,06	10,15	3,08	10,39	3,15	11,19	3,20
	40,0	8,69	3,14	9,11	3,19	9,52	3,23	9,73	3,26	10,35	3,32	10,77	3,37
	43,0	8,44	3,25	8,85	3,30	9,27	3,34	9,48	3,36	10,10	3,43	10,52	3,48
	46,0	8,16	3,30	8,54	3,30	8,92	3,30	9,10	3,30	9,64	3,30	9,99	3,30

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104168

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+2.5+2.5+2.5+3.5	22,0	10,22	2,50	10,66	2,55	11,10	2,61	11,33	2,63	11,99	2,71	12,44	2,76
	25,0	9,95	2,60	10,39	2,65	10,84	2,70	11,06	2,73	11,72	2,81	12,17	2,86
	32,0	9,32	2,84	9,76	2,89	10,21	2,94	10,43	2,97	11,10	3,05	11,54	3,10
	35,0	9,05	2,95	9,49	3,01	9,94	3,06	10,16	3,08	10,83	3,16	11,27	3,21
	40,0	8,60	3,15	9,04	3,20	9,49	3,26	9,71	3,28	10,38	3,36	10,82	3,41
	43,0	8,33	3,28	8,78	3,33	9,22	3,38	9,44	3,41	10,08	3,44	10,49	3,44
	46,0	7,90	2,87	8,28	2,87	8,64	2,87	8,82	2,87	9,35	2,87	9,70	2,87
2.5+2.5+2.5+2.5+4.2	22,0	10,23	2,50	10,67	2,55	11,11	2,61	11,34	2,63	12,00	2,71	12,45	2,76
	25,0	9,96	2,60	10,40	2,65	10,85	2,70	11,07	2,73	11,73	2,81	12,18	2,86
	32,0	9,33	2,84	9,77	2,89	10,22	2,94	10,44	2,97	11,11	3,05	11,55	3,10
	35,0	9,06	2,95	9,50	3,01	9,95	3,06	10,17	3,08	10,84	3,16	11,28	3,21
	40,0	8,61	3,15	9,05	3,20	9,50	3,26	9,72	3,28	10,39	3,36	10,83	3,41
	43,0	8,34	3,28	8,79	3,33	9,23	3,38	9,45	3,41	10,09	3,44	10,50	3,44
	46,0	7,91	2,87	8,29	2,87	8,65	2,87	8,83	2,87	9,36	2,87	9,71	2,87
2.5+2.5+2.5+2.5+5.0	22,0	10,72	2,83	11,18	2,88	11,65	2,94	11,88	2,97	12,58	3,05	13,04	3,11
	25,0	10,44	2,93	10,90	2,99	11,37	3,04	11,60	3,07	12,30	3,15	12,76	3,21
	32,0	9,78	3,19	10,24	3,25	10,71	3,30	10,94	3,33	11,64	3,42	12,10	3,47
	35,0	9,50	3,31	9,96	3,37	10,43	3,43	10,66	3,45	11,36	3,54	11,82	3,59
	40,0	9,03	3,53	9,49	3,58	9,96	3,64	10,19	3,67	10,87	3,71	11,30	3,71
	43,0	8,74	3,56	9,19	3,56	9,62	3,56	9,84	3,56	10,47	3,56	10,88	3,56
	46,0	8,27	2,99	8,65	2,99	9,01	2,99	9,19	2,99	9,72	2,99	10,07	2,99
2.5+2.5+2.5+3.5+3.5	22,0	10,23	2,49	10,66	2,52	11,10	2,63	11,31	2,65	11,97	2,73	12,40	2,78
	25,0	9,96	2,59	10,40	2,67	10,83	2,72	11,05	2,74	11,70	2,82	12,14	2,87
	32,0	9,35	2,85	9,78	2,90	10,22	2,95	10,43	2,98	11,09	3,05	11,52	3,10
	35,0	9,08	2,96	9,52	3,05	9,95	3,06	10,17	3,08	10,82	3,16	11,26	3,21
	40,0	8,64	3,15	9,08	3,20	9,51	3,25	9,73	3,27	10,38	3,35	10,82	3,40
	43,0	8,38	3,27	8,81	3,32	9,25	3,37	9,47	3,39	10,12	3,47	10,55	3,52
	46,0	7,98	3,02	8,36	3,02	8,73	3,02	8,91	3,02	9,44	3,02	9,79	3,02
2.5+2.5+2.5+3.5+4.2	22,0	10,74	2,98	11,17	3,01	11,61	3,12	11,82	3,14	12,48	3,22	12,91	3,27
	25,0	10,47	3,08	10,91	3,16	11,34	3,21	11,56	3,23	12,21	3,31	12,65	3,36
	32,0	9,86	3,34	10,29	3,39	10,73	3,44	10,94	3,47	11,60	3,54	12,03	3,59
	35,0	9,59	3,45	10,03	3,54	10,46	3,55	10,68	3,57	11,33	3,65	11,77	3,70
	40,0	9,15	3,64	9,59	3,69	10,02	3,74	10,24	3,76	10,89	3,84	11,33	3,89
	43,0	8,89	3,76	9,32	3,81	9,76	3,86	9,98	3,88	10,63	3,96	11,06	4,01
	46,0	8,49	3,51	8,87	3,51	9,24	3,51	9,42	3,51	9,95	3,51	10,30	3,51
2.5+2.5+3.5+3.5+3.5	22,0	10,69	2,95	11,16	3,00	11,63	3,06	11,86	3,09	12,56	3,17	13,03	3,23
	25,0	10,41	3,05	10,87	3,11	11,34	3,16	11,58	3,19	12,28	3,27	12,75	3,33
	32,0	9,74	3,31	10,21	3,37	10,68	3,42	10,91	3,45	11,62	3,54	12,08	3,59
	35,0	9,46	3,43	9,93	3,49	10,40	3,55	10,63	3,57	11,33	3,66	11,80	3,71
	40,0	8,99	3,65	9,45	3,70	9,92	3,76	10,16	3,79	10,84	3,83	11,27	3,83
	43,0	8,79	3,68	9,14	3,68	9,58	3,68	9,80	3,68	10,44	3,68	10,85	3,68
	46,0	8,22	3,11	8,59	3,11	8,96	3,11	9,14	3,11	9,67	3,11	10,02	3,11

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.5,3.5,4.2,5.0 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104169

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+4.2	-15,0	6,27	2,16	6,15	2,19	6,03	2,21	5,98	2,22	5,92	2,24	5,80	2,26
	-10,0	7,23	2,28	7,12	2,31	7,00	2,33	6,94	2,35	6,88	2,36	6,76	2,39
	-5,0	8,20	2,40	8,08	2,43	7,96	2,45	7,90	2,47	7,84	2,48	7,73	2,51
	0,0	9,16	2,52	9,04	2,55	8,92	2,57	8,87	2,59	8,81	2,60	8,69	2,63
	6,0	10,32	2,67	10,20	2,69	10,08	2,72	10,02	2,73	9,96	2,75	9,84	2,77
	10,0	11,09	2,76	10,97	2,79	10,85	2,82	10,79	2,83	10,73	2,84	10,59	2,85
	15,0	12,05	2,88	11,93	2,91	11,76	2,90	11,47	2,76	11,18	2,62	10,61	2,36
1.5+5.0	-15,0	6,68	2,06	6,55	2,09	6,43	2,11	6,37	2,12	6,30	2,13	6,18	2,16
	-10,0	7,71	2,17	7,58	2,20	7,46	2,22	7,39	2,23	7,33	2,24	7,20	2,27
	-5,0	8,73	2,28	8,61	2,31	8,48	2,33	8,42	2,34	8,36	2,35	8,23	2,38
	0,0	9,76	2,39	9,63	2,41	9,51	2,44	9,45	2,45	9,38	2,46	9,26	2,49
	6,0	10,99	2,52	10,87	2,55	10,74	2,57	10,68	2,58	10,61	2,59	10,49	2,62
	10,0	11,81	2,61	11,69	2,63	11,56	2,66	11,50	2,67	11,44	2,68	11,31	2,71
	15,0	12,84	2,72	12,71	2,74	12,59	2,77	12,33	2,67	12,02	2,55	11,39	2,32
1.5+6.0	-15,0	7,51	2,33	7,38	2,36	7,26	2,38	7,20	2,39	7,13	2,40	7,01	2,43
	-10,0	8,54	2,44	8,41	2,47	8,29	2,49	8,22	2,50	8,16	2,51	8,03	2,54
	-5,0	9,56	2,55	9,44	2,58	9,31	2,60	9,25	2,61	9,19	2,62	9,06	2,65
	0,0	10,59	2,66	10,46	2,68	10,34	2,71	10,28	2,72	10,21	2,73	10,09	2,76
	6,0	11,82	2,79	11,70	2,82	11,57	2,84	11,51	2,85	11,44	2,86	11,32	2,89
	10,0	12,64	2,88	12,52	2,90	12,39	2,93	12,33	2,94	12,27	2,95	12,14	2,98
	15,0	13,67	2,99	13,54	3,01	13,42	3,04	13,16	2,94	12,85	2,82	12,22	2,59
1.5+7.1	-15,0	7,53	2,31	7,40	2,34	7,28	2,36	7,22	2,37	7,15	2,38	7,03	2,41
	-10,0	8,56	2,42	8,43	2,45	8,31	2,47	8,24	2,48	8,18	2,49	8,05	2,52
	-5,0	9,58	2,53	9,46	2,56	9,33	2,58	9,27	2,59	9,21	2,60	9,08	2,63
	0,0	10,61	2,64	10,48	2,66	10,36	2,69	10,30	2,70	10,23	2,71	10,11	2,74
	6,0	11,84	2,77	11,72	2,80	11,59	2,82	11,53	2,83	11,46	2,84	11,34	2,87
	10,0	12,66	2,86	12,54	2,88	12,41	2,91	12,35	2,92	12,29	2,93	12,16	2,96
	15,0	13,69	2,97	13,56	2,99	13,44	3,02	13,18	2,92	12,87	2,80	12,24	2,57
2.0+2.0	-15,0	5,04	1,44	4,95	1,46	4,85	1,48	4,80	1,48	4,76	1,49	4,66	1,51
	-10,0	5,81	1,52	5,72	1,54	5,62	1,55	5,58	1,56	5,53	1,57	5,44	1,59
	-5,0	6,59	1,60	6,49	1,61	6,40	1,63	6,35	1,64	6,30	1,65	6,21	1,66
	0,0	7,36	1,67	7,27	1,69	7,17	1,71	7,12	1,72	7,08	1,72	6,98	1,74
	6,0	8,29	1,77	8,19	1,78	8,10	1,80	8,05	1,81	8,01	1,82	7,91	1,83
	10,0	8,91	1,83	8,81	1,84	8,72	1,86	8,67	1,87	8,62	1,88	8,53	1,90
	15,0	9,68	1,90	9,59	1,92	9,49	1,94	9,44	1,95	9,40	1,96	9,30	1,97
2.0+2.5	-15,0	5,46	1,61	5,37	1,63	5,27	1,65	5,22	1,65	5,18	1,66	5,08	1,68
	-10,0	6,23	1,69	6,14	1,71	6,04	1,72	6,00	1,73	5,95	1,74	5,86	1,76
	-5,0	7,01	1,77	6,91	1,78	6,82	1,80	6,77	1,81	6,72	1,82	6,63	1,83
	0,0	7,78	1,84	7,69	1,86	7,59	1,88	7,54	1,89	7,50	1,89	7,40	1,91
	6,0	8,71	1,94	8,61	1,95	8,52	1,97	8,47	1,98	8,43	1,99	8,33	2,00
	10,0	9,33	2,00	9,23	2,01	9,14	2,03	9,09	2,04	9,04	2,05	8,95	2,07
	15,0	10,10	2,07	10,01	2,09	9,91	2,11	9,86	2,12	9,82	2,13	9,72	2,14

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+3.5	-15,0	5,45	1,81	5,33	1,84	5,21	1,86	5,16	1,87	5,10	1,89	4,98	1,91
	-10,0	6,41	1,93	6,30	1,96	6,18	1,98	6,12	2,00	6,06	2,01	5,94	2,04
	-5,0	7,38	2,05	7,26	2,08	7,14	2,10	7,08	2,12	7,02	2,13	6,91	2,16
	0,0	8,34	2,17	8,22	2,20	8,10	2,22	8,05	2,24	7,99	2,25	7,87	2,28
	6,0	9,50	2,32	9,38	2,34	9,26	2,37	9,20	2,38	9,14	2,40	9,02	2,42
	10,0	10,27	2,41	10,15	2,44	10,03	2,47	9,97	2,48	9,91	2,49	9,77	2,50
	15,0	11,23	2,53	11,11	2,56	10,94	2,55	10,65	2,41	10,36	2,27	9,79	2,01
2.0+4.2	-15,0	6,27	2,16	6,15	2,19	6,03	2,21	5,98	2,22	5,92	2,24	5,80	2,26
	-10,0	7,23	2,28	7,12	2,31	7,00	2,33	6,94	2,35	6,88	2,36	6,76	2,39
	-5,0	8,20	2,40	8,08	2,43	7,96	2,45	7,90	2,47	7,84	2,48	7,73	2,51
	0,0	9,16	2,52	9,04	2,55	8,92	2,57	8,87	2,59	8,81	2,60	8,69	2,63
	6,0	10,32	2,67	10,20	2,69	10,08	2,72	10,02	2,73	9,96	2,75	9,84	2,77
	10,0	11,09	2,76	10,97	2,79	10,85	2,82	10,79	2,83	10,73	2,84	10,59	2,85
	15,0	12,05	2,88	11,93	2,91	11,76	2,90	11,47	2,76	11,18	2,62	10,61	2,36
2.0+5.0	-15,0	6,68	2,06	6,55	2,09	6,43	2,11	6,37	2,12	6,30	2,13	6,18	2,16
	-10,0	7,71	2,17	7,58	2,20	7,46	2,22	7,39	2,23	7,33	2,24	7,20	2,27
	-5,0	8,73	2,28	8,61	2,31	8,48	2,33	8,42	2,34	8,36	2,35	8,23	2,38
	0,0	9,76	2,39	9,63	2,41	9,51	2,44	9,45	2,45	9,38	2,46	9,26	2,49
	6,0	10,99	2,52	10,87	2,55	10,74	2,57	10,68	2,58	10,61	2,59	10,49	2,62
	10,0	11,81	2,61	11,69	2,63	11,56	2,66	11,50	2,67	11,44	2,68	11,31	2,71
	15,0	12,84	2,72	12,71	2,74	12,59	2,77	12,33	2,67	12,02	2,55	11,39	2,32
2.0+6.0	-15,0	7,51	2,33	7,38	2,36	7,26	2,38	7,20	2,39	7,13	2,40	7,01	2,43
	-10,0	8,54	2,44	8,41	2,47	8,29	2,49	8,22	2,50	8,16	2,51	8,03	2,54
	-5,0	9,56	2,55	9,44	2,58	9,31	2,60	9,25	2,61	9,19	2,62	9,06	2,65
	0,0	10,59	2,66	10,46	2,68	10,34	2,71	10,28	2,72	10,21	2,73	10,09	2,76
	6,0	11,82	2,79	11,70	2,82	11,57	2,84	11,51	2,85	11,44	2,86	11,32	2,89
	10,0	12,64	2,88	12,52	2,90	12,39	2,93	12,33	2,94	12,27	2,95	12,14	2,98
	15,0	13,67	2,99	13,54	3,01	13,42	3,04	13,16	2,94	12,85	2,82	12,22	2,59
2.0+7.1	-15,0	8,01	2,54	7,88	2,57	7,76	2,59	7,70	2,60	7,63	2,61	7,51	2,64
	-10,0	9,04	2,65	8,91	2,68	8,79	2,70	8,72	2,71	8,66	2,72	8,53	2,75
	-5,0	10,06	2,76	9,94	2,79	9,81	2,81	9,75	2,82	9,69	2,83	9,56	2,86
	0,0	11,09	2,87	10,96	2,89	10,84	2,92	10,78	2,93	10,71	2,94	10,59	2,97
	6,0	12,32	3,00	12,20	3,03	12,07	3,05	12,01	3,06	11,94	3,07	11,82	3,10
	10,0	13,14	3,09	13,02	3,11	12,89	3,14	12,83	3,15	12,77	3,16	12,64	3,19
	15,0	14,17	3,20	14,04	3,22	13,92	3,25	13,66	3,15	13,35	3,03	12,72	2,80
2.5+2.5	-15,0	5,68	1,88	5,59	1,90	5,49	1,92	5,44	1,92	5,40	1,93	5,30	1,95
	-10,0	6,45	1,96	6,36	1,98	6,26	1,99	6,22	2,00	6,17	2,01	6,08	2,03
	-5,0	7,23	2,04	7,13	2,05	7,04	2,07	6,99	2,08	6,94	2,09	6,85	2,10
	0,0	8,00	2,11	7,91	2,13	7,81	2,15	7,76	2,16	7,72	2,16	7,62	2,18
	6,0	8,93	2,21	8,83	2,22	8,74	2,24	8,69	2,25	8,65	2,26	8,55	2,27
	10,0	9,55	2,27	9,45	2,28	9,36	2,30	9,31	2,31	9,26	2,32	9,17	2,34
	15,0	10,32	2,34	10,23	2,36	10,13	2,38	10,08	2,39	10,04	2,40	9,94	2,41

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104180

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+3.5	-15,0	6,27	2,27	6,15	2,30	6,03	2,32	5,98	2,33	5,92	2,35	5,80	2,37
	-10,0	7,23	2,39	7,12	2,42	7,00	2,44	6,94	2,46	6,88	2,47	6,76	2,50
	-5,0	8,20	2,51	8,08	2,54	7,96	2,56	7,90	2,58	7,84	2,59	7,73	2,62
	0,0	9,16	2,63	9,04	2,66	8,92	2,68	8,87	2,70	8,81	2,71	8,69	2,74
	6,0	10,32	2,78	10,20	2,80	10,08	2,83	10,02	2,84	9,96	2,86	9,84	2,88
	10,0	11,09	2,87	10,97	2,90	10,85	2,93	10,79	2,94	10,73	2,95	10,59	2,96
	15,0	12,05	2,99	11,93	3,02	11,76	3,01	11,47	2,87	11,18	2,73	10,61	2,47
2.5+4.2	-15,0	6,78	2,50	6,66	2,53	6,54	2,55	6,49	2,56	6,43	2,58	6,31	2,60
	-10,0	7,74	2,62	7,63	2,65	7,51	2,67	7,45	2,69	7,39	2,70	7,27	2,73
	-5,0	8,71	2,74	8,59	2,77	8,47	2,79	8,41	2,81	8,35	2,82	8,24	2,85
	0,0	9,67	2,86	9,55	2,89	9,43	2,91	9,38	2,93	9,32	2,94	9,20	2,97
	6,0	10,83	3,01	10,71	3,03	10,59	3,06	10,53	3,07	10,47	3,09	10,35	3,11
	10,0	11,60	3,10	11,48	3,13	11,36	3,16	11,30	3,17	11,24	3,18	11,10	3,19
	15,0	12,56	3,22	12,44	3,25	12,27	3,24	11,98	3,10	11,69	2,96	11,12	2,70
2.5+5.0	-15,0	7,32	2,36	7,19	2,39	7,07	2,41	7,01	2,42	6,94	2,43	6,82	2,46
	-10,0	8,35	2,47	8,22	2,50	8,10	2,52	8,03	2,53	7,97	2,54	7,84	2,57
	-5,0	9,37	2,58	9,25	2,61	9,12	2,63	9,06	2,64	9,00	2,65	8,87	2,68
	0,0	10,40	2,69	10,27	2,71	10,15	2,74	10,09	2,75	10,02	2,76	9,90	2,79
	6,0	11,63	2,82	11,51	2,85	11,38	2,87	11,32	2,88	11,25	2,89	11,13	2,92
	10,0	12,45	2,91	12,33	2,93	12,20	2,96	12,14	2,97	12,08	2,98	11,95	3,01
	15,0	13,48	3,02	13,35	3,04	13,23	3,07	12,97	2,97	12,66	2,85	12,03	2,62
2.5+6.0	-15,0	7,51	2,40	7,38	2,43	7,26	2,45	7,20	2,46	7,13	2,47	7,01	2,50
	-10,0	8,54	2,51	8,41	2,54	8,29	2,56	8,22	2,57	8,16	2,58	8,03	2,61
	-5,0	9,56	2,62	9,44	2,65	9,31	2,67	9,25	2,68	9,19	2,69	9,06	2,72
	0,0	10,59	2,73	10,46	2,75	10,34	2,78	10,28	2,79	10,21	2,80	10,09	2,83
	6,0	11,82	2,86	11,70	2,89	11,57	2,91	11,51	2,92	11,44	2,93	11,32	2,96
	10,0	12,64	2,95	12,52	2,97	12,39	3,00	12,33	3,01	12,27	3,02	12,14	3,05
	15,0	13,67	3,06	13,54	3,08	13,42	3,11	13,16	3,01	12,85	2,89	12,22	2,66
2.5+7.1	-15,0	8,43	2,79	8,30	2,82	8,18	2,84	8,12	2,85	8,05	2,86	7,93	2,89
	-10,0	9,46	2,90	9,33	2,93	9,21	2,95	9,14	2,96	9,08	2,97	8,95	3,00
	-5,0	10,48	3,01	10,36	3,04	10,23	3,06	10,17	3,07	10,11	3,08	9,98	3,11
	0,0	11,51	3,12	11,38	3,14	11,26	3,17	11,20	3,18	11,13	3,19	11,01	3,22
	6,0	12,74	3,25	12,62	3,28	12,49	3,30	12,43	3,31	12,36	3,32	12,24	3,35
	10,0	13,56	3,34	13,44	3,36	13,31	3,39	13,25	3,40	13,19	3,41	13,06	3,44
	15,0	14,59	3,45	14,46	3,47	14,34	3,50	14,08	3,40	13,77	3,28	13,14	3,05
3.5+3.5	-15,0	6,63	2,44	6,51	2,47	6,38	2,50	6,32	2,51	6,26	2,52	6,13	2,55
	-10,0	7,65	2,57	7,53	2,60	7,40	2,62	7,34	2,64	7,28	2,65	7,15	2,68
	-5,0	8,67	2,70	8,54	2,73	8,42	2,75	8,36	2,77	8,29	2,78	8,17	2,81
	0,0	9,69	2,83	9,56	2,86	9,44	2,88	9,38	2,90	9,31	2,91	9,19	2,94
	6,0	10,91	2,98	10,78	3,01	10,66	3,04	10,60	3,05	10,54	3,07	10,41	3,10
	10,0	11,72	3,09	11,60	3,12	11,47	3,14	11,41	3,16	11,35	3,17	10,82	2,90
	15,0	12,74	3,22	12,60	3,23	12,01	2,94	11,71	2,81	11,42	2,67	11,08	2,42

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+4.2	-15,0	7,23	2,79	7,11	2,82	6,98	2,85	6,92	2,86	6,86	2,87	6,73	2,90
	-10,0	8,25	2,92	8,13	2,95	8,00	2,97	7,94	2,99	7,88	3,00	7,75	3,03
	-5,0	9,27	3,05	9,14	3,08	9,02	3,10	8,96	3,12	8,89	3,13	8,77	3,16
	0,0	10,29	3,18	10,16	3,21	10,04	3,23	9,98	3,25	9,91	3,26	9,79	3,29
	6,0	11,51	3,33	11,38	3,36	11,26	3,39	11,20	3,40	11,14	3,42	11,01	3,45
	10,0	12,32	3,44	12,20	3,47	12,07	3,49	12,01	3,51	11,95	3,52	11,42	3,25
	15,0	13,34	3,57	13,20	3,58	12,61	3,29	12,31	3,16	12,02	3,02	11,68	2,77
3.5+5.0	-15,0	7,14	2,30	7,00	2,33	6,87	2,35	6,80	2,37	6,74	2,38	6,60	2,41
	-10,0	8,23	2,42	8,10	2,45	7,97	2,48	7,90	2,49	7,83	2,50	7,70	2,53
	-5,0	9,33	2,55	9,19	2,57	9,06	2,60	8,99	2,61	8,93	2,63	8,79	2,65
	0,0	10,42	2,67	10,29	2,70	10,16	2,72	10,09	2,74	10,02	2,75	9,89	2,78
	6,0	11,74	2,82	11,60	2,84	11,47	2,87	11,40	2,88	11,34	2,90	11,20	2,92
	10,0	12,61	2,91	12,48	2,94	12,35	2,97	12,28	2,98	12,10	2,92	11,29	2,64
	15,0	13,71	3,04	13,35	2,93	12,73	2,68	12,41	2,56	12,21	2,45	11,47	2,22
3.5+6.0	-15,0	8,23	2,72	8,09	2,75	7,96	2,77	7,89	2,79	7,83	2,80	7,69	2,83
	-10,0	9,32	2,84	9,19	2,87	9,06	2,90	8,99	2,91	8,92	2,92	8,79	2,95
	-5,0	10,42	2,97	10,28	2,99	10,15	3,02	10,08	3,03	10,02	3,05	9,88	3,07
	0,0	11,51	3,09	11,38	3,12	11,25	3,14	11,18	3,16	11,11	3,17	10,98	3,20
	6,0	12,83	3,24	12,69	3,26	12,56	3,29	12,49	3,30	12,43	3,32	12,29	3,34
	10,0	13,70	3,33	13,57	3,36	13,44	3,39	13,37	3,40	13,19	3,34	12,38	3,06
	15,0	14,80	3,46	14,44	3,35	13,82	3,10	13,50	2,98	13,30	2,87	12,56	2,64
3.5+7.1	-15,0	8,26	2,64	8,12	2,67	7,99	2,69	7,92	2,71	7,86	2,72	7,72	2,75
	-10,0	9,35	2,76	9,22	2,79	9,09	2,82	9,02	2,83	8,95	2,84	8,82	2,87
	-5,0	10,45	2,89	10,31	2,91	10,18	2,94	10,11	2,95	10,05	2,97	9,91	2,99
	0,0	11,54	3,01	11,41	3,04	11,28	3,06	11,21	3,08	11,14	3,09	11,01	3,12
	6,0	12,86	3,16	12,72	3,18	12,59	3,21	12,52	3,22	12,46	3,24	12,32	3,26
	10,0	13,73	3,25	13,60	3,28	13,47	3,31	13,40	3,32	13,22	3,26	12,41	2,98
	15,0	14,83	3,38	14,47	3,27	13,85	3,02	13,53	2,90	13,33	2,79	12,59	2,56
4.2+4.2	-15,0	7,24	2,79	7,12	2,82	6,99	2,85	6,93	2,86	6,87	2,87	6,74	2,90
	-10,0	8,26	2,92	8,14	2,95	8,01	2,97	7,95	2,99	7,89	3,00	7,76	3,03
	-5,0	9,28	3,05	9,15	3,08	9,03	3,10	8,97	3,12	8,90	3,13	8,78	3,16
	0,0	10,30	3,18	10,17	3,21	10,05	3,23	9,99	3,25	9,92	3,26	9,80	3,29
	6,0	11,52	3,33	11,39	3,36	11,27	3,39	11,21	3,40	11,15	3,42	11,02	3,45
	10,0	12,33	3,44	12,21	3,47	12,08	3,49	12,02	3,51	11,96	3,52	11,43	3,25
	15,0	13,35	3,57	13,21	3,58	12,62	3,29	12,32	3,16	12,03	3,02	11,69	2,77
4.2+5.0	-15,0	7,57	2,58	7,43	2,61	7,30	2,63	7,23	2,65	7,17	2,66	7,03	2,69
	-10,0	8,66	2,70	8,53	2,73	8,40	2,76	8,33	2,77	8,26	2,78	8,13	2,81
	-5,0	9,76	2,83	9,62	2,85	9,49	2,88	9,42	2,89	9,36	2,91	9,22	2,93
	0,0	10,85	2,95	10,72	2,98	10,59	3,00	10,52	3,02	10,45	3,03	10,32	3,06
	6,0	12,17	3,10	12,03	3,12	11,90	3,15	11,83	3,16	11,77	3,18	11,63	3,20
	10,0	13,04	3,19	12,91	3,22	12,78	3,25	12,71	3,26	12,53	3,20	11,72	2,92
	15,0	14,14	3,32	13,78	3,21	13,16	2,96	12,84	2,84	12,64	2,73	11,90	2,50

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104181

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
4.2+6.0	-15,0	8,24	2,71	8,10	2,74	7,97	2,76	7,90	2,78	7,84	2,79	7,70	2,82
	-10,0	9,33	2,83	9,20	2,86	9,07	2,89	9,00	2,90	8,93	2,91	8,80	2,94
	-5,0	10,43	2,96	10,29	2,98	10,16	3,01	10,09	3,02	10,03	3,04	9,89	3,06
	0,0	11,52	3,08	11,39	3,11	11,26	3,13	11,19	3,15	11,12	3,16	10,99	3,19
	6,0	12,84	3,23	12,70	3,25	12,57	3,28	12,50	3,29	12,44	3,31	12,30	3,33
	10,0	13,71	3,32	13,58	3,35	13,45	3,38	13,38	3,39	13,20	3,33	12,39	3,05
	15,0	14,81	3,45	14,45	3,34	13,83	3,09	13,51	2,97	13,31	2,86	12,57	2,63
4.2+7.1	-15,0	8,26	2,63	8,12	2,66	7,99	2,68	7,92	2,70	7,86	2,71	7,72	2,74
	-10,0	9,35	2,75	9,22	2,78	9,09	2,81	9,02	2,82	8,95	2,83	8,82	2,86
	-5,0	10,45	2,88	10,31	2,90	10,18	2,93	10,11	2,94	10,05	2,96	9,91	2,98
	0,0	11,54	3,00	11,41	3,03	11,28	3,05	11,21	3,07	11,14	3,08	11,01	3,11
	6,0	12,86	3,15	12,72	3,17	12,59	3,20	12,52	3,21	12,46	3,23	12,32	3,25
	10,0	13,73	3,24	13,60	3,27	13,47	3,30	13,40	3,31	13,22	3,25	12,41	2,97
	15,0	14,83	3,37	14,47	3,26	13,85	3,01	13,53	2,89	13,33	2,78	12,59	2,55
5.0+5.0	-15,0	7,84	2,63	7,69	2,66	7,54	2,69	7,47	2,71	7,40	2,72	7,25	2,75
	-10,0	9,04	2,77	8,89	2,80	8,75	2,83	8,67	2,85	8,60	2,86	8,45	2,89
	-5,0	10,24	2,91	10,09	2,94	9,95	2,97	9,87	2,99	9,80	3,00	9,65	3,03
	0,0	11,44	3,05	11,30	3,08	11,15	3,11	11,07	3,13	11,00	3,14	10,85	3,17
	6,0	12,88	3,22	12,74	3,25	12,59	3,28	12,52	3,30	12,44	3,31	12,18	3,25
	10,0	13,84	3,33	13,70	3,36	13,49	3,35	13,16	3,19	12,83	3,03	12,62	2,74
	15,0	14,81	3,32	14,15	3,04	13,92	2,77	13,58	2,65	13,27	2,52	12,92	2,29
5.0+6.0	-15,0	8,09	2,55	7,94	2,58	7,79	2,61	7,72	2,63	7,65	2,64	7,50	2,67
	-10,0	9,29	2,69	9,14	2,72	9,00	2,75	8,92	2,77	8,85	2,78	8,70	2,81
	-5,0	10,49	2,83	10,34	2,86	10,20	2,89	10,12	2,91	10,05	2,92	9,90	2,95
	0,0	11,69	2,97	11,55	3,00	11,40	3,03	11,32	3,05	11,25	3,06	11,10	3,09
	6,0	13,13	3,14	12,99	3,17	12,84	3,20	12,77	3,22	12,69	3,23	12,43	3,17
	10,0	14,09	3,25	13,95	3,28	13,74	3,27	13,41	3,11	13,08	2,95	12,87	2,66
	15,0	15,06	3,24	14,40	2,96	14,17	2,69	13,83	2,57	13,52	2,44	13,17	2,21
5.0+7.1	-15,0	7,70	2,33	7,55	2,36	7,40	2,39	7,33	2,41	7,26	2,42	7,11	2,45
	-10,0	8,90	2,47	8,75	2,50	8,61	2,53	8,53	2,55	8,46	2,56	8,31	2,59
	-5,0	10,10	2,61	9,95	2,64	9,81	2,67	9,73	2,69	9,66	2,70	9,51	2,73
	0,0	11,30	2,75	11,16	2,78	11,01	2,81	10,93	2,83	10,86	2,84	10,71	2,87
	6,0	12,74	2,92	12,60	2,95	12,45	2,98	12,38	3,00	12,30	3,01	12,04	2,95
	10,0	13,70	3,03	13,56	3,06	13,35	3,05	13,02	2,89	12,69	2,73	12,48	2,44
	15,0	14,67	3,02	14,01	2,74	13,78	2,47	13,44	2,35	13,13	2,22	12,78	1,99
6.0+6.0	-15,0	7,91	2,30	7,76	2,33	7,61	2,36	7,54	2,38	7,47	2,39	7,32	2,42
	-10,0	9,11	2,44	8,96	2,47	8,82	2,50	8,74	2,52	8,67	2,53	8,52	2,56
	-5,0	10,31	2,58	10,16	2,61	10,02	2,64	9,94	2,66	9,87	2,67	9,72	2,70
	0,0	11,51	2,72	11,37	2,75	11,22	2,78	11,14	2,80	11,07	2,81	10,92	2,84
	6,0	12,95	2,89	12,81	2,92	12,66	2,95	12,59	2,97	12,51	2,98	12,25	2,92
	10,0	13,91	3,00	13,77	3,03	13,56	3,02	13,23	2,86	12,90	2,70	12,69	2,41
	15,0	14,88	2,99	14,22	2,71	13,99	2,44	13,65	2,32	13,34	2,19	12,99	1,96

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
6.0+7.1	-15,0	7,94	2,29	7,79	2,32	7,64	2,35	7,57	2,37	7,50	2,38	7,35	2,41
	-10,0	9,14	2,43	8,99	2,46	8,85	2,49	8,77	2,51	8,70	2,52	8,55	2,55
	-5,0	10,34	2,57	10,19	2,60	10,05	2,63	9,97	2,65	9,90	2,66	9,75	2,69
	0,0	11,54	2,71	11,40	2,74	11,25	2,77	11,17	2,79	11,10	2,80	10,95	2,83
	6,0	12,98	2,88	12,84	2,91	12,69	2,94	12,62	2,96	12,54	2,97	12,28	2,91
	10,0	13,94	2,99	13,80	3,02	13,59	3,01	13,26	2,85	12,93	2,69	12,72	2,40
	15,0	14,91	2,98	14,25	2,70	14,02	2,43	13,68	2,31	13,37	2,18	13,02	1,95
7.1+7.1	-15,0	7,97	2,28	7,82	2,31	7,67	2,34	7,60	2,36	7,53	2,37	7,38	2,40
	-10,0	9,17	2,42	9,02	2,45	8,88	2,48	8,80	2,50	8,73	2,51	8,58	2,54
	-5,0	10,37	2,56	10,22	2,59	10,08	2,62	10,00	2,64	9,93	2,65	9,78	2,68
	0,0	11,57	2,70	11,43	2,73	11,28	2,76	11,20	2,78	11,13	2,79	10,98	2,82
	6,0	13,01	2,87	12,87	2,90	12,72	2,93	12,65	2,95	12,57	2,96	12,31	2,90
	10,0	13,97	2,98	13,83	3,01	13,62	3,00	13,29	2,84	12,96	2,68	12,75	2,39
	15,0	14,94	2,97	14,28	2,69	14,05	2,42	13,71	2,30	13,40	2,17	13,05	1,94
1.5+1.5+1.5	-15,0	5,18	1,43	5,06	1,45	4,96	1,47	4,88	1,48	4,82	1,49	4,70	1,51
	-10,0	6,16	1,52	6,04	1,54	5,92	1,56	5,86	1,57	5,80	1,59	5,68	1,61
	-5,0	7,05	1,62	7,02	1,64	6,90	1,66	6,84	1,67	6,78	1,68	6,66	1,70
	0,0	8,11	1,71	7,99	1,73	7,88	1,76	7,82	1,77	7,76	1,78	7,64	1,80
	6,0	9,29	1,83	9,17	1,85	9,05	1,87	8,99	1,88	8,93	1,89	8,81	1,91
	10,0	10,07	1,90	9,95	1,93	9,83	1,95	9,77	1,96	9,71	1,97	9,59	1,99
	15,0	11,05	2,00	10,93	2,02	10,81	2,04	10,75	2,05	10,69	2,06	10,57	2,08
1.5+1.5+2.0	-15,0	5,18	1,43	5,06	1,45	4,96	1,47	4,88	1,48	4,82	1,49	4,70	1,51
	-10,0	6,16	1,52	6,04	1,54	5,92	1,56	5,86	1,57	5,80	1,59	5,68	1,61
	-5,0	7,05	1,62	7,02	1,64	6,90	1,66	6,84	1,67	6,78	1,68	6,66	1,70
	0,0	8,11	1,71	7,99	1,73	7,88	1,76	7,82	1,77	7,76	1,78	7,64	1,80
	6,0	9,29	1,83	9,17	1,85	9,05	1,87	8,99	1,88	8,93	1,89	8,81	1,91
	10,0	10,07	1,90	9,95	1,93	9,83	1,95	9,77	1,96	9,71	1,97	9,59	1,99
	15,0	11,05	2,00	10,93	2,02	10,81	2,04	10,75	2,05	10,69	2,06	10,57	2,08
1.5+1.5+2.5	-15,0	5,18	1,43	5,06	1,45	4,96	1,47	4,88	1,48	4,82	1,49	4,70	1,51
	-10,0	6,16	1,52	6,04	1,54	5,92	1,56	5,86	1,57	5,80	1,59	5,68	1,61
	-5,0	7,05	1,62	7,02	1,64	6,90	1,66	6,84	1,67	6,78	1,68	6,66	1,70
	0,0	8,11	1,71	7,99	1,73	7,88	1,76	7,82	1,77	7,76	1,78	7,64	1,80
	6,0	9,29	1,83	9,17	1,85	9,05	1,87	8,99	1,88	8,93	1,89	8,81	1,91
	10,0	10,07	1,90	9,95	1,93	9,83	1,95	9,77	1,96	9,71	1,97	9,59	1,99
	15,0	11,05	2,00	10,93	2,02	10,81	2,04	10,75	2,05	10,69	2,06	10,57	2,08
1.5+1.5+3.5	-15,0	6,58	1,94	6,45	1,96	6,31	1,99	6,24	2,00	6,17	2,02	6,04	2,04
	-10,0	7,70	2,06	7,56	2,08	7,43	2,11	7,36	2,12	7,29	2,14	7,15	2,16
	-5,0	8,82	2,18	8,68	2,20	8,54	2,23	8,47	2,24	8,41	2,25	8,27	2,28
	0,0	9,93	2,30	9,80	2,32	9,66	2,35	9,59	2,36	9,52	2,37	9,39	2,40
	6,0	11,27	2,44	11,14	2,46	11,00	2,49	10,93	2,50	10,86	2,52	10,73	2,54
	10,0	12,17	2,53	12,03	2,56	11,89	2,59	11,83	2,60	11,76	2,61	11,62	2,64
	15,0	13,28	2,65	13,15	2,68	13,01	2,70	12,94	2,72	12,87	2,73	12,74	2,76

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104182

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+4.2	-15,0	6,58	1,94	6,45	1,96	6,31	1,99	6,24	2,00	6,17	2,02	6,04	2,04
	-10,0	7,70	2,06	7,56	2,08	7,43	2,11	7,36	2,12	7,29	2,14	7,15	2,16
	-5,0	8,82	2,18	8,68	2,20	8,54	2,23	8,47	2,24	8,41	2,25	8,27	2,28
	0,0	9,93	2,30	9,80	2,32	9,66	2,35	9,59	2,36	9,52	2,37	9,39	2,40
	6,0	11,27	2,44	11,14	2,46	11,00	2,49	10,93	2,50	10,86	2,52	10,73	2,54
	10,0	12,17	2,53	12,03	2,56	11,89	2,59	11,83	2,60	11,76	2,61	11,62	2,64
	15,0	13,28	2,65	13,15	2,68	13,01	2,70	12,94	2,72	12,87	2,73	12,74	2,76
1.5+1.5+5.0	-15,0	7,20	2,16	7,05	2,19	6,91	2,22	6,84	2,23	6,77	2,25	6,62	2,27
	-10,0	8,38	2,29	8,24	2,32	8,09	2,35	8,02	2,36	7,95	2,37	7,80	2,40
	-5,0	9,57	2,42	9,42	2,44	9,28	2,47	9,20	2,49	9,13	2,50	8,99	2,53
	0,0	10,75	2,54	10,60	2,57	10,46	2,60	10,39	2,61	10,32	2,63	10,17	2,65
	6,0	12,17	2,69	12,02	2,72	11,88	2,75	11,81	2,76	11,74	2,78	11,59	2,81
	10,0	13,12	2,80	12,97	2,82	12,83	2,85	12,75	2,86	12,68	2,88	12,54	2,91
	15,0	14,30	2,92	14,15	2,95	14,01	2,98	13,94	2,99	13,87	3,01	13,72	3,03
1.5+1.5+6.0	-15,0	7,95	2,35	7,80	2,38	7,66	2,41	7,59	2,42	7,52	2,44	7,37	2,46
	-10,0	9,13	2,48	8,99	2,51	8,84	2,54	8,77	2,55	8,70	2,56	8,55	2,59
	-5,0	10,32	2,61	10,17	2,63	10,03	2,66	9,95	2,68	9,88	2,69	9,74	2,72
	0,0	11,50	2,73	11,35	2,76	11,21	2,79	11,14	2,80	11,07	2,82	10,92	2,84
	6,0	12,92	2,88	12,77	2,91	12,63	2,94	12,56	2,95	12,49	2,97	12,34	3,00
	10,0	13,87	2,99	13,72	3,01	13,58	3,04	13,50	3,05	13,43	3,07	13,29	3,10
	15,0	15,05	3,11	14,90	3,14	14,76	3,17	14,69	3,18	14,62	3,20	14,47	3,22
1.5+1.5+7.1	-15,0	7,99	2,34	7,84	2,37	7,70	2,40	7,63	2,41	7,56	2,43	7,41	2,45
	-10,0	9,17	2,47	9,03	2,50	8,88	2,53	8,81	2,54	8,74	2,55	8,59	2,58
	-5,0	10,36	2,60	10,21	2,62	10,07	2,65	9,99	2,67	9,92	2,68	9,78	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,18	2,79	11,11	2,81	10,96	2,83
	6,0	12,96	2,87	12,81	2,90	12,67	2,93	12,60	2,94	12,53	2,96	12,38	2,99
	10,0	13,91	2,98	13,76	3,00	13,62	3,03	13,54	3,04	13,47	3,06	13,33	3,09
	15,0	15,09	3,10	14,94	3,13	14,80	3,16	14,73	3,17	14,66	3,19	14,51	3,21
1.5+2.0+2.0	-15,0	5,18	1,43	5,06	1,45	4,96	1,47	4,88	1,48	4,82	1,49	4,70	1,51
	-10,0	6,16	1,52	6,04	1,54	5,92	1,56	5,86	1,57	5,80	1,59	5,68	1,61
	-5,0	7,05	1,62	7,02	1,64	6,90	1,66	6,84	1,67	6,78	1,68	6,66	1,70
	0,0	8,11	1,71	7,99	1,73	7,88	1,76	7,82	1,77	7,76	1,78	7,64	1,80
	6,0	9,29	1,83	9,17	1,85	9,05	1,87	8,99	1,88	8,93	1,89	8,81	1,91
	10,0	10,07	1,90	9,95	1,93	9,83	1,95	9,77	1,96	9,71	1,97	9,59	1,99
	15,0	11,05	2,00	10,93	2,02	10,81	2,04	10,75	2,05	10,69	2,06	10,57	2,08
1.5+2.0+2.5	-15,0	6,38	1,79	6,26	1,81	6,16	1,83	6,08	1,84	6,02	1,85	5,90	1,87
	-10,0	7,36	1,88	7,24	1,90	7,12	1,92	7,06	1,93	7,00	1,95	6,88	1,97
	-5,0	8,25	1,98	8,22	2,00	8,10	2,02	8,04	2,03	7,98	2,04	7,86	2,06
	0,0	9,31	2,07	9,19	2,09	9,08	2,12	9,02	2,13	8,96	2,14	8,84	2,16
	6,0	10,49	2,19	10,37	2,21	10,25	2,23	10,19	2,24	10,13	2,25	10,01	2,27
	10,0	11,27	2,26	11,15	2,29	11,03	2,31	10,97	2,32	10,91	2,33	10,79	2,35
	15,0	12,25	2,36	12,13	2,38	12,01	2,40	11,95	2,41	11,89	2,42	11,77	2,44

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+3.5	-15,0	6,58	1,94	6,45	1,96	6,31	1,99	6,24	2,00	6,17	2,02	6,04	2,04
	-10,0	7,70	2,06	7,56	2,08	7,43	2,11	7,36	2,12	7,29	2,14	7,15	2,16
	-5,0	8,82	2,18	8,68	2,20	8,54	2,23	8,47	2,24	8,41	2,25	8,27	2,28
	0,0	9,93	2,30	9,80	2,32	9,66	2,35	9,59	2,36	9,52	2,37	9,39	2,40
	6,0	11,27	2,44	11,14	2,46	11,00	2,49	10,93	2,50	10,86	2,52	10,73	2,54
	10,0	12,17	2,53	12,03	2,56	11,89	2,59	11,83	2,60	11,76	2,61	11,62	2,64
	15,0	13,28	2,65	13,15	2,68	13,01	2,70	12,94	2,72	12,87	2,73	12,74	2,76
1.5+2.0+4.2	-15,0	7,28	2,24	7,15	2,26	7,01	2,29	6,94	2,30	6,87	2,32	6,74	2,34
	-10,0	8,40	2,36	8,26	2,38	8,13	2,41	8,06	2,42	7,99	2,44	7,85	2,46
	-5,0	9,52	2,48	9,38	2,50	9,24	2,53	9,17	2,54	9,11	2,55	8,97	2,58
	0,0	10,63	2,60	10,50	2,62	10,36	2,65	10,29	2,66	10,22	2,67	10,09	2,70
	6,0	11,97	2,74	11,84	2,76	11,70	2,79	11,63	2,80	11,56	2,82	11,43	2,84
	10,0	12,87	2,83	12,73	2,86	12,59	2,89	12,53	2,90	12,46	2,91	12,32	2,94
	15,0	13,98	2,95	13,85	2,98	13,71	3,00	13,64	3,02	13,57	3,03	13,44	3,06
1.5+2.0+5.0	-15,0	7,20	2,16	7,05	2,19	6,91	2,22	6,84	2,23	6,77	2,25	6,62	2,27
	-10,0	8,38	2,29	8,24	2,32	8,09	2,35	8,02	2,36	7,95	2,37	7,80	2,40
	-5,0	9,57	2,42	9,42	2,44	9,28	2,47	9,20	2,49	9,13	2,50	8,99	2,53
	0,0	10,75	2,54	10,60	2,57	10,46	2,60	10,39	2,61	10,32	2,63	10,17	2,65
	6,0	12,17	2,69	12,02	2,72	11,88	2,75	11,81	2,76	11,74	2,78	11,59	2,81
	10,0	13,12	2,80	12,97	2,82	12,83	2,85	12,75	2,86	12,68	2,88	12,54	2,91
	15,0	14,30	2,92	14,15	2,95	14,01	2,98	13,94	2,99	13,87	3,01	13,72	3,03
1.5+2.0+6.0	-15,0	7,95	2,35	7,80	2,38	7,66	2,41	7,59	2,42	7,52	2,44	7,37	2,46
	-10,0	9,13	2,48	8,99	2,51	8,84	2,54	8,77	2,55	8,70	2,56	8,55	2,59
	-5,0	10,32	2,61	10,17	2,63	10,03	2,66	9,95	2,68	9,88	2,69	9,74	2,72
	0,0	11,50	2,73	11,35	2,76	11,21	2,79	11,14	2,80	11,07	2,82	10,92	2,84
	6,0	12,92	2,88	12,77	2,91	12,63	2,94	12,56	2,95	12,49	2,97	12,34	3,00
	10,0	13,87	2,99	13,72	3,01	13,58	3,04	13,50	3,05	13,43	3,07	13,29	3,10
	15,0	15,05	3,11	14,90	3,14	14,76	3,17	14,69	3,18	14,62	3,20	14,47	3,22
1.5+2.0+7.1	-15,0	7,99	2,34	7,84	2,37	7,70	2,40	7,63	2,41	7,56	2,43	7,41	2,45
	-10,0	9,17	2,47	9,03	2,50	8,88	2,53	8,81	2,54	8,74	2,55	8,59	2,58
	-5,0	10,36	2,60	10,21	2,62	10,07	2,65	9,99	2,67	9,92	2,68	9,78	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,18	2,79	11,11	2,81	10,96	2,83
	6,0	12,96	2,87	12,81	2,90	12,67	2,93	12,60	2,94	12,53	2,96	12,38	2,99
	10,0	13,91	2,98	13,76	3,00	13,62	3,03	13,54	3,04	13,47	3,06	13,33	3,09
	15,0	15,09	3,10	14,94	3,13	14,80	3,16	14,73	3,17	14,66	3,19	14,51	3,21
1.5+2.5+2.5	-15,0	6,94	2,03	6,82	2,05	6,72	2,07	6,64	2,08	6,58	2,09	6,46	2,11
	-10,0	7,92	2,12	7,80	2,14	7,68	2,16	7,62	2,17	7,56	2,19	7,44	2,21
	-5,0	8,81	2,22	8,78	2,24	8,66	2,26	8,60	2,27	8,54	2,28	8,42	2,30
	0,0	9,87	2,31	9,75	2,33	9,64	2,36	9,58	2,37	9,52	2,38	9,40	2,40
	6,0	11,05	2,43	10,93	2,45	10,81	2,47	10,75	2,48	10,69	2,49	10,57	2,51
	10,0	11,83	2,50	11,71	2,53	11,59	2,55	11,53	2,56	11,47	2,57	11,35	2,59
	15,0	12,81	2,60	12,69	2,62	12,57	2,64	12,51	2,65	12,45	2,66	12,33	2,68

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104183

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+3.5	-15,0	7,28	2,24	7,15	2,26	7,01	2,29	6,94	2,30	6,87	2,32	6,74	2,34
	-10,0	8,40	2,36	8,26	2,38	8,13	2,41	8,06	2,42	7,99	2,44	7,85	2,46
	-5,0	9,52	2,48	9,38	2,50	9,24	2,53	9,17	2,54	9,11	2,55	8,97	2,58
	0,0	10,63	2,60	10,50	2,62	10,36	2,65	10,29	2,66	10,22	2,67	10,09	2,70
	6,0	11,97	2,74	11,84	2,76	11,70	2,79	11,63	2,80	11,56	2,82	11,43	2,84
	10,0	12,87	2,83	12,73	2,86	12,59	2,89	12,53	2,90	12,46	2,91	12,32	2,94
	15,0	13,98	2,95	13,85	2,98	13,71	3,00	13,64	3,02	13,57	3,03	13,44	3,06
1.5+2.5+4.2	-15,0	7,28	2,24	7,15	2,26	7,01	2,29	6,94	2,30	6,87	2,32	6,74	2,34
	-10,0	8,40	2,36	8,26	2,38	8,13	2,41	8,06	2,42	7,99	2,44	7,85	2,46
	-5,0	9,52	2,48	9,38	2,50	9,24	2,53	9,17	2,54	9,11	2,55	8,97	2,58
	0,0	10,63	2,60	10,50	2,62	10,36	2,65	10,29	2,66	10,22	2,67	10,09	2,70
	6,0	11,97	2,74	11,84	2,76	11,70	2,79	11,63	2,80	11,56	2,82	11,43	2,84
	10,0	12,87	2,83	12,73	2,86	12,59	2,89	12,53	2,90	12,46	2,91	12,32	2,94
	15,0	13,98	2,95	13,85	2,98	13,71	3,00	13,64	3,02	13,57	3,03	13,44	3,06
1.5+2.5+5.0	-15,0	7,71	2,37	7,56	2,40	7,42	2,43	7,35	2,44	7,28	2,46	7,13	2,48
	-10,0	8,89	2,50	8,75	2,53	8,60	2,56	8,53	2,57	8,46	2,58	8,31	2,61
	-5,0	10,08	2,63	9,93	2,65	9,79	2,68	9,71	2,70	9,64	2,71	9,50	2,74
	0,0	11,26	2,75	11,11	2,78	10,97	2,81	10,90	2,82	10,83	2,84	10,68	2,86
	6,0	12,68	2,90	12,53	2,93	12,39	2,96	12,32	2,97	12,25	2,99	12,10	3,02
	10,0	13,63	3,01	13,48	3,03	13,34	3,06	13,26	3,07	13,19	3,09	13,05	3,12
	15,0	14,81	3,13	14,66	3,16	14,52	3,19	14,45	3,20	14,38	3,22	14,23	3,24
1.5+2.5+6.0	-15,0	7,95	2,35	7,80	2,38	7,66	2,41	7,59	2,42	7,52	2,44	7,37	2,46
	-10,0	9,13	2,48	8,99	2,51	8,84	2,54	8,77	2,55	8,70	2,56	8,55	2,59
	-5,0	10,32	2,61	10,17	2,63	10,03	2,66	9,95	2,68	9,88	2,69	9,74	2,72
	0,0	11,50	2,73	11,35	2,76	11,21	2,79	11,14	2,80	11,07	2,82	10,92	2,84
	6,0	12,92	2,88	12,77	2,91	12,63	2,94	12,56	2,95	12,49	2,97	12,34	3,00
	10,0	13,87	2,99	13,72	3,01	13,58	3,04	13,50	3,05	13,43	3,07	13,29	3,10
	15,0	15,05	3,11	14,90	3,14	14,76	3,17	14,69	3,18	14,62	3,20	14,47	3,22
1.5+2.5+7.1	-15,0	7,99	2,34	7,84	2,37	7,70	2,40	7,63	2,41	7,56	2,43	7,41	2,45
	-10,0	9,17	2,47	9,03	2,50	8,88	2,53	8,81	2,54	8,74	2,55	8,59	2,58
	-5,0	10,36	2,60	10,21	2,62	10,07	2,65	9,99	2,67	9,92	2,68	9,78	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,18	2,79	11,11	2,81	10,96	2,83
	6,0	12,96	2,87	12,81	2,90	12,67	2,93	12,60	2,94	12,53	2,96	12,38	2,99
	10,0	13,91	2,98	13,76	3,00	13,62	3,03	13,54	3,04	13,47	3,06	13,33	3,09
	15,0	15,09	3,10	14,94	3,13	14,80	3,16	14,73	3,17	14,66	3,19	14,51	3,21
1.5+3.5+3.5	-15,0	7,14	2,20	7,00	2,23	6,86	2,26	6,79	2,27	6,71	2,29	6,57	2,32
	-10,0	8,31	2,33	8,17	2,36	8,03	2,39	7,96	2,40	7,88	2,42	7,74	2,45
	-5,0	9,48	2,46	9,34	2,49	9,20	2,52	9,12	2,53	9,05	2,55	8,91	2,57
	0,0	10,65	2,59	10,51	2,62	10,37	2,65	10,29	2,66	10,22	2,67	10,08	2,70
	6,0	12,06	2,74	11,91	2,77	11,77	2,80	11,70	2,81	11,63	2,83	11,48	2,86
	10,0	12,99	2,85	12,85	2,87	12,71	2,90	12,63	2,92	12,56	2,93	12,42	2,96
	15,0	14,16	2,98	14,02	3,00	13,88	3,03	13,80	3,05	13,73	3,06	13,59	3,09

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+3.5+4.2	-15,0	7,63	2,41	7,49	2,44	7,35	2,47	7,28	2,48	7,20	2,50	7,06	2,53
	-10,0	8,80	2,54	8,66	2,57	8,52	2,60	8,45	2,61	8,37	2,63	8,23	2,66
	-5,0	9,97	2,67	9,83	2,70	9,69	2,73	9,61	2,74	9,54	2,76	9,40	2,78
	0,0	11,14	2,80	11,00	2,83	10,86	2,86	10,78	2,87	10,71	2,88	10,57	2,91
	6,0	12,55	2,95	12,40	2,98	12,26	3,01	12,19	3,02	12,12	3,04	11,97	3,07
	10,0	13,48	3,06	13,34	3,08	13,20	3,11	13,12	3,13	13,05	3,14	12,91	3,17
	15,0	14,65	3,19	14,51	3,21	14,37	3,24	14,29	3,26	14,22	3,27	14,08	3,30
1.5+3.5+5.0	-15,0	7,59	2,34	7,44	2,37	7,29	2,40	7,22	2,41	7,14	2,43	7,05	2,46
	-10,0	8,82	2,48	8,67	2,51	8,52	2,54	8,45	2,55	8,37	2,56	8,22	2,59
	-5,0	10,05	2,61	9,90	2,64	9,75	2,67	9,68	2,69	9,60	2,70	9,45	2,73
	0,0	11,28	2,75	11,13	2,78	10,98	2,81	10,91	2,82	10,83	2,84	10,68	2,87
	6,0	12,76	2,91	12,61	2,94	12,46	2,97	12,38	2,98	12,31	3,00	12,16	3,03
	10,0	13,75	3,02	13,60	3,05	13,44	3,08	13,37	3,09	13,29	3,11	13,14	3,14
	15,0	14,98	3,16	14,83	3,18	14,68	3,21	14,60	3,23	14,52	3,24	14,37	3,27
1.5+3.5+6.0	-15,0	7,83	2,32	7,68	2,35	7,53	2,38	7,46	2,39	7,38	2,41	7,29	2,44
	-10,0	9,06	2,46	8,91	2,49	8,76	2,52	8,69	2,53	8,61	2,54	8,46	2,57
	-5,0	10,29	2,59	10,14	2,62	9,99	2,65	9,92	2,67	9,84	2,68	9,69	2,71
	0,0	11,52	2,73	11,37	2,76	11,22	2,79	11,15	2,80	11,07	2,82	10,92	2,85
	6,0	13,00	2,89	12,85	2,92	12,70	2,95	12,62	2,96	12,55	2,98	12,40	3,01
	10,0	13,99	3,00	13,84	3,03	13,68	3,06	13,61	3,07	13,53	3,09	13,38	3,12
	15,0	15,22	3,14	15,07	3,16	14,92	3,19	14,84	3,21	14,76	3,22	14,61	3,25
1.5+3.5+7.1	-15,0	7,86	2,31	7,71	2,34	7,56	2,37	7,49	2,38	7,41	2,40	7,32	2,43
	-10,0	9,09	2,45	8,94	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	-5,0	10,32	2,58	10,17	2,61	10,02	2,64	9,95	2,66	9,87	2,67	9,72	2,70
	0,0	11,55	2,72	11,40	2,75	11,25	2,78	11,18	2,79	11,10	2,81	10,95	2,84
	6,0	13,03	2,88	12,88	2,91	12,73	2,94	12,65	2,95	12,58	2,97	12,43	3,00
	10,0	14,02	2,99	13,87	3,02	13,71	3,05	13,64	3,06	13,56	3,08	13,41	3,11
	15,0	15,25	3,13	15,10	3,15	14,95	3,18	14,87	3,20	14,79	3,21	14,64	3,24
1.5+4.2+4.2	-15,0	7,75	2,46	7,61	2,49	7,47	2,52	7,40	2,53	7,32	2,55	7,18	2,58
	-10,0	8,92	2,59	8,78	2,62	8,64	2,65	8,57	2,66	8,49	2,68	8,35	2,71
	-5,0	10,09	2,72	9,95	2,75	9,81	2,78	9,73	2,79	9,66	2,81	9,52	2,83
	0,0	11,26	2,85	11,12	2,88	10,98	2,91	10,90	2,92	10,83	2,93	10,69	2,96
	6,0	12,67	3,00	12,52	3,03	12,38	3,06	12,31	3,07	12,24	3,09	12,09	3,12
	10,0	13,60	3,11	13,46	3,13	13,32	3,16	13,24	3,18	13,17	3,19	13,03	3,22
	15,0	14,77	3,24	14,63	3,26	14,49	3,29	14,41	3,31	14,34	3,32	14,20	3,35
1.5+4.2+5.0	-15,0	7,71	2,34	7,56	2,37	7,41	2,40	7,34	2,41	7,26	2,43	7,17	2,46
	-10,0	8,94	2,48	8,79	2,51	8,64	2,54	8,57	2,55	8,49	2,56	8,34	2,59
	-5,0	10,17	2,61	10,02	2,64	9,87	2,67	9,80	2,69	9,72	2,70	9,57	2,73
	0,0	11,40	2,75	11,25	2,78	11,10	2,81	11,03	2,82	10,95	2,84	10,80	2,87
	6,0	12,88	2,91	12,73	2,94	12,58	2,97	12,50	2,98	12,43	3,00	12,28	3,03
	10,0	13,87	3,02	13,72	3,05	13,56	3,08	13,49	3,09	13,41	3,11	13,26	3,14
	15,0	15,10	3,16	14,95	3,18	14,80	3,21	14,72	3,23	14,64	3,24	14,49	3,27

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104184

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+4.2+6.0	-15,0	7,95	2,32	7,80	2,35	7,65	2,38	7,58	2,39	7,50	2,41	7,41	2,44
	-10,0	9,18	2,46	9,03	2,49	8,88	2,52	8,81	2,53	8,73	2,54	8,58	2,57
	-5,0	10,41	2,59	10,26	2,62	10,11	2,65	10,04	2,67	9,96	2,68	9,81	2,71
	0,0	11,64	2,73	11,49	2,76	11,34	2,79	11,27	2,80	11,19	2,82	11,04	2,85
	6,0	13,12	2,89	12,97	2,92	12,82	2,95	12,74	2,96	12,67	2,98	12,52	3,01
	10,0	14,11	3,00	13,96	3,03	13,80	3,06	13,73	3,07	13,65	3,09	13,50	3,12
	15,0	15,34	3,14	15,19	3,16	15,04	3,19	14,96	3,21	14,88	3,22	14,73	3,25
1.5+4.2+7.1	-15,0	7,98	2,30	7,83	2,33	7,68	2,36	7,61	2,37	7,53	2,39	7,44	2,42
	-10,0	9,21	2,44	9,06	2,47	8,91	2,50	8,84	2,51	8,76	2,52	8,61	2,55
	-5,0	10,44	2,57	10,29	2,60	10,14	2,63	10,07	2,65	9,99	2,66	9,84	2,69
	0,0	11,67	2,71	11,52	2,74	11,37	2,77	11,30	2,78	11,22	2,80	11,07	2,83
	6,0	13,15	2,87	13,00	2,90	12,85	2,93	12,77	2,94	12,70	2,96	12,55	2,99
	10,0	14,14	2,98	13,99	3,01	13,83	3,04	13,76	3,05	13,68	3,07	13,53	3,10
	15,0	15,37	3,12	15,22	3,14	15,07	3,17	14,99	3,19	14,91	3,20	14,76	3,23
1.5+5.0+5.0	-15,0	7,93	2,38	7,79	2,41	7,64	2,44	7,57	2,45	7,49	2,47	7,35	2,49
	-10,0	9,13	2,51	8,99	2,54	8,84	2,56	8,77	2,58	8,69	2,59	8,55	2,62
	-5,0	10,33	2,64	10,19	2,66	10,04	2,69	9,97	2,70	9,89	2,72	9,75	2,75
	0,0	11,53	2,76	11,39	2,79	11,24	2,82	11,17	2,83	11,09	2,85	10,95	2,87
	6,0	12,97	2,91	12,83	2,94	12,68	2,97	12,61	2,98	12,53	3,00	12,39	3,03
	10,0	13,93	3,02	13,79	3,04	13,64	3,07	13,57	3,09	13,49	3,10	13,35	3,13
	15,0	15,13	3,14	14,99	3,17	14,84	3,20	14,77	3,21	14,69	3,23	14,55	3,25
1.5+5.0+6.0	-15,0	8,17	2,30	8,03	2,33	7,88	2,36	7,81	2,37	7,73	2,39	7,59	2,41
	-10,0	9,37	2,43	9,23	2,46	9,08	2,48	9,01	2,50	8,93	2,51	8,79	2,54
	-5,0	10,57	2,56	10,43	2,58	10,28	2,61	10,21	2,62	10,13	2,64	9,99	2,67
	0,0	11,77	2,68	11,63	2,71	11,48	2,74	11,41	2,75	11,33	2,77	11,19	2,79
	6,0	13,21	2,83	13,07	2,86	12,92	2,89	12,85	2,90	12,77	2,92	12,63	2,95
	10,0	14,17	2,94	14,03	2,96	13,88	2,99	13,81	3,01	13,73	3,02	13,59	3,05
	15,0	15,37	3,06	15,23	3,09	15,08	3,12	15,01	3,13	14,93	3,15	14,79	3,17
1.5+5.0+7.1	-15,0	8,20	2,28	8,06	2,31	7,91	2,34	7,84	2,35	7,76	2,37	7,62	2,39
	-10,0	9,40	2,41	9,26	2,44	9,11	2,46	9,04	2,48	8,96	2,49	8,82	2,52
	-5,0	10,60	2,54	10,46	2,56	10,31	2,59	10,24	2,60	10,16	2,62	10,02	2,65
	0,0	11,80	2,66	11,66	2,69	11,51	2,72	11,44	2,73	11,36	2,75	11,22	2,77
	6,0	13,24	2,81	13,10	2,84	12,95	2,87	12,88	2,88	12,80	2,90	12,66	2,93
	10,0	14,20	2,92	14,06	2,94	13,91	2,97	13,84	2,99	13,76	3,00	13,62	3,03
	15,0	15,40	3,04	15,26	3,07	15,11	3,10	15,04	3,11	14,96	3,13	14,82	3,15
1.5+6.0+6.0	-15,0	8,41	2,22	8,27	2,25	8,12	2,28	8,05	2,29	7,97	2,31	7,83	2,33
	-10,0	9,61	2,35	9,47	2,38	9,32	2,40	9,25	2,42	9,17	2,43	9,03	2,46
	-5,0	10,81	2,48	10,67	2,50	10,52	2,53	10,45	2,54	10,37	2,56	10,23	2,59
	0,0	12,01	2,60	11,87	2,63	11,72	2,66	11,65	2,67	11,57	2,69	11,43	2,71
	6,0	13,45	2,75	13,31	2,78	13,16	2,81	13,09	2,82	13,01	2,84	12,87	2,87
	10,0	14,41	2,86	14,27	2,88	14,12	2,91	14,05	2,93	13,97	2,94	13,83	2,97
	15,0	15,61	2,98	15,47	3,01	15,32	3,04	15,25	3,05	15,17	3,07	15,03	3,09

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+6.0+7.1	-15,0	8,44	2,21	8,30	2,24	8,15	2,27	8,08	2,28	8,00	2,30	7,86	2,32
	-10,0	9,64	2,34	9,50	2,37	9,35	2,39	9,28	2,41	9,20	2,42	9,06	2,45
	-5,0	10,84	2,47	10,70	2,49	10,55	2,52	10,48	2,53	10,40	2,55	10,26	2,58
	0,0	12,04	2,59	11,90	2,62	11,75	2,65	11,68	2,66	11,60	2,68	11,46	2,70
	6,0	13,48	2,74	13,34	2,77	13,19	2,80	13,12	2,81	13,04	2,83	12,90	2,86
	10,0	14,44	2,85	14,30	2,87	14,15	2,90	14,08	2,92	14,00	2,93	13,86	2,96
	15,0	15,64	2,97	15,50	3,00	15,35	3,03	15,28	3,04	15,20	3,06	15,06	3,08
2.0+2.0+2.0	-15,0	6,38	1,79	6,26	1,81	6,16	1,83	6,08	1,84	6,02	1,85	5,90	1,87
	-10,0	7,36	1,88	7,24	1,90	7,12	1,92	7,06	1,93	7,00	1,95	6,88	1,97
	-5,0	8,25	1,98	8,22	2,00	8,10	2,02	8,04	2,03	7,98	2,04	7,86	2,06
	0,0	9,31	2,07	9,19	2,09	9,08	2,12	9,02	2,13	8,96	2,14	8,84	2,16
	6,0	10,49	2,19	10,37	2,21	10,25	2,23	10,19	2,24	10,13	2,25	10,01	2,27
	10,0	11,27	2,26	11,15	2,29	11,03	2,31	10,97	2,32	10,91	2,33	10,79	2,35
	15,0	12,25	2,36	12,13	2,38	12,01	2,40	11,95	2,41	11,89	2,42	11,77	2,44
2.0+2.0+2.5	-15,0	6,94	2,03	6,82	2,05	6,72	2,07	6,64	2,08	6,58	2,09	6,46	2,11
	-10,0	7,92	2,12	7,80	2,14	7,68	2,16	7,62	2,17	7,56	2,19	7,44	2,21
	-5,0	8,81	2,22	8,78	2,24	8,66	2,26	8,60	2,27	8,54	2,28	8,42	2,30
	0,0	9,87	2,31	9,75	2,33	9,64	2,36	9,58	2,37	9,52	2,38	9,40	2,40
	6,0	11,05	2,43	10,93	2,45	10,81	2,47	10,75	2,48	10,69	2,49	10,57	2,51
	10,0	11,83	2,50	11,71	2,53	11,59	2,55	11,53	2,56	11,47	2,57	11,35	2,59
	15,0	12,81	2,60	12,69	2,62	12,57	2,64	12,51	2,65	12,45	2,66	12,33	2,68
2.0+2.0+3.5	-15,0	7,28	2,24	7,15	2,26	7,01	2,29	6,94	2,30	6,87	2,32	6,74	2,34
	-10,0	8,40	2,36	8,26	2,38	8,13	2,41	8,06	2,42	7,99	2,44	7,85	2,46
	-5,0	9,52	2,48	9,38	2,50	9,24	2,53	9,17	2,54	9,11	2,55	8,97	2,58
	0,0	10,63	2,60	10,50	2,62	10,36	2,65	10,29	2,66	10,22	2,67	10,09	2,70
	6,0	11,97	2,74	11,84	2,76	11,70	2,79	11,63	2,80	11,56	2,82	11,43	2,84
	10,0	12,87	2,83	12,73	2,86	12,59	2,89	12,53	2,90	12,46	2,91	12,32	2,94
	15,0	13,98	2,95	13,85	2,98	13,71	3,00	13,64	3,02	13,57	3,03	13,44	3,06
2.0+2.0+4.2	-15,0	7,28	2,24	7,15	2,26	7,01	2,29	6,94	2,30	6,87	2,32	6,74	2,34
	-10,0	8,40	2,36	8,26	2,38	8,13	2,41	8,06	2,42	7,99	2,44	7,85	2,46
	-5,0	9,52	2,48	9,38	2,50	9,24	2,53	9,17	2,54	9,11	2,55	8,97	2,58
	0,0	10,63	2,60	10,50	2,62	10,36	2,65	10,29	2,66	10,22	2,67	10,09	2,70
	6,0	11,97	2,74	11,84	2,76	11,70	2,79	11,63	2,80	11,56	2,82	11,43	2,84
	10,0	12,87	2,83	12,73	2,86	12,59	2,89	12,53	2,90	12,46	2,91	12,32	2,94
	15,0	13,98	2,95	13,85	2,98	13,71	3,00	13,64	3,02	13,57	3,03	13,44	3,06
2.0+2.0+5.0	-15,0	7,71	2,37	7,56	2,40	7,42	2,43	7,35	2,44	7,28	2,46	7,13	2,48
	-10,0	8,89	2,50	8,75	2,53	8,60	2,56	8,53	2,57	8,46	2,58	8,31	2,61
	-5,0	10,08	2,63	9,93	2,65	9,79	2,68	9,71	2,70	9,64	2,71	9,50	2,74
	0,0	11,26	2,75	11,11	2,78	10,97	2,81	10,90	2,82	10,83	2,84	10,68	2,86
	6,0	12,68	2,90	12,53	2,93	12,39	2,96	12,32	2,97	12,25	2,99	12,10	3,02
	10,0	13,63	3,01	13,48	3,03	13,34	3,06	13,26	3,07	13,19	3,09	13,05	3,12
	15,0	14,81	3,13	14,66	3,16	14,52	3,19	14,45	3,20	14,38	3,22	14,23	3,24

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104185

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+6.0	-15,0	7,95	2,35	7,80	2,38	7,66	2,41	7,59	2,42	7,52	2,44	7,37	2,46
	-10,0	9,13	2,48	8,99	2,51	8,84	2,54	8,77	2,55	8,70	2,56	8,55	2,59
	-5,0	10,32	2,61	10,17	2,63	10,03	2,66	9,95	2,68	9,88	2,69	9,74	2,72
	0,0	11,50	2,73	11,35	2,76	11,21	2,79	11,14	2,80	11,07	2,82	10,92	2,84
	6,0	12,92	2,88	12,77	2,91	12,63	2,94	12,56	2,95	12,49	2,97	12,34	3,00
	10,0	13,87	2,99	13,72	3,01	13,58	3,04	13,50	3,05	13,43	3,07	13,29	3,10
	15,0	15,05	3,11	14,90	3,14	14,76	3,17	14,69	3,18	14,62	3,20	14,47	3,22
2.0+2.0+7.1	-15,0	7,99	2,34	7,84	2,37	7,70	2,40	7,63	2,41	7,56	2,43	7,41	2,45
	-10,0	9,17	2,47	9,03	2,50	8,88	2,53	8,81	2,54	8,74	2,55	8,59	2,58
	-5,0	10,36	2,60	10,21	2,62	10,07	2,65	9,99	2,67	9,92	2,68	9,78	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,18	2,79	11,11	2,81	10,96	2,83
	6,0	12,96	2,87	12,81	2,90	12,67	2,93	12,60	2,94	12,53	2,96	12,38	2,99
	10,0	13,91	2,98	13,76	3,00	13,62	3,03	13,54	3,04	13,47	3,06	13,33	3,09
	15,0	15,09	3,10	14,94	3,13	14,80	3,16	14,73	3,17	14,66	3,19	14,51	3,21
2.0+2.5+2.5	-15,0	6,94	2,03	6,82	2,05	6,72	2,07	6,64	2,08	6,58	2,09	6,46	2,11
	-10,0	7,92	2,12	7,80	2,14	7,68	2,16	7,62	2,17	7,56	2,19	7,44	2,21
	-5,0	8,81	2,22	8,78	2,24	8,66	2,26	8,60	2,27	8,54	2,28	8,42	2,30
	0,0	9,87	2,31	9,75	2,33	9,64	2,36	9,58	2,37	9,52	2,38	9,40	2,40
	6,0	11,05	2,43	10,93	2,45	10,81	2,47	10,75	2,48	10,69	2,49	10,57	2,51
	10,0	11,83	2,50	11,71	2,53	11,59	2,55	11,53	2,56	11,47	2,57	11,35	2,59
	15,0	12,81	2,60	12,69	2,62	12,57	2,64	12,51	2,65	12,45	2,66	12,33	2,68
2.0+2.5+3.5	-15,0	7,28	2,24	7,15	2,26	7,01	2,29	6,94	2,30	6,87	2,32	6,74	2,34
	-10,0	8,40	2,36	8,26	2,38	8,13	2,41	8,06	2,42	7,99	2,44	7,85	2,46
	-5,0	9,52	2,48	9,38	2,50	9,24	2,53	9,17	2,54	9,11	2,55	8,97	2,58
	0,0	10,63	2,60	10,50	2,62	10,36	2,65	10,29	2,66	10,22	2,67	10,09	2,70
	6,0	11,97	2,74	11,84	2,76	11,70	2,79	11,63	2,80	11,56	2,82	11,43	2,84
	10,0	12,87	2,83	12,73	2,86	12,59	2,89	12,53	2,90	12,46	2,91	12,32	2,94
	15,0	13,98	2,95	13,85	2,98	13,71	3,00	13,64	3,02	13,57	3,03	13,44	3,06
2.0+2.5+4.2	-15,0	7,76	2,45	7,63	2,47	7,49	2,50	7,42	2,51	7,35	2,53	7,22	2,55
	-10,0	8,88	2,57	8,74	2,59	8,61	2,62	8,54	2,63	8,47	2,65	8,33	2,67
	-5,0	10,00	2,69	9,86	2,71	9,72	2,74	9,65	2,75	9,59	2,76	9,45	2,79
	0,0	11,11	2,81	10,98	2,83	10,84	2,86	10,77	2,87	10,70	2,88	10,57	2,91
	6,0	12,45	2,95	12,32	2,97	12,18	3,00	12,11	3,01	12,04	3,03	11,91	3,05
	10,0	13,35	3,04	13,21	3,07	13,07	3,10	13,01	3,11	12,94	3,12	12,80	3,15
	15,0	14,46	3,16	14,33	3,19	14,19	3,21	14,12	3,23	14,05	3,24	13,92	3,27
2.0+2.5+5.0	-15,0	7,71	2,37	7,56	2,40	7,42	2,43	7,35	2,44	7,28	2,46	7,13	2,48
	-10,0	8,89	2,50	8,75	2,53	8,60	2,56	8,53	2,57	8,46	2,58	8,31	2,61
	-5,0	10,08	2,63	9,93	2,65	9,79	2,68	9,71	2,70	9,64	2,71	9,50	2,74
	0,0	11,26	2,75	11,11	2,78	10,97	2,81	10,90	2,82	10,83	2,84	10,68	2,86
	6,0	12,68	2,90	12,53	2,93	12,39	2,96	12,32	2,97	12,25	2,99	12,10	3,02
	10,0	13,63	3,01	13,48	3,03	13,34	3,06	13,26	3,07	13,19	3,09	13,05	3,12
	15,0	14,81	3,13	14,66	3,16	14,52	3,19	14,45	3,20	14,38	3,22	14,23	3,24

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+6.0	-15,0	7,95	2,35	7,80	2,38	7,66	2,41	7,59	2,42	7,52	2,44	7,37	2,46
	-10,0	9,13	2,48	8,99	2,51	8,84	2,54	8,77	2,55	8,70	2,56	8,55	2,59
	-5,0	10,32	2,61	10,17	2,63	10,03	2,66	9,95	2,68	9,88	2,69	9,74	2,72
	0,0	11,50	2,73	11,35	2,76	11,21	2,79	11,14	2,80	11,07	2,82	10,92	2,84
	6,0	12,92	2,88	12,77	2,91	12,63	2,94	12,56	2,95	12,49	2,97	12,34	3,00
	10,0	13,87	2,99	13,72	3,01	13,58	3,04	13,50	3,05	13,43	3,07	13,29	3,10
	15,0	15,05	3,11	14,90	3,14	14,76	3,17	14,69	3,18	14,62	3,20	14,47	3,22
2.0+2.5+7.1	-15,0	7,99	2,34	7,84	2,37	7,70	2,40	7,63	2,41	7,56	2,43	7,41	2,45
	-10,0	9,17	2,47	9,03	2,50	8,88	2,53	8,81	2,54	8,74	2,55	8,59	2,58
	-5,0	10,36	2,60	10,21	2,62	10,07	2,65	9,99	2,67	9,92	2,68	9,78	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,18	2,79	11,11	2,81	10,96	2,83
	6,0	12,96	2,87	12,81	2,90	12,67	2,93	12,60	2,94	12,53	2,96	12,38	2,99
	10,0	13,91	2,98	13,76	3,00	13,62	3,03	13,54	3,04	13,47	3,06	13,33	3,09
	15,0	15,09	3,10	14,94	3,13	14,80	3,16	14,73	3,17	14,66	3,19	14,51	3,21
2.0+3.5+3.5	-15,0	7,62	2,41	7,48	2,44	7,34	2,47	7,27	2,48	7,19	2,50	7,05	2,53
	-10,0	8,79	2,54	8,65	2,57	8,51	2,60	8,44	2,61	8,36	2,63	8,22	2,66
	-5,0	9,96	2,67	9,82	2,70	9,68	2,73	9,60	2,74	9,53	2,76	9,39	2,78
	0,0	11,13	2,80	10,99	2,83	10,85	2,86	10,77	2,87	10,70	2,88	10,56	2,91
	6,0	12,54	2,95	12,39	2,98	12,25	3,01	12,18	3,02	12,11	3,04	11,96	3,07
	10,0	13,47	3,06	13,33	3,08	13,19	3,11	13,11	3,13	13,04	3,14	12,90	3,17
	15,0	14,64	3,19	14,50	3,21	14,36	3,24	14,28	3,26	14,21	3,27	14,07	3,30
2.0+3.5+4.2	-15,0	7,82	2,51	7,68	2,54	7,54	2,57	7,47	2,58	7,39	2,60	7,25	2,63
	-10,0	8,99	2,64	8,85	2,67	8,71	2,70	8,64	2,71	8,56	2,73	8,42	2,76
	-5,0	10,16	2,77	10,02	2,80	9,88	2,83	9,80	2,84	9,73	2,86	9,59	2,88
	0,0	11,33	2,90	11,19	2,93	11,05	2,96	10,97	2,97	10,90	2,98	10,76	3,01
	6,0	12,74	3,05	12,59	3,08	12,45	3,11	12,38	3,12	12,31	3,14	12,16	3,17
	10,0	13,67	3,16	13,53	3,18	13,39	3,21	13,31	3,23	13,24	3,24	13,10	3,27
	15,0	14,84	3,29	14,70	3,31	14,56	3,34	14,48	3,36	14,41	3,37	14,27	3,40
2.0+3.5+5.0	-15,0	8,02	2,56	7,87	2,59	7,72	2,62	7,65	2,63	7,57	2,65	7,48	2,68
	-10,0	9,25	2,70	9,10	2,73	8,95	2,76	8,88	2,77	8,80	2,78	8,65	2,81
	-5,0	10,48	2,83	10,33	2,86	10,18	2,89	10,11	2,91	10,03	2,92	9,88	2,95
	0,0	11,71	2,97	11,56	3,00	11,41	3,03	11,34	3,04	11,26	3,06	11,11	3,09
	6,0	13,19	3,13	13,04	3,16	12,89	3,19	12,81	3,20	12,74	3,22	12,59	3,25
	10,0	14,18	3,24	14,03	3,27	13,87	3,30	13,80	3,31	13,72	3,33	13,57	3,36
	15,0	15,41	3,38	15,26	3,40	15,11	3,43	15,03	3,45	14,95	3,46	14,80	3,49
2.0+3.5+6.0	-15,0	7,83	2,32	7,68	2,35	7,53	2,38	7,46	2,39	7,38	2,41	7,29	2,44
	-10,0	9,06	2,46	8,91	2,49	8,76	2,52	8,69	2,53	8,61	2,54	8,46	2,57
	-5,0	10,29	2,59	10,14	2,62	9,99	2,65	9,92	2,67	9,84	2,68	9,69	2,71
	0,0	11,52	2,73	11,37	2,76	11,22	2,79	11,15	2,80	11,07	2,82	10,92	2,85
	6,0	13,00	2,89	12,85	2,92	12,70	2,95	12,62	2,96	12,55	2,98	12,40	3,01
	10,0	13,99	3,00	13,84	3,03	13,68	3,06	13,61	3,07	13,53	3,09	13,38	3,12
	15,0	15,22	3,14	15,07	3,16	14,92	3,19	14,84	3,21	14,76	3,22	14,61	3,25

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104186

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+3.5+7.1	-15,0	7,86	2,31	7,71	2,34	7,56	2,37	7,49	2,38	7,41	2,40	7,32	2,43
	-10,0	9,09	2,45	8,94	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	-5,0	10,32	2,58	10,17	2,61	10,02	2,64	9,95	2,66	9,87	2,67	9,72	2,70
	0,0	11,55	2,72	11,40	2,75	11,25	2,78	11,18	2,79	11,10	2,81	10,95	2,84
	6,0	13,03	2,88	12,88	2,91	12,73	2,94	12,65	2,95	12,58	2,97	12,43	3,00
	10,0	14,02	2,99	13,87	3,02	13,71	3,05	13,64	3,06	13,56	3,08	13,41	3,11
	15,0	15,25	3,13	15,10	3,15	14,95	3,18	14,87	3,20	14,79	3,21	14,64	3,24
2.0+4.2+4.2	-15,0	7,83	2,51	7,69	2,54	7,55	2,57	7,48	2,58	7,40	2,60	7,26	2,63
	-10,0	9,00	2,64	8,86	2,67	8,72	2,70	8,65	2,71	8,57	2,73	8,43	2,76
	-5,0	10,17	2,77	10,03	2,80	9,89	2,83	9,81	2,84	9,74	2,86	9,60	2,88
	0,0	11,34	2,90	11,20	2,93	11,06	2,96	10,98	2,97	10,91	2,98	10,77	3,01
	6,0	12,75	3,05	12,60	3,08	12,46	3,11	12,39	3,12	12,32	3,14	12,17	3,17
	10,0	13,68	3,16	13,54	3,18	13,40	3,21	13,32	3,23	13,25	3,24	13,11	3,27
	15,0	14,85	3,29	14,71	3,31	14,57	3,34	14,49	3,36	14,42	3,37	14,28	3,40
2.0+4.2+5.0	-15,0	8,03	2,56	7,88	2,59	7,73	2,62	7,66	2,63	7,58	2,65	7,49	2,68
	-10,0	9,26	2,70	9,11	2,73	8,96	2,76	8,89	2,77	8,81	2,78	8,66	2,81
	-5,0	10,49	2,83	10,34	2,86	10,19	2,89	10,12	2,91	10,04	2,92	9,89	2,95
	0,0	11,72	2,97	11,57	3,00	11,42	3,03	11,35	3,04	11,27	3,06	11,12	3,09
	6,0	13,20	3,13	13,05	3,16	12,90	3,19	12,82	3,20	12,75	3,22	12,60	3,25
	10,0	14,19	3,24	14,04	3,27	13,88	3,30	13,81	3,31	13,73	3,33	13,58	3,36
	15,0	15,42	3,38	15,27	3,40	15,12	3,43	15,04	3,45	14,96	3,46	14,81	3,49
2.0+4.2+6.0	-15,0	7,84	2,32	7,69	2,35	7,54	2,38	7,47	2,39	7,39	2,41	7,30	2,44
	-10,0	9,07	2,46	8,92	2,49	8,77	2,52	8,70	2,53	8,62	2,54	8,47	2,57
	-5,0	10,30	2,59	10,15	2,62	10,00	2,65	9,93	2,67	9,85	2,68	9,70	2,71
	0,0	11,53	2,73	11,38	2,76	11,23	2,79	11,16	2,80	11,08	2,82	10,93	2,85
	6,0	13,01	2,89	12,86	2,92	12,71	2,95	12,63	2,96	12,56	2,98	12,41	3,01
	10,0	14,00	3,00	13,85	3,03	13,69	3,06	13,62	3,07	13,54	3,09	13,39	3,12
	15,0	15,23	3,14	15,08	3,16	14,93	3,19	14,85	3,21	14,77	3,22	14,62	3,25
2.0+4.2+7.1	-15,0	7,87	2,30	7,72	2,33	7,57	2,36	7,50	2,37	7,42	2,39	7,33	2,42
	-10,0	9,10	2,44	8,95	2,47	8,80	2,50	8,73	2,51	8,65	2,52	8,50	2,55
	-5,0	10,33	2,57	10,18	2,60	10,03	2,63	9,96	2,65	9,88	2,66	9,73	2,69
	0,0	11,56	2,71	11,41	2,74	11,26	2,77	11,19	2,78	11,11	2,80	10,96	2,83
	6,0	13,04	2,87	12,89	2,90	12,74	2,93	12,66	2,94	12,59	2,96	12,44	2,99
	10,0	14,03	2,98	13,88	3,01	13,72	3,04	13,65	3,05	13,57	3,07	13,42	3,10
	15,0	15,26	3,12	15,11	3,14	14,96	3,17	14,88	3,19	14,80	3,20	14,65	3,23
2.0+5.0+5.0	-15,0	7,82	2,38	7,68	2,41	7,53	2,44	7,46	2,45	7,38	2,47	7,24	2,49
	-10,0	9,02	2,51	8,88	2,54	8,73	2,56	8,66	2,58	8,58	2,59	8,44	2,62
	-5,0	10,22	2,64	10,08	2,66	9,93	2,69	9,86	2,70	9,78	2,72	9,64	2,75
	0,0	11,42	2,76	11,28	2,79	11,13	2,82	11,06	2,83	10,98	2,85	10,84	2,87
	6,0	12,86	2,91	12,72	2,94	12,57	2,97	12,50	2,98	12,42	3,00	12,28	3,03
	10,0	13,82	3,02	13,68	3,04	13,53	3,07	13,46	3,09	13,38	3,10	13,24	3,13
	15,0	15,02	3,14	14,88	3,17	14,73	3,20	14,66	3,21	14,58	3,23	14,44	3,25

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+5.0+6.0	-15,0	8,05	2,30	7,91	2,33	7,76	2,36	7,69	2,37	7,61	2,39	7,47	2,41
	-10,0	9,25	2,43	9,11	2,46	8,96	2,48	8,89	2,50	8,81	2,51	8,67	2,54
	-5,0	10,45	2,56	10,31	2,58	10,16	2,61	10,09	2,62	10,01	2,64	9,87	2,67
	0,0	11,65	2,68	11,51	2,71	11,36	2,74	11,29	2,75	11,21	2,77	11,07	2,79
	6,0	13,09	2,83	12,95	2,86	12,80	2,89	12,73	2,90	12,65	2,92	12,51	2,95
	10,0	14,05	2,94	13,91	2,96	13,76	2,99	13,69	3,01	13,61	3,02	13,47	3,05
	15,0	15,25	3,06	15,11	3,09	14,96	3,12	14,89	3,13	14,81	3,15	14,67	3,17
2.0+5.0+7.1	-15,0	8,09	2,28	7,95	2,31	7,80	2,34	7,73	2,35	7,65	2,37	7,51	2,39
	-10,0	9,29	2,41	9,15	2,44	9,00	2,46	8,93	2,48	8,85	2,49	8,71	2,52
	-5,0	10,49	2,54	10,35	2,56	10,20	2,59	10,13	2,60	10,05	2,62	9,91	2,65
	0,0	11,69	2,66	11,55	2,69	11,40	2,72	11,33	2,73	11,25	2,75	11,11	2,77
	6,0	13,13	2,81	12,99	2,84	12,84	2,87	12,77	2,88	12,69	2,90	12,55	2,93
	10,0	14,09	2,92	13,95	2,94	13,80	2,97	13,73	2,99	13,65	3,00	13,51	3,03
	15,0	15,29	3,04	15,15	3,07	15,00	3,10	14,93	3,11	14,85	3,13	14,71	3,15
2.0+6.0+6.0	-15,0	8,29	2,22	8,15	2,25	8,00	2,28	7,93	2,29	7,85	2,31	7,71	2,33
	-10,0	9,49	2,35	9,35	2,38	9,20	2,40	9,13	2,42	9,05	2,43	8,91	2,46
	-5,0	10,69	2,48	10,55	2,50	10,40	2,53	10,33	2,54	10,25	2,56	10,11	2,59
	0,0	11,89	2,60	11,75	2,63	11,60	2,66	11,53	2,67	11,45	2,69	11,31	2,71
	6,0	13,33	2,75	13,19	2,78	13,04	2,81	12,97	2,82	12,89	2,84	12,75	2,87
	10,0	14,29	2,86	14,15	2,88	14,00	2,91	13,93	2,93	13,85	2,94	13,71	2,97
	15,0	15,49	2,98	15,35	3,01	15,20	3,04	15,13	3,05	15,05	3,07	14,91	3,09
2.0+6.0+7.1	-15,0	8,32	2,21	8,18	2,24	8,03	2,27	7,96	2,28	7,88	2,30	7,74	2,32
	-10,0	9,52	2,34	9,38	2,37	9,23	2,39	9,16	2,41	9,08	2,42	8,94	2,45
	-5,0	10,72	2,47	10,58	2,49	10,43	2,52	10,36	2,53	10,28	2,55	10,14	2,58
	0,0	11,92	2,59	11,78	2,62	11,63	2,65	11,56	2,66	11,48	2,68	11,34	2,70
	6,0	13,36	2,74	13,22	2,77	13,07	2,80	13,00	2,81	12,92	2,83	12,78	2,86
	10,0	14,32	2,85	14,18	2,87	14,03	2,90	13,96	2,92	13,88	2,93	13,74	2,96
	15,0	15,52	2,97	15,38	3,00	15,23	3,03	15,16	3,04	15,08	3,06	14,94	3,08
2.5+2.5+2.5	-15,0	7,64	2,32	7,52	2,34	7,42	2,36	7,34	2,37	7,28	2,38	7,16	2,40
	-10,0	8,62	2,41	8,50	2,43	8,38	2,45	8,32	2,46	8,26	2,48	8,14	2,50
	-5,0	9,51	2,51	9,48	2,53	9,36	2,55	9,30	2,56	9,24	2,57	9,12	2,59
	0,0	10,57	2,60	10,45	2,62	10,34	2,65	10,28	2,66	10,22	2,67	10,10	2,69
	6,0	11,75	2,72	11,63	2,74	11,51	2,76	11,45	2,77	11,39	2,78	11,27	2,80
	10,0	12,53	2,79	12,41	2,82	12,29	2,84	12,23	2,85	12,17	2,86	12,05	2,88
	15,0	13,51	2,89	13,39	2,91	13,27	2,93	13,21	2,94	13,15	2,95	13,03	2,97
2.5+2.5+3.5	-15,0	7,28	2,24	7,15	2,26	7,01	2,29	6,94	2,30	6,87	2,32	6,74	2,34
	-10,0	8,40	2,36	8,26	2,38	8,13	2,41	8,06	2,42	7,99	2,44	7,85	2,46
	-5,0	9,52	2,48	9,38	2,50	9,24	2,53	9,17	2,54	9,11	2,55	8,97	2,58
	0,0	10,63	2,60	10,50	2,62	10,36	2,65	10,29	2,66	10,22	2,67	10,09	2,70
	6,0	11,97	2,74	11,84	2,76	11,70	2,79	11,63	2,80	11,56	2,82	11,43	2,84
	10,0	12,87	2,83	12,73	2,86	12,59	2,89	12,53	2,90	12,46	2,91	12,32	2,94
	15,0	13,98	2,95	13,85	2,98	13,71	3,00	13,64	3,02	13,57	3,03	13,44	3,06

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104187

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+2.5+4.2	-15,0	7,76	2,45	7,63	2,47	7,49	2,50	7,42	2,51	7,35	2,53	7,22	2,55
	-10,0	8,88	2,57	8,74	2,59	8,61	2,62	8,54	2,63	8,47	2,65	8,33	2,67
	-5,0	10,00	2,69	9,86	2,71	9,72	2,74	9,65	2,75	9,59	2,76	9,45	2,79
	0,0	11,11	2,81	10,98	2,83	10,84	2,86	10,77	2,87	10,70	2,88	10,57	2,91
	6,0	12,45	2,95	12,32	2,97	12,18	3,00	12,11	3,01	12,04	3,03	11,91	3,05
	10,0	13,35	3,04	13,21	3,07	13,07	3,10	13,01	3,11	12,94	3,12	12,80	3,15
	15,0	14,46	3,16	14,33	3,19	14,19	3,21	14,12	3,23	14,05	3,24	13,92	3,27
2.5+2.5+5.0	-15,0	8,14	2,59	7,99	2,62	7,85	2,65	7,78	2,66	7,71	2,68	7,56	2,70
	-10,0	9,32	2,72	9,18	2,75	9,03	2,78	8,96	2,79	8,89	2,80	8,74	2,83
	-5,0	10,51	2,85	10,36	2,87	10,22	2,90	10,14	2,92	10,07	2,93	9,93	2,96
	0,0	11,69	2,97	11,54	3,00	11,40	3,03	11,33	3,04	11,26	3,06	11,11	3,08
	6,0	13,11	3,12	12,96	3,15	12,82	3,18	12,75	3,19	12,68	3,21	12,53	3,24
	10,0	14,06	3,23	13,91	3,25	13,77	3,28	13,69	3,29	13,62	3,31	13,48	3,34
	15,0	15,24	3,35	15,09	3,38	14,95	3,41	14,88	3,42	14,81	3,44	14,66	3,46
2.5+2.5+6.0	-15,0	7,95	2,35	7,80	2,38	7,66	2,41	7,59	2,42	7,52	2,44	7,37	2,46
	-10,0	9,13	2,48	8,99	2,51	8,84	2,54	8,77	2,55	8,70	2,56	8,55	2,59
	-5,0	10,32	2,61	10,17	2,63	10,03	2,66	9,95	2,68	9,88	2,69	9,74	2,72
	0,0	11,50	2,73	11,35	2,76	11,21	2,79	11,14	2,80	11,07	2,82	10,92	2,84
	6,0	12,92	2,88	12,77	2,91	12,63	2,94	12,56	2,95	12,49	2,97	12,34	3,00
	10,0	13,87	2,99	13,72	3,01	13,58	3,04	13,50	3,05	13,43	3,07	13,29	3,10
	15,0	15,05	3,11	14,90	3,14	14,76	3,17	14,69	3,18	14,62	3,20	14,47	3,22
2.5+2.5+7.1	-15,0	7,99	2,34	7,84	2,37	7,70	2,40	7,63	2,41	7,56	2,43	7,41	2,45
	-10,0	9,17	2,47	9,03	2,50	8,88	2,53	8,81	2,54	8,74	2,55	8,59	2,58
	-5,0	10,36	2,60	10,21	2,62	10,07	2,65	9,99	2,67	9,92	2,68	9,78	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,18	2,79	11,11	2,81	10,96	2,83
	6,0	12,96	2,87	12,81	2,90	12,67	2,93	12,60	2,94	12,53	2,96	12,38	2,99
	10,0	13,91	2,98	13,76	3,00	13,62	3,03	13,54	3,04	13,47	3,06	13,33	3,09
	15,0	15,09	3,10	14,94	3,13	14,80	3,16	14,73	3,17	14,66	3,19	14,51	3,21
2.5+3.5+3.5	-15,0	8,04	2,62	7,90	2,65	7,76	2,68	7,69	2,69	7,61	2,71	7,47	2,74
	-10,0	9,21	2,75	9,07	2,78	8,93	2,81	8,86	2,82	8,78	2,84	8,64	2,87
	-5,0	10,38	2,88	10,24	2,91	10,10	2,94	10,02	2,95	9,95	2,97	9,81	2,99
	0,0	11,55	3,01	11,41	3,04	11,27	3,07	11,19	3,08	11,12	3,09	10,98	3,12
	6,0	12,96	3,16	12,81	3,19	12,67	3,22	12,60	3,23	12,53	3,25	12,38	3,28
	10,0	13,89	3,27	13,75	3,29	13,61	3,32	13,53	3,34	13,46	3,35	13,32	3,38
	15,0	15,06	3,40	14,92	3,42	14,78	3,45	14,70	3,47	14,63	3,48	14,49	3,51
2.5+3.5+4.2	-15,0	8,05	2,62	7,91	2,65	7,77	2,68	7,70	2,69	7,62	2,71	7,48	2,74
	-10,0	9,22	2,75	9,08	2,78	8,94	2,81	8,87	2,82	8,79	2,84	8,65	2,87
	-5,0	10,39	2,88	10,25	2,91	10,11	2,94	10,03	2,95	9,96	2,97	9,82	2,99
	0,0	11,56	3,01	11,42	3,04	11,28	3,07	11,20	3,08	11,13	3,09	10,99	3,12
	6,0	12,97	3,16	12,82	3,19	12,68	3,22	12,61	3,23	12,54	3,25	12,39	3,28
	10,0	13,90	3,27	13,76	3,29	13,62	3,32	13,54	3,34	13,47	3,35	13,33	3,38
	15,0	15,07	3,40	14,93	3,42	14,79	3,45	14,71	3,47	14,64	3,48	14,50	3,51

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+3.5+5.0	-15,0	8,02	2,56	7,87	2,59	7,72	2,62	7,65	2,63	7,57	2,65	7,48	2,68
	-10,0	9,25	2,70	9,10	2,73	8,95	2,76	8,88	2,77	8,80	2,78	8,65	2,81
	-5,0	10,48	2,83	10,33	2,86	10,18	2,89	10,11	2,91	10,03	2,92	9,88	2,95
	0,0	11,71	2,97	11,56	3,00	11,41	3,03	11,34	3,04	11,26	3,06	11,11	3,09
	6,0	13,19	3,13	13,04	3,16	12,89	3,19	12,81	3,20	12,74	3,22	12,59	3,25
	10,0	14,18	3,24	14,03	3,27	13,87	3,30	13,80	3,31	13,72	3,33	13,57	3,36
	15,0	15,41	3,38	15,26	3,40	15,11	3,43	15,03	3,45	14,95	3,46	14,80	3,49
2.5+3.5+6.0	-15,0	7,83	2,32	7,68	2,35	7,53	2,38	7,46	2,39	7,38	2,41	7,29	2,44
	-10,0	9,06	2,46	8,91	2,49	8,76	2,52	8,69	2,53	8,61	2,54	8,46	2,57
	-5,0	10,29	2,59	10,14	2,62	9,99	2,65	9,92	2,67	9,84	2,68	9,69	2,71
	0,0	11,52	2,73	11,37	2,76	11,22	2,79	11,15	2,80	11,07	2,82	10,92	2,85
	6,0	13,00	2,89	12,85	2,92	12,70	2,95	12,62	2,96	12,55	2,98	12,40	3,01
	10,0	13,99	3,00	13,84	3,03	13,68	3,06	13,61	3,07	13,53	3,09	13,38	3,12
	15,0	15,22	3,14	15,07	3,16	14,92	3,19	14,84	3,21	14,76	3,22	14,61	3,25
2.5+3.5+7.1	-15,0	7,86	2,31	7,71	2,34	7,56	2,37	7,49	2,38	7,41	2,40	7,32	2,43
	-10,0	9,09	2,45	8,94	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	-5,0	10,32	2,58	10,17	2,61	10,02	2,64	9,95	2,66	9,87	2,67	9,72	2,70
	0,0	11,55	2,72	11,40	2,75	11,25	2,78	11,18	2,79	11,10	2,81	10,95	2,84
	6,0	13,03	2,88	12,88	2,91	12,73	2,94	12,65	2,95	12,58	2,97	12,43	3,00
	10,0	14,02	2,99	13,87	3,02	13,71	3,05	13,64	3,06	13,56	3,08	13,41	3,11
	15,0	15,25	3,13	15,10	3,15	14,95	3,18	14,87	3,20	14,79	3,21	14,64	3,24
2.5+4.2+4.2	-15,0	8,05	2,62	7,91	2,65	7,77	2,68	7,70	2,69	7,62	2,71	7,48	2,74
	-10,0	9,22	2,75	9,08	2,78	8,94	2,81	8,87	2,82	8,79	2,84	8,65	2,87
	-5,0	10,39	2,88	10,25	2,91	10,11	2,94	10,03	2,95	9,96	2,97	9,82	2,99
	0,0	11,56	3,01	11,42	3,04	11,28	3,07	11,20	3,08	11,13	3,09	10,99	3,12
	6,0	12,97	3,16	12,82	3,19	12,68	3,22	12,61	3,23	12,54	3,25	12,39	3,28
	10,0	13,90	3,27	13,76	3,29	13,62	3,32	13,54	3,34	13,47	3,35	13,33	3,38
	15,0	15,07	3,40	14,93	3,42	14,79	3,45	14,71	3,47	14,64	3,48	14,50	3,51
2.5+4.2+5.0	-15,0	8,03	2,56	7,88	2,59	7,73	2,62	7,66	2,63	7,58	2,65	7,49	2,68
	-10,0	9,26	2,70	9,11	2,73	8,96	2,76	8,89	2,77	8,81	2,78	8,66	2,81
	-5,0	10,49	2,83	10,34	2,86	10,19	2,89	10,12	2,91	10,04	2,92	9,89	2,95
	0,0	11,72	2,97	11,57	3,00	11,42	3,03	11,35	3,04	11,27	3,06	11,12	3,09
	6,0	13,20	3,13	13,05	3,16	12,90	3,19	12,82	3,20	12,75	3,22	12,60	3,25
	10,0	14,19	3,24	14,04	3,27	13,88	3,30	13,81	3,31	13,73	3,33	13,58	3,36
	15,0	15,42	3,38	15,27	3,40	15,12	3,43	15,04	3,45	14,96	3,46	14,81	3,49
2.5+4.2+6.0	-15,0	7,84	2,32	7,69	2,35	7,54	2,38	7,47	2,39	7,39	2,41	7,30	2,44
	-10,0	9,07	2,46	8,92	2,49	8,77	2,52	8,70	2,53	8,62	2,54	8,47	2,57
	-5,0	10,30	2,59	10,15	2,62	10,00	2,65	9,93	2,67	9,85	2,68	9,70	2,71
	0,0	11,53	2,73	11,38	2,76	11,23	2,79	11,16	2,80	11,08	2,82	10,93	2,85
	6,0	13,01	2,89	12,86	2,92	12,71	2,95	12,63	2,96	12,56	2,98	12,41	3,01
	10,0	14,00	3,00	13,85	3,03	13,69	3,06	13,62	3,07	13,54	3,09	13,39	3,12
	15,0	15,23	3,14	15,08	3,16	14,93	3,19	14,85	3,21	14,77	3,22	14,62	3,25

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104188

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+4.2+7.1	-15,0	7,87	2,30	7,72	2,33	7,57	2,36	7,50	2,37	7,42	2,39	7,33	2,42
	-10,0	9,10	2,44	8,95	2,47	8,80	2,50	8,73	2,51	8,65	2,52	8,50	2,55
	-5,0	10,33	2,57	10,18	2,60	10,03	2,63	9,96	2,65	9,88	2,66	9,73	2,69
	0,0	11,56	2,71	11,41	2,74	11,26	2,77	11,19	2,78	11,11	2,80	10,96	2,83
	6,0	13,04	2,87	12,89	2,90	12,74	2,93	12,66	2,94	12,59	2,96	12,44	2,99
	10,0	14,03	2,98	13,88	3,01	13,72	3,04	13,65	3,05	13,57	3,07	13,42	3,10
	15,0	15,26	3,12	15,11	3,14	14,96	3,17	14,88	3,19	14,80	3,20	14,65	3,23
2.5+5.0+5.0	-15,0	7,82	2,38	7,68	2,41	7,53	2,44	7,46	2,45	7,38	2,47	7,24	2,49
	-10,0	9,02	2,51	8,88	2,54	8,73	2,56	8,66	2,58	8,58	2,59	8,44	2,62
	-5,0	10,22	2,64	10,08	2,66	9,93	2,69	9,86	2,70	9,78	2,72	9,64	2,75
	0,0	11,42	2,76	11,28	2,79	11,13	2,82	11,06	2,83	10,98	2,85	10,84	2,87
	6,0	12,86	2,91	12,72	2,94	12,57	2,97	12,50	2,98	12,42	3,00	12,28	3,03
	10,0	13,82	3,02	13,68	3,04	13,53	3,07	13,46	3,09	13,38	3,10	13,24	3,13
	15,0	15,02	3,14	14,88	3,17	14,73	3,20	14,66	3,21	14,58	3,23	14,44	3,25
2.5+5.0+6.0	-15,0	8,05	2,30	7,91	2,33	7,76	2,36	7,69	2,37	7,61	2,39	7,47	2,41
	-10,0	9,25	2,43	9,11	2,46	8,96	2,48	8,89	2,50	8,81	2,51	8,67	2,54
	-5,0	10,45	2,56	10,31	2,58	10,16	2,61	10,09	2,62	10,01	2,64	9,87	2,67
	0,0	11,65	2,68	11,51	2,71	11,36	2,74	11,29	2,75	11,21	2,77	11,07	2,79
	6,0	13,09	2,83	12,95	2,86	12,80	2,89	12,73	2,90	12,65	2,92	12,51	2,95
	10,0	14,05	2,94	13,91	2,96	13,76	2,99	13,69	3,01	13,61	3,02	13,47	3,05
	15,0	15,25	3,06	15,11	3,09	14,96	3,12	14,89	3,13	14,81	3,15	14,67	3,17
2.5+5.0+7.1	-15,0	8,09	2,28	7,95	2,31	7,80	2,34	7,73	2,35	7,65	2,37	7,51	2,39
	-10,0	9,29	2,41	9,15	2,44	9,00	2,46	8,93	2,48	8,85	2,49	8,71	2,52
	-5,0	10,49	2,54	10,35	2,56	10,20	2,59	10,13	2,60	10,05	2,62	9,91	2,65
	0,0	11,69	2,66	11,55	2,69	11,40	2,72	11,33	2,73	11,25	2,75	11,11	2,77
	6,0	13,13	2,81	12,99	2,84	12,84	2,87	12,77	2,88	12,69	2,90	12,55	2,93
	10,0	14,09	2,92	13,95	2,94	13,80	2,97	13,73	2,99	13,65	3,00	13,51	3,03
	15,0	15,29	3,04	15,15	3,07	15,00	3,10	14,93	3,11	14,85	3,13	14,71	3,15
2.5+6.0+6.0	-15,0	8,29	2,22	8,15	2,25	8,00	2,28	7,93	2,29	7,85	2,31	7,71	2,33
	-10,0	9,49	2,35	9,35	2,38	9,20	2,40	9,13	2,42	9,05	2,43	8,91	2,46
	-5,0	10,69	2,48	10,55	2,50	10,40	2,53	10,33	2,54	10,25	2,56	10,11	2,59
	0,0	11,89	2,60	11,75	2,63	11,60	2,66	11,53	2,67	11,45	2,69	11,31	2,71
	6,0	13,33	2,75	13,19	2,78	13,04	2,81	12,97	2,82	12,89	2,84	12,75	2,87
	10,0	14,29	2,86	14,15	2,88	14,00	2,91	13,93	2,93	13,85	2,94	13,71	2,97
	15,0	15,49	2,98	15,35	3,01	15,20	3,04	15,13	3,05	15,05	3,07	14,91	3,09
2.5+6.0+7.1	-15,0	8,32	2,21	8,18	2,24	8,03	2,27	7,96	2,28	7,88	2,30	7,74	2,32
	-10,0	9,52	2,34	9,38	2,37	9,23	2,39	9,16	2,41	9,08	2,42	8,94	2,45
	-5,0	10,72	2,47	10,58	2,49	10,43	2,52	10,36	2,53	10,28	2,55	10,14	2,58
	0,0	11,92	2,59	11,78	2,62	11,63	2,65	11,56	2,66	11,48	2,68	11,34	2,70
	6,0	13,36	2,74	13,22	2,77	13,07	2,80	13,00	2,81	12,92	2,83	12,78	2,86
	10,0	14,32	2,85	14,18	2,87	14,03	2,90	13,96	2,92	13,88	2,93	13,74	2,96
	15,0	15,52	2,97	15,38	3,00	15,23	3,03	15,16	3,04	15,08	3,06	14,94	3,08

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+3.5+3.5	-15,0	7,91	2,59	7,77	2,62	7,62	2,65	7,54	2,67	7,47	2,68	7,32	2,71
	-10,0	9,13	2,73	8,98	2,76	8,83	2,79	8,76	2,80	8,68	2,82	8,53	2,85
	-5,0	10,34	2,87	10,20	2,90	10,05	2,93	9,97	2,94	9,90	2,96	9,75	2,99
	0,0	11,56	3,00	11,41	3,03	11,26	3,06	11,19	3,08	11,11	3,09	10,96	3,12
	6,0	13,02	3,17	12,87	3,20	12,72	3,23	12,65	3,25	12,57	3,26	12,42	3,29
	10,0	13,99	3,28	13,84	3,31	13,69	3,34	13,62	3,36	13,54	3,37	13,39	3,40
	15,0	15,20	3,42	15,06	3,45	14,91	3,48	14,83	3,49	14,76	3,51	14,61	3,54
3.5+3.5+4.2	-15,0	7,92	2,59	7,78	2,62	7,63	2,65	7,55	2,67	7,48	2,68	7,33	2,71
	-10,0	9,14	2,73	8,99	2,76	8,84	2,79	8,77	2,80	8,69	2,82	8,54	2,85
	-5,0	10,35	2,87	10,21	2,90	10,06	2,93	9,98	2,94	9,91	2,96	9,76	2,99
	0,0	11,57	3,00	11,42	3,03	11,27	3,06	11,20	3,08	11,12	3,09	10,97	3,12
	6,0	13,03	3,17	12,88	3,20	12,73	3,23	12,66	3,25	12,58	3,26	12,43	3,29
	10,0	14,00	3,28	13,85	3,31	13,70	3,34	13,63	3,36	13,55	3,37	13,40	3,40
	15,0	15,21	3,42	15,07	3,45	14,92	3,48	14,84	3,49	14,77	3,51	14,62	3,54
3.5+3.5+5.0	-15,0	8,03	2,56	7,88	2,59	7,73	2,62	7,65	2,63	7,58	2,65	7,42	2,68
	-10,0	9,26	2,70	9,11	2,73	8,96	2,76	8,88	2,77	8,81	2,78	8,66	2,81
	-5,0	10,49	2,83	10,34	2,86	10,19	2,89	10,11	2,91	10,04	2,92	9,89	2,95
	0,0	11,72	2,97	11,57	3,00	11,42	3,03	11,35	3,04	11,27	3,06	11,12	3,09
	6,0	13,20	3,13	13,05	3,16	12,90	3,19	12,82	3,20	12,75	3,22	12,60	3,25
	10,0	14,19	3,24	14,04	3,27	13,89	3,30	13,81	3,31	13,73	3,33	13,58	3,36
	15,0	15,42	3,38	15,27	3,40	15,12	3,43	15,04	3,45	14,97	3,46	14,82	3,49
3.5+3.5+6.0	-15,0	7,84	2,32	7,69	2,35	7,54	2,38	7,46	2,39	7,39	2,41	7,23	2,44
	-10,0	9,07	2,46	8,92	2,49	8,77	2,52	8,69	2,53	8,62	2,54	8,47	2,57
	-5,0	10,30	2,59	10,15	2,62	10,00	2,65	9,92	2,67	9,85	2,68	9,70	2,71
	0,0	11,53	2,73	11,38	2,76	11,23	2,79	11,16	2,80	11,08	2,82	10,93	2,85
	6,0	13,01	2,89	12,86	2,92	12,71	2,95	12,63	2,96	12,56	2,98	12,41	3,01
	10,0	14,00	3,00	13,85	3,03	13,70	3,06	13,62	3,07	13,54	3,09	13,39	3,12
	15,0	15,23	3,14	15,08	3,16	14,93	3,19	14,85	3,21	14,78	3,22	14,63	3,25
3.5+3.5+7.1	-15,0	7,87	2,30	7,72	2,33	7,57	2,36	7,49	2,37	7,42	2,39	7,26	2,42
	-10,0	9,10	2,44	8,95	2,47	8,80	2,50	8,65	2,52	8,65	2,52	8,50	2,55
	-5,0	10,33	2,57	10,18	2,60	10,03	2,63	9,95	2,65	9,88	2,66	9,73	2,69
	0,0	11,56	2,71	11,41	2,74	11,26	2,77	11,19	2,78	11,11	2,80	10,96	2,83
	6,0	13,04	2,87	12,89	2,90	12,74	2,93	12,66	2,94	12,59	2,96	12,44	2,99
	10,0	14,03	2,98	13,88	3,01	13,73	3,04	13,65	3,05	13,57	3,07	13,42	3,10
	15,0	15,26	3,12	15,11	3,14	14,96	3,17	14,88	3,19	14,81	3,20	14,66	3,23
3.5+4.2+4.2	-15,0	7,93	2,58	7,79	2,61	7,64	2,64	7,56	2,66	7,49	2,67	7,34	2,70
	-10,0	9,15	2,72	9,00	2,75	8,85	2,78	8,78	2,79	8,70	2,81	8,55	2,84
	-5,0	10,36	2,86	10,22	2,89	10,07	2,92	9,99	2,93	9,92	2,95	9,77	2,98
	0,0	11,58	2,99	11,43	3,02	11,28	3,05	11,21	3,07	11,13	3,08	10,98	3,11
	6,0	13,04	3,16	12,89	3,19	12,74	3,22	12,67	3,24	12,59	3,25	12,44	3,28
	10,0	14,01	3,27	13,86	3,30	13,71	3,33	13,64	3,35	13,56	3,36	13,41	3,39
	15,0	15,22	3,41	15,08	3,44	14,93	3,47	14,85	3,48	14,78	3,50	14,63	3,53

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104189

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+4.2+5.0	-15,0	7,61	2,39	7,46	2,42	7,31	2,45	7,23	2,46	7,16	2,48	7,00	2,51
	-10,0	8,84	2,53	8,69	2,56	8,54	2,59	8,46	2,60	8,39	2,61	8,24	2,64
	-5,0	10,07	2,66	9,92	2,69	9,77	2,72	9,69	2,74	9,62	2,75	9,47	2,78
	0,0	11,30	2,80	11,15	2,83	11,00	2,86	10,93	2,87	10,85	2,89	10,70	2,92
	6,0	12,78	2,96	12,63	2,99	12,48	3,02	12,40	3,03	12,33	3,05	12,18	3,08
	10,0	13,77	3,07	13,62	3,10	13,47	3,13	13,39	3,14	13,31	3,16	13,16	3,19
	15,0	15,00	3,21	14,85	3,23	14,70	3,26	14,62	3,28	14,55	3,29	14,40	3,32
3.5+4.2+6.0	-15,0	7,85	2,31	7,70	2,34	7,55	2,37	7,47	2,38	7,40	2,40	7,24	2,43
	-10,0	9,08	2,45	8,93	2,48	8,78	2,51	8,70	2,52	8,63	2,53	8,48	2,56
	-5,0	10,31	2,58	10,16	2,61	10,01	2,64	9,93	2,66	9,86	2,67	9,71	2,70
	0,0	11,54	2,72	11,39	2,75	11,24	2,78	11,17	2,79	11,09	2,81	10,94	2,84
	6,0	13,02	2,88	12,87	2,91	12,72	2,94	12,64	2,95	12,57	2,97	12,42	3,00
	10,0	14,01	2,99	13,86	3,02	13,71	3,05	13,63	3,06	13,55	3,08	13,40	3,11
	15,0	15,24	3,13	15,09	3,15	14,94	3,18	14,86	3,20	14,79	3,21	14,64	3,24
3.5+4.2+7.1	-15,0	7,88	2,30	7,73	2,33	7,58	2,36	7,50	2,37	7,43	2,39	7,27	2,42
	-10,0	9,11	2,44	8,96	2,47	8,81	2,50	8,73	2,51	8,66	2,52	8,51	2,55
	-5,0	10,34	2,57	10,19	2,60	10,04	2,63	9,96	2,65	9,89	2,66	9,74	2,69
	0,0	11,57	2,71	11,42	2,74	11,27	2,77	11,20	2,78	11,12	2,80	10,97	2,83
	6,0	13,05	2,87	12,90	2,90	12,75	2,93	12,67	2,94	12,60	2,96	12,45	2,99
	10,0	14,04	2,98	13,89	3,01	13,74	3,04	13,66	3,05	13,58	3,07	13,43	3,10
	15,0	15,27	3,12	15,12	3,14	14,97	3,17	14,89	3,19	14,82	3,20	14,67	3,23
3.5+5.0+5.0	-15,0	7,84	2,37	7,69	2,40	7,54	2,43	7,47	2,44	7,40	2,46	7,25	2,48
	-10,0	9,04	2,50	8,89	2,53	8,75	2,56	8,67	2,57	8,60	2,58	8,45	2,61
	-5,0	10,24	2,63	10,09	2,65	9,95	2,68	9,87	2,70	9,80	2,71	9,65	2,74
	0,0	11,44	2,75	11,30	2,78	11,15	2,81	11,07	2,82	11,00	2,84	10,85	2,86
	6,0	12,88	2,90	12,74	2,93	12,59	2,96	12,52	2,97	12,44	2,99	12,30	3,02
	10,0	13,84	3,01	13,70	3,03	13,55	3,05	13,48	3,07	13,40	3,09	13,26	3,12
	15,0	15,05	3,13	14,90	3,16	14,75	3,19	14,68	3,20	14,61	3,22	14,46	3,24
3.5+5.0+6.0	-15,0	8,06	2,29	7,91	2,32	7,76	2,35	7,69	2,36	7,62	2,38	7,47	2,40
	-10,0	9,26	2,42	9,11	2,45	8,97	2,48	8,89	2,49	8,82	2,50	8,67	2,53
	-5,0	10,46	2,55	10,31	2,57	10,17	2,60	10,09	2,62	10,02	2,63	9,87	2,66
	0,0	11,66	2,67	11,52	2,70	11,37	2,73	11,29	2,74	11,22	2,76	11,07	2,78
	6,0	13,10	2,82	12,96	2,85	12,81	2,88	12,74	2,89	12,66	2,91	12,52	2,94
	10,0	14,06	2,93	13,92	2,95	13,77	2,97	13,70	2,99	13,62	3,01	13,48	3,04
	15,0	15,27	3,05	15,12	3,08	14,97	3,11	14,90	3,12	14,83	3,14	14,68	3,16
3.5+5.0+7.1	-15,0	8,11	2,28	7,96	2,31	7,81	2,34	7,74	2,35	7,67	2,37	7,52	2,39
	-10,0	9,31	2,41	9,16	2,44	9,02	2,47	8,94	2,48	8,87	2,49	8,72	2,52
	-5,0	10,51	2,54	10,36	2,56	10,22	2,59	10,14	2,61	10,07	2,62	9,92	2,65
	0,0	11,71	2,66	11,57	2,69	11,42	2,72	11,34	2,73	11,27	2,75	11,12	2,77
	6,0	13,15	2,81	13,01	2,84	12,86	2,87	12,79	2,88	12,71	2,90	12,57	2,93
	10,0	14,11	2,92	13,97	2,94	13,82	2,96	13,75	2,98	13,67	3,00	13,53	3,03
	15,0	15,32	3,04	15,17	3,07	15,02	3,10	14,95	3,11	14,88	3,13	14,73	3,15

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+6.0+6.0	-15,0	8,30	2,22	8,15	2,25	8,00	2,28	7,93	2,29	7,86	2,31	7,71	2,33
	-10,0	9,50	2,35	9,35	2,38	9,21	2,41	9,13	2,42	9,06	2,43	8,91	2,46
	-5,0	10,70	2,48	10,55	2,50	10,41	2,53	10,33	2,55	10,26	2,56	10,11	2,59
	0,0	11,90	2,60	11,76	2,63	11,61	2,66	11,53	2,67	11,46	2,69	11,31	2,71
	6,0	13,34	2,75	13,20	2,78	13,05	2,81	12,98	2,82	12,90	2,84	12,76	2,87
	10,0	14,30	2,86	14,16	2,88	14,01	2,90	13,94	2,92	13,86	2,94	13,72	2,97
	15,0	15,51	2,98	15,36	3,01	15,21	3,04	15,14	3,05	15,07	3,07	14,92	3,09
4.2+4.2+4.2	-15,0	7,94	2,58	7,80	2,61	7,65	2,64	7,57	2,66	7,50	2,67	7,35	2,70
	-10,0	9,16	2,72	9,01	2,75	8,86	2,78	8,79	2,79	8,71	2,81	8,56	2,84
	-5,0	10,37	2,86	10,23	2,89	10,08	2,92	10,00	2,93	9,93	2,95	9,78	2,98
	0,0	11,59	2,99	11,44	3,02	11,29	3,05	11,22	3,07	11,14	3,08	10,99	3,11
	6,0	13,05	3,16	12,90	3,19	12,75	3,22	12,68	3,24	12,60	3,25	12,45	3,28
	10,0	14,02	3,27	13,87	3,30	13,72	3,33	13,65	3,35	13,57	3,36	13,42	3,39
	15,0	15,23	3,41	15,09	3,44	14,94	3,47	14,86	3,48	14,79	3,50	14,64	3,53
4.2+4.2+5.0	-15,0	7,62	2,39	7,47	2,42	7,32	2,45	7,24	2,46	7,17	2,48	7,01	2,51
	-10,0	8,85	2,53	8,70	2,56	8,55	2,59	8,47	2,60	8,40	2,61	8,25	2,64
	-5,0	10,08	2,66	9,93	2,69	9,78	2,72	9,70	2,74	9,63	2,75	9,48	2,78
	0,0	11,31	2,80	11,16	2,83	11,01	2,86	10,94	2,87	10,86	2,89	10,71	2,92
	6,0	12,79	2,96	12,64	2,99	12,49	3,02	12,41	3,03	12,34	3,05	12,19	3,08
	10,0	13,78	3,07	13,63	3,10	13,48	3,13	13,40	3,14	13,32	3,16	13,17	3,19
	15,0	15,01	3,21	14,86	3,23	14,71	3,26	14,63	3,28	14,56	3,29	14,41	3,32
4.2+4.2+6.0	-15,0	7,86	2,31	7,71	2,34	7,56	2,37	7,48	2,38	7,41	2,40	7,25	2,43
	-10,0	9,09	2,45	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,49	2,56
	-5,0	10,32	2,58	10,17	2,61	10,02	2,64	9,94	2,66	9,87	2,67	9,72	2,70
	0,0	11,55	2,72	11,40	2,75	11,25	2,78	11,18	2,79	11,10	2,81	10,95	2,84
	6,0	13,03	2,88	12,88	2,91	12,73	2,94	12,65	2,95	12,58	2,97	12,43	3,00
	10,0	14,02	2,99	13,87	3,02	13,72	3,05	13,64	3,06	13,56	3,08	13,41	3,11
	15,0	15,25	3,13	15,10	3,15	14,95	3,18	14,87	3,20	14,80	3,21	14,65	3,24
4.2+4.2+7.1	-15,0	7,89	2,30	7,74	2,33	7,59	2,36	7,51	2,37	7,44	2,39	7,28	2,42
	-10,0	9,12	2,44	8,97	2,47	8,82	2,50	8,74	2,51	8,67	2,52	8,52	2,55
	-5,0	10,35	2,57	10,20	2,60	10,05	2,63	9,97	2,65	9,90	2,66	9,75	2,69
	0,0	11,58	2,71	11,43	2,74	11,28	2,77	11,21	2,78	11,13	2,80	10,98	2,83
	6,0	13,06	2,87	12,91	2,90	12,76	2,93	12,68	2,94	12,61	2,96	12,46	2,99
	10,0	14,05	2,98	13,90	3,01	13,75	3,04	13,67	3,05	13,59	3,07	13,44	3,10
	15,0	15,28	3,12	15,13	3,14	14,98	3,17	14,90	3,19	14,83	3,20	14,68	3,23
4.2+5.0+5.0	-15,0	7,84	2,37	7,69	2,40	7,54	2,43	7,47	2,44	7,40	2,46	7,25	2,48
	-10,0	9,04	2,50	8,89	2,53	8,75	2,56	8,67	2,57	8,60	2,58	8,45	2,61
	-5,0	10,24	2,63	10,09	2,65	9,95	2,68	9,87	2,70	9,80	2,71	9,65	2,74
	0,0	11,44	2,75	11,30	2,78	11,15	2,81	11,07	2,82	11,00	2,84	10,85	2,86
	6,0	12,88	2,90	12,74	2,93	12,59	2,96	12,52	2,97	12,44	2,99	12,30	3,02
	10,0	13,84	3,01	13,70	3,03	13,55	3,05	13,48	3,07	13,40	3,09	13,26	3,12
	15,0	15,05	3,13	14,90	3,16	14,75	3,19	14,68	3,20	14,61	3,22	14,46	3,24

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104190

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
4.2+5.0+6.0	-15,0	8,07	2,29	7,92	2,32	7,77	2,35	7,70	2,36	7,63	2,38	7,48	2,40
	-10,0	9,27	2,42	9,12	2,45	8,98	2,48	8,90	2,49	8,83	2,50	8,68	2,53
	-5,0	10,47	2,55	10,32	2,57	10,18	2,60	10,10	2,62	10,03	2,63	9,88	2,66
	0,0	11,67	2,67	11,53	2,70	11,38	2,73	11,30	2,74	11,23	2,76	11,08	2,78
	6,0	13,11	2,82	12,97	2,85	12,82	2,88	12,75	2,89	12,67	2,91	12,53	2,94
	10,0	14,07	2,93	13,93	2,95	13,78	2,97	13,71	2,99	13,63	3,01	13,49	3,04
	15,0	15,28	3,05	15,13	3,08	14,98	3,11	14,91	3,12	14,84	3,14	14,69	3,16
5.0+5.0+5.0	-15,0	7,92	2,34	7,77	2,37	7,62	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-10,0	9,14	2,47	8,99	2,49	8,84	2,52	8,76	2,54	8,69	2,55	8,54	2,58
	-5,0	10,35	2,57	10,20	2,62	10,05	2,65	9,98	2,66	9,91	2,67	9,76	2,70
	0,0	11,57	2,73	11,42	2,74	11,27	2,77	11,20	2,78	11,12	2,80	10,97	2,83
	6,0	13,03	2,87	12,88	2,89	12,73	2,92	12,66	2,93	12,58	2,95	12,43	2,97
	10,0	14,00	2,97	13,85	2,99	13,70	3,02	13,63	3,03	13,55	3,05	13,41	3,07
	15,0	15,22	3,09	15,07	3,12	14,92	3,14	14,84	3,16	14,77	3,17	14,62	3,20
1.5+1.5+1.5+1.5	-15,0	6,07	1,65	5,93	1,68	5,79	1,70	5,72	1,72	5,65	1,73	5,51	1,75
	-10,0	7,22	1,77	7,08	1,79	6,94	1,82	6,87	1,83	6,80	1,84	6,66	1,87
	-5,0	8,37	1,88	8,23	1,91	8,09	1,93	8,02	1,94	7,95	1,95	7,81	1,98
	0,0	9,52	1,99	9,38	2,02	9,24	2,04	9,17	2,06	9,10	2,07	8,96	2,09
	6,0	10,90	2,13	10,76	2,16	10,62	2,18	10,55	2,19	10,48	2,20	10,34	2,23
	10,0	11,82	2,22	11,68	2,25	11,54	2,27	11,47	2,28	11,40	2,30	11,26	2,32
	15,0	12,97	2,33	12,83	2,36	12,69	2,38	12,62	2,40	12,55	2,41	12,41	2,43
1.5+1.5+1.5+2.0	-15,0	6,70	1,83	6,56	1,86	6,42	1,88	6,35	1,90	6,28	1,91	6,14	1,93
	-10,0	7,85	1,95	7,71	1,97	7,57	2,00	7,50	2,01	7,43	2,02	7,29	2,05
	-5,0	9,00	2,06	8,86	2,09	8,72	2,11	8,65	2,12	8,58	2,13	8,44	2,16
	0,0	10,15	2,17	10,01	2,20	9,87	2,22	9,80	2,24	9,73	2,25	9,59	2,27
	6,0	11,53	2,31	11,39	2,34	11,25	2,36	11,18	2,37	11,11	2,38	10,97	2,41
	10,0	12,45	2,40	12,31	2,43	12,17	2,45	12,10	2,46	12,03	2,48	11,89	2,50
	15,0	13,60	2,51	13,46	2,54	13,32	2,56	13,25	2,58	13,18	2,59	13,04	2,61
1.5+1.5+1.5+2.5	-15,0	6,70	1,83	6,56	1,86	6,42	1,88	6,35	1,90	6,28	1,91	6,14	1,93
	-10,0	7,85	1,95	7,71	1,97	7,57	2,00	7,50	2,01	7,43	2,02	7,29	2,05
	-5,0	9,00	2,06	8,86	2,09	8,72	2,11	8,65	2,12	8,58	2,13	8,44	2,16
	0,0	10,15	2,17	10,01	2,20	9,87	2,22	9,80	2,24	9,73	2,25	9,59	2,27
	6,0	11,53	2,31	11,39	2,34	11,25	2,36	11,18	2,37	11,11	2,38	10,97	2,41
	10,0	12,45	2,40	12,31	2,43	12,17	2,45	12,10	2,46	12,03	2,48	11,89	2,50
	15,0	13,60	2,51	13,46	2,54	13,32	2,56	13,25	2,58	13,18	2,59	13,04	2,61
1.5+1.5+1.5+3.5	-15,0	7,34	2,09	7,19	2,12	7,04	2,14	6,97	2,16	6,89	2,17	6,74	2,20
	-10,0	8,55	2,21	8,40	2,24	8,25	2,27	8,18	2,28	8,10	2,30	7,96	2,32
	-5,0	9,76	2,34	9,61	2,34	9,48	2,39	9,39	2,41	9,32	2,42	9,17	2,45
	0,0	10,97	2,46	10,82	2,49	10,68	2,52	10,60	2,53	10,53	2,55	10,38	2,57
	6,0	12,43	2,62	12,28	2,64	12,13	2,67	12,06	2,68	11,98	2,70	11,83	2,72
	10,0	13,40	2,72	13,25	2,74	13,10	2,77	13,03	2,78	12,95	2,80	12,80	2,82
	15,0	14,61	2,84	14,46	2,87	14,31	2,90	14,24	2,91	14,16	2,92	14,01	2,95

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+4.2	-15,0	7,91	2,35	7,76	2,38	7,61	2,40	7,54	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,47	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,53	2,58
	-5,0	10,33	2,60	10,18	2,60	10,05	2,65	9,96	2,67	9,89	2,68	9,74	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,16	14,81	3,17	14,73	3,18	14,58	3,21
1.5+1.5+1.5+5.0	-15,0	7,99	2,30	7,84	2,33	7,69	2,35	7,61	2,37	7,54	2,38	7,39	2,41
	-10,0	9,22	2,42	9,07	2,45	8,92	2,48	8,84	2,49	8,77	2,50	8,62	2,53
	-5,0	10,44	2,55	10,29	2,57	10,14	2,60	10,07	2,61	9,99	2,63	9,84	2,65
	0,0	11,67	2,67	11,52	2,70	11,37	2,72	11,29	2,74	11,22	2,76	11,07	2,78
	6,0	13,14	2,82	12,99	2,84	12,84	2,87	12,77	2,88	12,69	2,90	12,54	2,92
	10,0	14,12	2,91	13,97	2,94	13,82	2,97	13,75	2,98	13,67	3,00	13,52	3,02
	15,0	15,35	3,04	15,20	3,06	15,05	3,09	14,97	3,11	14,90	3,12	14,75	3,15
1.5+1.5+1.5+6.0	-15,0	8,23	2,23	8,08	2,26	7,93	2,28	7,85	2,30	7,78	2,31	7,63	2,34
	-10,0	9,46	2,35	9,31	2,38	9,16	2,41	9,08	2,42	9,01	2,43	8,86	2,46
	-5,0	10,68	2,48	10,53	2,50	10,38	2,53	10,31	2,54	10,23	2,56	10,08	2,58
	0,0	11,91	2,60	11,76	2,63	11,61	2,65	11,53	2,67	11,46	2,69	11,31	2,71
	6,0	13,38	2,75	13,23	2,77	13,08	2,80	13,01	2,81	12,93	2,83	12,78	2,85
	10,0	14,36	2,84	14,21	2,87	14,06	2,90	13,99	2,91	13,91	2,93	13,76	2,95
	15,0	15,59	2,97	15,44	2,99	15,29	3,02	15,21	3,04	15,14	3,05	14,99	3,08
1.5+1.5+1.5+7.1	-15,0	8,26	2,21	8,11	2,24	7,96	2,26	7,88	2,28	7,81	2,29	7,66	2,32
	-10,0	9,49	2,33	9,34	2,36	9,19	2,39	9,11	2,40	9,04	2,41	8,89	2,44
	-5,0	10,71	2,46	10,56	2,48	10,41	2,51	10,34	2,52	10,26	2,54	10,11	2,56
	0,0	11,94	2,58	11,79	2,61	11,64	2,63	11,56	2,65	11,49	2,67	11,34	2,69
	6,0	13,41	2,73	13,26	2,75	13,11	2,78	13,04	2,79	12,96	2,81	12,81	2,83
	10,0	14,39	2,82	14,24	2,85	14,09	2,88	14,02	2,89	13,94	2,91	13,79	2,93
	15,0	15,62	2,95	15,47	2,97	15,32	3,00	15,24	3,02	15,17	3,03	15,02	3,06
1.5+1.5+2.0+2.0	-15,0	6,70	1,83	6,56	1,86	6,42	1,88	6,35	1,90	6,28	1,91	6,14	1,93
	-10,0	7,85	1,95	7,71	1,97	7,57	2,00	7,50	2,01	7,43	2,02	7,29	2,05
	-5,0	9,00	2,06	8,86	2,09	8,72	2,11	8,65	2,12	8,58	2,13	8,44	2,16
	0,0	10,15	2,17	10,01	2,20	9,87	2,22	9,80	2,24	9,73	2,25	9,59	2,27
	6,0	11,53	2,31	11,39	2,34	11,25	2,36	11,18	2,37	11,11	2,38	10,97	2,41
	10,0	12,45	2,40	12,31	2,43	12,17	2,45	12,10	2,46	12,03	2,48	11,89	2,50
	15,0	13,60	2,51	13,46	2,54	13,32	2,56	13,25	2,58	13,18	2,59	13,04	2,61
1.5+1.5+2.0+2.5	-15,0	7,49	2,13	7,35	2,16	7,21	2,18	7,14	2,20	7,07	2,21	6,93	2,23
	-10,0	8,64	2,25	8,50	2,27	8,36	2,30	8,29	2,31	8,22	2,32	8,08	2,35
	-5,0	9,79	2,36	9,65	2,39	9,51	2,41	9,44	2,42	9,37	2,43	9,23	2,46
	0,0	10,94	2,47	10,80	2,50	10,66	2,52	10,59	2,54	10,52	2,55	10,38	2,57
	6,0	12,32	2,61	12,18	2,64	12,04	2,66	11,97	2,67	11,90	2,68	11,76	2,71
	10,0	13,24	2,70	13,10	2,73	12,96	2,75	12,89	2,76	12,82	2,78	12,68	2,80
	15,0	14,39	2,81	14,25	2,84	14,11	2,86	14,04	2,88	13,97	2,89	13,83	2,91

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104191

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.0+3.5	-15,0	7,34	2,09	7,19	2,12	7,04	2,14	6,97	2,16	6,89	2,17	6,74	2,20
	-10,0	8,55	2,21	8,40	2,24	8,25	2,27	8,18	2,28	8,10	2,30	7,96	2,32
	-5,0	9,76	2,34	9,61	2,34	9,48	2,39	9,39	2,41	9,32	2,42	9,17	2,45
	0,0	10,97	2,46	10,82	2,49	10,68	2,52	10,60	2,53	10,53	2,55	10,38	2,57
	6,0	12,43	2,62	12,28	2,64	12,13	2,67	12,06	2,68	11,98	2,70	11,83	2,72
	10,0	13,40	2,72	13,25	2,74	13,10	2,77	13,03	2,78	12,95	2,80	12,80	2,82
	15,0	14,61	2,84	14,46	2,87	14,31	2,90	14,24	2,91	14,16	2,92	14,01	2,95
1.5+1.5+2.0+4.2	-15,0	7,91	2,35	7,76	2,38	7,61	2,40	7,54	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,47	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,53	2,58
	-5,0	10,33	2,60	10,18	2,60	10,05	2,65	9,96	2,67	9,89	2,68	9,74	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,16	14,81	3,17	14,73	3,18	14,58	3,21
1.5+1.5+2.0+5.0	-15,0	7,99	2,30	7,84	2,33	7,69	2,35	7,61	2,37	7,54	2,38	7,39	2,41
	-10,0	9,22	2,42	9,07	2,45	8,92	2,48	8,84	2,49	8,77	2,50	8,62	2,53
	-5,0	10,44	2,55	10,29	2,57	10,14	2,60	10,07	2,61	9,99	2,63	9,84	2,65
	0,0	11,67	2,67	11,52	2,70	11,37	2,72	11,29	2,74	11,22	2,76	11,07	2,78
	6,0	13,14	2,82	12,99	2,84	12,84	2,87	12,77	2,88	12,69	2,90	12,54	2,92
	10,0	14,12	2,91	13,97	2,94	13,82	2,97	13,75	2,98	13,67	3,00	13,52	3,02
	15,0	15,35	3,04	15,20	3,06	15,05	3,09	14,97	3,11	14,90	3,12	14,75	3,15
1.5+1.5+2.0+6.0	-15,0	8,23	2,23	8,08	2,26	7,93	2,28	7,85	2,30	7,78	2,31	7,63	2,34
	-10,0	9,46	2,35	9,31	2,38	9,16	2,41	9,08	2,42	9,01	2,43	8,86	2,46
	-5,0	10,68	2,48	10,53	2,50	10,38	2,53	10,31	2,54	10,23	2,56	10,08	2,58
	0,0	11,91	2,60	11,76	2,63	11,61	2,65	11,53	2,67	11,46	2,69	11,31	2,71
	6,0	13,38	2,75	13,23	2,77	13,08	2,80	13,01	2,81	12,93	2,83	12,78	2,85
	10,0	14,36	2,84	14,21	2,87	14,06	2,90	13,99	2,91	13,91	2,93	13,76	2,95
	15,0	15,59	2,97	15,44	2,99	15,29	3,02	15,21	3,04	15,14	3,05	14,99	3,08
1.5+1.5+2.0+7.1	-15,0	8,26	2,21	8,11	2,24	7,96	2,26	7,88	2,28	7,81	2,29	7,66	2,32
	-10,0	9,49	2,33	9,34	2,36	9,19	2,39	9,11	2,40	9,04	2,41	8,89	2,44
	-5,0	10,71	2,46	10,56	2,48	10,41	2,51	10,34	2,52	10,26	2,54	10,11	2,56
	0,0	11,94	2,58	11,79	2,61	11,64	2,63	11,56	2,65	11,49	2,67	11,34	2,69
	6,0	13,41	2,73	13,26	2,75	13,11	2,78	13,04	2,79	12,96	2,81	12,81	2,83
	10,0	14,39	2,82	14,24	2,85	14,09	2,88	14,02	2,89	13,94	2,91	13,79	2,93
	15,0	15,62	2,95	15,47	2,97	15,32	3,00	15,24	3,02	15,17	3,03	15,02	3,06
1.5+1.5+2.5+2.5	-15,0	7,49	2,13	7,35	2,16	7,21	2,18	7,14	2,20	7,07	2,21	6,93	2,23
	-10,0	8,64	2,25	8,50	2,27	8,36	2,30	8,29	2,31	8,22	2,32	8,08	2,35
	-5,0	9,79	2,36	9,65	2,39	9,51	2,41	9,44	2,42	9,37	2,43	9,23	2,46
	0,0	10,94	2,47	10,80	2,50	10,66	2,52	10,59	2,54	10,52	2,55	10,38	2,57
	6,0	12,32	2,61	12,18	2,64	12,04	2,66	11,97	2,67	11,90	2,68	11,76	2,71
	10,0	13,24	2,70	13,10	2,73	12,96	2,75	12,89	2,76	12,82	2,78	12,68	2,80
	15,0	14,39	2,81	14,25	2,84	14,11	2,86	14,04	2,88	13,97	2,89	13,83	2,91

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.5+3.5	-15,0	7,90	2,36	7,75	2,39	7,60	2,41	7,53	2,43	7,45	2,44	7,30	2,47
	-10,0	9,11	2,48	8,96	2,51	8,81	2,54	8,74	2,55	8,66	2,57	8,52	2,59
	-5,0	10,32	2,61	10,17	2,61	10,04	2,66	9,95	2,68	9,88	2,69	9,73	2,72
	0,0	11,53	2,73	11,38	2,76	11,24	2,79	11,16	2,80	11,09	2,82	10,94	2,84
	6,0	12,99	2,89	12,84	2,91	12,69	2,94	12,62	2,95	12,54	2,97	12,39	2,99
	10,0	13,96	2,99	13,81	3,01	13,66	3,04	13,59	3,05	13,51	3,07	13,36	3,09
	15,0	15,17	3,11	15,02	3,14	14,87	3,17	14,80	3,18	14,72	3,19	14,57	3,22
1.5+1.5+2.5+4.2	-15,0	7,91	2,35	7,76	2,38	7,61	2,40	7,54	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,47	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,53	2,58
	-5,0	10,33	2,60	10,18	2,60	10,05	2,65	9,96	2,67	9,89	2,68	9,74	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,16	14,81	3,17	14,73	3,18	14,58	3,21
1.5+1.5+2.5+5.0	-15,0	7,99	2,30	7,84	2,33	7,69	2,35	7,61	2,37	7,54	2,38	7,39	2,41
	-10,0	9,22	2,42	9,07	2,45	8,92	2,48	8,84	2,49	8,77	2,50	8,62	2,53
	-5,0	10,44	2,55	10,29	2,57	10,14	2,60	10,07	2,61	9,99	2,63	9,84	2,65
	0,0	11,67	2,67	11,52	2,70	11,37	2,72	11,29	2,74	11,22	2,76	11,07	2,78
	6,0	13,14	2,82	12,99	2,84	12,84	2,87	12,77	2,88	12,69	2,90	12,54	2,92
	10,0	14,12	2,91	13,97	2,94	13,82	2,97	13,75	2,98	13,67	3,00	13,52	3,02
	15,0	15,35	3,04	15,20	3,06	15,05	3,09	14,97	3,11	14,90	3,12	14,75	3,15
1.5+1.5+2.5+6.0	-15,0	8,23	2,23	8,08	2,26	7,93	2,28	7,85	2,30	7,78	2,31	7,63	2,34
	-10,0	9,46	2,35	9,31	2,38	9,16	2,41	9,08	2,42	9,01	2,43	8,86	2,46
	-5,0	10,68	2,48	10,53	2,50	10,38	2,53	10,31	2,54	10,23	2,56	10,08	2,58
	0,0	11,91	2,60	11,76	2,63	11,61	2,65	11,53	2,67	11,46	2,69	11,31	2,71
	6,0	13,38	2,75	13,23	2,77	13,08	2,80	13,01	2,81	12,93	2,83	12,78	2,85
	10,0	14,36	2,84	14,21	2,87	14,06	2,90	13,99	2,91	13,91	2,93	13,76	2,95
	15,0	15,59	2,97	15,44	2,99	15,29	3,02	15,21	3,04	15,14	3,05	14,99	3,08
1.5+1.5+2.5+7.1	-15,0	8,26	2,21	8,11	2,24	7,96	2,26	7,88	2,28	7,81	2,29	7,66	2,32
	-10,0	9,49	2,33	9,34	2,36	9,19	2,39	9,11	2,40	9,04	2,41	8,89	2,44
	-5,0	10,71	2,46	10,56	2,48	10,41	2,51	10,34	2,52	10,26	2,54	10,11	2,56
	0,0	11,94	2,58	11,79	2,61	11,64	2,63	11,56	2,65	11,49	2,67	11,34	2,69
	6,0	13,41	2,73	13,26	2,75	13,11	2,78	13,04	2,79	12,96	2,81	12,81	2,83
	10,0	14,39	2,82	14,24	2,85	14,09	2,88	14,02	2,89	13,94	2,91	13,79	2,93
	15,0	15,62	2,95	15,47	2,97	15,32	3,00	15,24	3,02	15,17	3,03	15,02	3,06
1.5+1.5+3.5+3.5	-15,0	7,90	2,35	7,75	2,38	7,61	2,41	7,53	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,48	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,52	2,59
	-5,0	10,33	2,60	10,18	2,63	10,03	2,66	9,96	2,67	9,88	2,68	9,74	2,71
	0,0	11,54	2,73	11,39	2,75	11,24	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,15	14,81	3,17	14,73	3,18	14,59	3,21

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104192

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+3.5+4.2	-15,0	7,90	2,35	7,75	2,38	7,61	2,41	7,53	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,48	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,52	2,59
	-5,0	10,33	2,60	10,18	2,63	10,03	2,66	9,96	2,67	9,88	2,68	9,74	2,71
	0,0	11,54	2,73	11,39	2,75	11,24	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,15	14,81	3,17	14,73	3,18	14,59	3,21
1.5+1.5+3.5+5.0	-15,0	8,00	2,30	7,84	2,33	7,69	2,35	7,62	2,37	7,54	2,38	7,39	2,41
	-10,0	9,22	2,42	9,07	2,45	8,92	2,48	8,85	2,49	8,77	2,50	8,62	2,53
	-5,0	10,45	2,55	10,30	2,57	10,15	2,60	10,07	2,61	10,00	2,63	9,85	2,65
	0,0	11,68	2,67	11,53	2,70	11,38	2,72	11,30	2,74	11,23	2,75	11,08	2,78
	6,0	13,15	2,82	13,00	2,84	12,85	2,87	12,77	2,88	12,70	2,90	12,55	2,92
	10,0	14,13	2,91	13,98	2,94	13,83	2,97	13,76	2,98	13,68	3,00	13,53	3,02
	15,0	15,36	3,04	15,21	3,06	15,06	3,09	14,98	3,10	14,91	3,12	14,76	3,14
1.5+1.5+3.5+6.0	-15,0	8,24	2,22	8,08	2,25	7,93	2,27	7,86	2,29	7,78	2,30	7,63	2,33
	-10,0	9,46	2,34	9,31	2,37	9,16	2,40	9,09	2,41	9,01	2,42	8,86	2,45
	-5,0	10,69	2,47	10,54	2,49	10,39	2,52	10,31	2,53	10,24	2,55	10,09	2,57
	0,0	11,92	2,59	11,77	2,62	11,62	2,64	11,54	2,66	11,47	2,67	11,32	2,70
	6,0	13,39	2,74	13,24	2,76	13,09	2,79	13,01	2,80	12,94	2,82	12,79	2,84
	10,0	14,37	2,83	14,22	2,86	14,07	2,89	14,00	2,90	13,92	2,92	13,77	2,94
	15,0	15,60	2,96	15,45	2,98	15,30	3,01	15,22	3,02	15,15	3,04	15,00	3,06
1.5+1.5+3.5+7.1	-15,0	8,28	2,21	8,12	2,24	7,97	2,26	7,90	2,28	7,82	2,29	7,67	2,32
	-10,0	9,50	2,33	9,35	2,36	9,20	2,39	9,13	2,40	9,05	2,41	8,90	2,44
	-5,0	10,73	2,46	10,58	2,48	10,43	2,51	10,35	2,52	10,28	2,54	10,13	2,56
	0,0	11,96	2,58	11,81	2,61	11,66	2,63	11,58	2,65	11,51	2,66	11,36	2,69
	6,0	13,43	2,73	13,28	2,75	13,13	2,78	13,05	2,79	12,98	2,81	12,83	2,83
	10,0	14,41	2,82	14,26	2,85	14,11	2,88	14,04	2,89	13,96	2,91	13,81	2,93
	15,0	15,64	2,95	15,49	2,97	15,34	3,00	15,26	3,01	15,19	3,03	15,04	3,05
1.5+1.5+4.2+4.2	-15,0	7,91	2,35	7,76	2,38	7,62	2,41	7,54	2,42	7,47	2,43	7,32	2,46
	-10,0	9,13	2,48	8,98	2,50	8,83	2,53	8,76	2,54	8,68	2,56	8,53	2,59
	-5,0	10,34	2,60	10,19	2,63	10,04	2,66	9,97	2,67	9,89	2,68	9,75	2,71
	0,0	11,55	2,73	11,40	2,75	11,25	2,78	11,18	2,79	11,11	2,81	10,96	2,83
	6,0	13,01	2,88	12,86	2,90	12,71	2,93	12,64	2,94	12,56	2,96	12,41	2,98
	10,0	13,98	2,98	13,83	3,00	13,68	3,03	13,61	3,04	13,53	3,06	13,38	3,08
	15,0	15,19	3,10	15,04	3,13	14,89	3,15	14,82	3,17	14,74	3,18	14,60	3,21
1.5+1.5+4.2+5.0	-15,0	8,02	2,30	7,86	2,33	7,71	2,35	7,64	2,37	7,56	2,38	7,41	2,41
	-10,0	9,24	2,42	9,09	2,45	8,94	2,48	8,87	2,49	8,79	2,50	8,64	2,53
	-5,0	10,47	2,55	10,32	2,57	10,17	2,60	10,09	2,61	10,02	2,63	9,87	2,65
	0,0	11,70	2,67	11,55	2,70	11,40	2,72	11,32	2,74	11,25	2,75	11,10	2,78
	6,0	13,17	2,82	13,02	2,84	12,87	2,87	12,79	2,88	12,72	2,90	12,57	2,92
	10,0	14,15	2,91	14,00	2,94	13,85	2,97	13,78	2,98	13,70	3,00	13,55	3,02
	15,0	15,38	3,04	15,23	3,06	15,08	3,09	15,00	3,10	14,93	3,12	14,78	3,14

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+4.2+6.0	-15,0	8,25	2,22	8,09	2,25	7,94	2,27	7,87	2,29	7,79	2,30	7,64	2,33
	-10,0	9,47	2,34	9,32	2,37	9,17	2,40	9,10	2,41	9,02	2,42	8,87	2,45
	-5,0	10,70	2,47	10,55	2,49	10,40	2,52	10,32	2,53	10,25	2,55	10,10	2,57
	0,0	11,93	2,59	11,78	2,62	11,63	2,64	11,55	2,66	11,48	2,67	11,33	2,70
	6,0	13,40	2,74	13,25	2,76	13,10	2,79	13,02	2,80	12,95	2,82	12,80	2,84
	10,0	14,38	2,83	14,23	2,86	14,08	2,89	14,01	2,90	13,93	2,92	13,78	2,94
	15,0	15,61	2,96	15,46	2,98	15,31	3,01	15,23	3,02	15,16	3,04	15,01	3,06
1.5+1.5+4.2+7.1	-15,0	8,29	2,21	8,13	2,24	7,98	2,26	7,91	2,28	7,83	2,29	7,68	2,32
	-10,0	9,51	2,33	9,36	2,36	9,21	2,39	9,14	2,40	9,06	2,41	8,91	2,44
	-5,0	10,74	2,46	10,59	2,48	10,44	2,51	10,36	2,52	10,29	2,54	10,14	2,56
	0,0	11,97	2,58	11,82	2,61	11,67	2,63	11,59	2,65	11,52	2,66	11,37	2,69
	6,0	13,44	2,73	13,29	2,75	13,14	2,78	13,06	2,79	12,99	2,81	12,84	2,83
	10,0	14,42	2,82	14,27	2,85	14,12	2,88	14,05	2,89	13,97	2,91	13,82	2,93
	15,0	15,65	2,95	15,50	2,97	15,35	3,00	15,27	3,01	15,20	3,03	15,05	3,05
1.5+1.5+5.0+5.0	-15,0	8,10	2,27	7,95	2,30	7,80	2,32	7,72	2,34	7,65	2,35	7,49	2,38
	-10,0	9,35	2,39	9,19	2,42	9,04	2,44	8,97	2,46	8,89	2,47	8,74	2,50
	-5,0	10,59	2,51	10,44	2,54	10,28	2,56	10,21	2,58	10,13	2,59	9,98	2,62
	0,0	11,83	2,63	11,68	2,66	11,53	2,69	11,45	2,70	11,38	2,71	11,22	2,74
	6,0	13,32	2,78	13,17	2,80	13,02	2,83	12,94	2,84	12,87	2,86	12,72	2,88
	10,0	14,32	2,87	14,17	2,90	14,01	2,93	13,94	2,94	13,86	2,95	13,71	2,98
	15,0	15,56	2,99	15,41	3,02	15,26	3,05	15,18	3,06	15,11	3,07	14,95	3,10
1.5+1.5+5.0+6.0	-15,0	8,33	2,24	8,18	2,27	8,03	2,29	7,95	2,31	7,88	2,32	7,72	2,35
	-10,0	9,58	2,36	9,42	2,39	9,27	2,41	9,20	2,43	9,12	2,44	8,97	2,47
	-5,0	10,82	2,48	10,67	2,51	10,51	2,53	10,44	2,55	10,36	2,56	10,21	2,59
	0,0	12,06	2,60	11,91	2,63	11,76	2,66	11,68	2,67	11,61	2,68	11,45	2,71
	6,0	13,55	2,75	13,40	2,77	13,25	2,80	13,17	2,81	13,10	2,83	12,95	2,85
	10,0	14,55	2,84	14,40	2,87	14,24	2,90	14,17	2,91	14,09	2,92	13,94	2,95
	15,0	15,79	2,96	15,64	2,99	15,49	3,02	15,41	3,03	15,34	3,04	15,18	3,07
1.5+1.5+5.0+7.1	-15,0	8,37	2,22	8,22	2,25	8,07	2,27	7,99	2,29	7,92	2,30	7,76	2,33
	-10,0	9,62	2,34	9,46	2,37	9,31	2,39	9,24	2,41	9,16	2,42	9,01	2,45
	-5,0	10,86	2,46	10,71	2,49	10,55	2,51	10,48	2,53	10,40	2,54	10,25	2,57
	0,0	12,10	2,58	11,95	2,61	11,80	2,64	11,72	2,65	11,65	2,66	11,49	2,69
	6,0	13,59	2,73	13,44	2,75	13,29	2,78	13,21	2,79	13,14	2,81	12,99	2,83
	10,0	14,59	2,82	14,44	2,85	14,28	2,88	14,21	2,89	14,13	2,90	13,98	2,93
	15,0	15,83	2,94	15,68	2,97	15,53	3,00	15,45	3,01	15,38	3,02	15,22	3,05
1.5+1.5+6.0+6.0	-15,0	8,57	2,16	8,42	2,19	8,27	2,21	8,19	2,23	8,12	2,24	7,96	2,27
	-10,0	9,82	2,28	9,66	2,31	9,51	2,33	9,44	2,35	9,36	2,36	9,21	2,39
	-5,0	11,06	2,40	10,91	2,43	10,75	2,45	10,68	2,47	10,60	2,48	10,45	2,51
	0,0	12,30	2,52	12,15	2,55	12,00	2,58	11,92	2,59	11,85	2,60	11,69	2,63
	6,0	13,79	2,67	13,64	2,69	13,49	2,72	13,41	2,73	13,34	2,75	13,19	2,77
	10,0	14,79	2,76	14,64	2,79	14,48	2,82	14,41	2,83	14,33	2,84	14,18	2,87
	15,0	16,03	2,88	15,88	2,91	15,73	2,94	15,65	2,95	15,58	2,96	15,42	2,99

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104193

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.0+2.0	-15,0	7,49	2,13	7,35	2,16	7,21	2,18	7,14	2,20	7,07	2,21	6,93	2,23
	-10,0	8,64	2,25	8,50	2,27	8,36	2,30	8,29	2,31	8,22	2,32	8,08	2,35
	-5,0	9,79	2,36	9,65	2,39	9,51	2,41	9,44	2,42	9,37	2,43	9,23	2,46
	0,0	10,94	2,47	10,80	2,50	10,66	2,52	10,59	2,54	10,52	2,55	10,38	2,57
	6,0	12,32	2,61	12,18	2,64	12,04	2,66	11,97	2,67	11,90	2,68	11,76	2,71
	10,0	13,24	2,70	13,10	2,73	12,96	2,75	12,89	2,76	12,82	2,78	12,68	2,80
	15,0	14,39	2,81	14,25	2,84	14,11	2,86	14,04	2,88	13,97	2,89	13,83	2,91
1.5+2.0+2.0+2.5	-15,0	7,49	2,13	7,35	2,16	7,21	2,18	7,14	2,20	7,07	2,21	6,93	2,23
	-10,0	8,64	2,25	8,50	2,27	8,36	2,30	8,29	2,31	8,22	2,32	8,08	2,35
	-5,0	9,79	2,36	9,65	2,39	9,51	2,41	9,44	2,42	9,37	2,43	9,23	2,46
	0,0	10,94	2,47	10,80	2,50	10,66	2,52	10,59	2,54	10,52	2,55	10,38	2,57
	6,0	12,32	2,61	12,18	2,64	12,04	2,66	11,97	2,67	11,90	2,68	11,76	2,71
	10,0	13,24	2,70	13,10	2,73	12,96	2,75	12,89	2,76	12,82	2,78	12,68	2,80
	15,0	14,39	2,81	14,25	2,84	14,11	2,86	14,04	2,88	13,97	2,89	13,83	2,91
1.5+2.0+2.0+3.5	-15,0	7,90	2,36	7,75	2,39	7,60	2,41	7,53	2,43	7,45	2,44	7,30	2,47
	-10,0	9,11	2,48	8,96	2,51	8,81	2,54	8,74	2,55	8,66	2,57	8,52	2,59
	-5,0	10,32	2,61	10,17	2,61	10,04	2,66	9,95	2,68	9,88	2,69	9,73	2,72
	0,0	11,53	2,73	11,38	2,76	11,24	2,79	11,16	2,80	11,09	2,82	10,94	2,84
	6,0	12,99	2,89	12,84	2,91	12,69	2,94	12,62	2,95	12,54	2,97	12,39	2,99
	10,0	13,96	2,99	13,81	3,01	13,66	3,04	13,59	3,05	13,51	3,07	13,36	3,09
	15,0	15,17	3,11	15,02	3,14	14,87	3,17	14,80	3,18	14,72	3,19	14,57	3,22
1.5+2.0+2.0+4.2	-15,0	7,91	2,35	7,76	2,38	7,61	2,40	7,54	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,47	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,53	2,58
	-5,0	10,33	2,60	10,18	2,60	10,05	2,65	9,96	2,67	9,89	2,68	9,74	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,16	14,81	3,17	14,73	3,18	14,58	3,21
1.5+2.0+2.0+5.0	-15,0	7,99	2,30	7,84	2,33	7,69	2,35	7,61	2,37	7,54	2,38	7,39	2,41
	-10,0	9,22	2,42	9,07	2,45	8,92	2,48	8,84	2,49	8,77	2,50	8,62	2,53
	-5,0	10,44	2,55	10,29	2,57	10,14	2,60	10,07	2,61	9,99	2,63	9,84	2,65
	0,0	11,67	2,67	11,52	2,70	11,37	2,72	11,29	2,74	11,22	2,76	11,07	2,78
	6,0	13,14	2,82	12,99	2,84	12,84	2,87	12,77	2,88	12,69	2,90	12,54	2,92
	10,0	14,12	2,91	13,97	2,94	13,82	2,97	13,75	2,98	13,67	3,00	13,52	3,02
	15,0	15,35	3,04	15,20	3,06	15,05	3,09	14,97	3,11	14,90	3,12	14,75	3,15
1.5+2.0+2.0+6.0	-15,0	8,23	2,23	8,08	2,26	7,93	2,28	7,85	2,30	7,78	2,31	7,63	2,34
	-10,0	9,46	2,35	9,31	2,38	9,16	2,41	9,08	2,42	9,01	2,43	8,86	2,46
	-5,0	10,68	2,48	10,53	2,50	10,38	2,53	10,31	2,54	10,23	2,56	10,08	2,58
	0,0	11,91	2,60	11,76	2,63	11,61	2,65	11,53	2,67	11,46	2,69	11,31	2,71
	6,0	13,38	2,75	13,23	2,77	13,08	2,80	13,01	2,81	12,93	2,83	12,78	2,85
	10,0	14,36	2,84	14,21	2,87	14,06	2,90	13,99	2,91	13,91	2,93	13,76	2,95
	15,0	15,59	2,97	15,44	2,99	15,29	3,02	15,21	3,04	15,14	3,05	14,99	3,08

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.0+7.1	-15,0	8,26	2,21	8,11	2,24	7,96	2,26	7,88	2,28	7,81	2,29	7,66	2,32
	-10,0	9,49	2,33	9,34	2,36	9,19	2,39	9,11	2,40	9,04	2,41	8,89	2,44
	-5,0	10,71	2,46	10,56	2,48	10,41	2,51	10,34	2,52	10,26	2,54	10,11	2,56
	0,0	11,94	2,58	11,79	2,61	11,64	2,63	11,56	2,65	11,49	2,67	11,34	2,69
	6,0	13,41	2,73	13,26	2,75	13,11	2,78	13,04	2,79	12,96	2,81	12,81	2,83
	10,0	14,39	2,82	14,24	2,85	14,09	2,88	14,02	2,89	13,94	2,91	13,79	2,93
	15,0	15,62	2,95	15,47	2,97	15,32	3,00	15,24	3,02	15,17	3,03	15,02	3,06
1.5+2.0+2.5+2.5	-15,0	7,49	2,13	7,35	2,16	7,21	2,18	7,14	2,20	7,07	2,21	6,93	2,23
	-10,0	8,64	2,25	8,50	2,27	8,36	2,30	8,29	2,31	8,22	2,32	8,08	2,35
	-5,0	9,79	2,36	9,65	2,39	9,51	2,41	9,44	2,42	9,37	2,43	9,23	2,46
	0,0	10,94	2,47	10,80	2,50	10,66	2,52	10,59	2,54	10,52	2,55	10,38	2,57
	6,0	12,32	2,61	12,18	2,64	12,04	2,66	11,97	2,67	11,90	2,68	11,76	2,71
	10,0	13,24	2,70	13,10	2,73	12,96	2,75	12,89	2,76	12,82	2,78	12,68	2,80
	15,0	14,39	2,81	14,25	2,84	14,11	2,86	14,04	2,88	13,97	2,89	13,83	2,91
1.5+2.0+2.5+3.5	-15,0	7,90	2,36	7,75	2,39	7,60	2,41	7,53	2,43	7,45	2,44	7,30	2,47
	-10,0	9,11	2,48	8,96	2,51	8,81	2,54	8,74	2,55	8,66	2,57	8,52	2,59
	-5,0	10,32	2,61	10,17	2,61	10,04	2,66	9,95	2,68	9,88	2,69	9,73	2,72
	0,0	11,53	2,73	11,38	2,76	11,24	2,79	11,16	2,80	11,09	2,82	10,94	2,84
	6,0	12,99	2,89	12,84	2,91	12,69	2,94	12,62	2,95	12,54	2,97	12,39	2,99
	10,0	13,96	2,99	13,81	3,01	13,66	3,04	13,59	3,05	13,51	3,07	13,36	3,09
	15,0	15,17	3,11	15,02	3,14	14,87	3,17	14,80	3,18	14,72	3,19	14,57	3,22
1.5+2.0+2.5+4.2	-15,0	7,91	2,35	7,76	2,38	7,61	2,40	7,54	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,47	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,53	2,58
	-5,0	10,33	2,60	10,18	2,60	10,05	2,65	9,96	2,67	9,89	2,68	9,74	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,16	14,81	3,17	14,73	3,18	14,58	3,21
1.5+2.0+2.5+5.0	-15,0	7,99	2,30	7,84	2,33	7,69	2,35	7,61	2,37	7,54	2,38	7,39	2,41
	-10,0	9,22	2,42	9,07	2,45	8,92	2,48	8,84	2,49	8,77	2,50	8,62	2,53
	-5,0	10,44	2,55	10,29	2,57	10,14	2,60	10,07	2,61	9,99	2,63	9,84	2,65
	0,0	11,67	2,67	11,52	2,70	11,37	2,72	11,29	2,74	11,22	2,76	11,07	2,78
	6,0	13,14	2,82	12,99	2,84	12,84	2,87	12,77	2,88	12,69	2,90	12,54	2,92
	10,0	14,12	2,91	13,97	2,94	13,82	2,97	13,75	2,98	13,67	3,00	13,52	3,02
	15,0	15,35	3,04	15,20	3,06	15,05	3,09	14,97	3,11	14,90	3,12	14,75	3,15
1.5+2.0+2.5+6.0	-15,0	8,23	2,23	8,08	2,26	7,93	2,28	7,85	2,30	7,78	2,31	7,63	2,34
	-10,0	9,46	2,35	9,31	2,38	9,16	2,41	9,08	2,42	9,01	2,43	8,86	2,46
	-5,0	10,68	2,48	10,53	2,50	10,38	2,53	10,31	2,54	10,23	2,56	10,08	2,58
	0,0	11,91	2,60	11,76	2,63	11,61	2,65	11,53	2,67	11,46	2,69	11,31	2,71
	6,0	13,38	2,75	13,23	2,77	13,08	2,80	13,01	2,81	12,93	2,83	12,78	2,85
	10,0	14,36	2,84	14,21	2,87	14,06	2,90	13,99	2,91	13,91	2,93	13,76	2,95
	15,0	15,59	2,97	15,44	2,99	15,29	3,02	15,21	3,04	15,14	3,05	14,99	3,08

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104194

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.5+7.1	-15,0	8,26	2,21	8,11	2,24	7,96	2,26	7,88	2,28	7,81	2,29	7,66	2,32
	-10,0	9,49	2,33	9,34	2,36	9,19	2,39	9,11	2,40	9,04	2,41	8,89	2,44
	-5,0	10,71	2,46	10,56	2,48	10,41	2,51	10,34	2,52	10,26	2,54	10,11	2,56
	0,0	11,94	2,58	11,79	2,61	11,64	2,63	11,56	2,65	11,49	2,67	11,34	2,69
	6,0	13,41	2,73	13,26	2,75	13,11	2,78	13,04	2,79	12,96	2,81	12,81	2,83
	10,0	14,39	2,82	14,24	2,85	14,09	2,88	14,02	2,89	13,94	2,91	13,79	2,93
	15,0	15,62	2,95	15,47	2,97	15,32	3,00	15,24	3,02	15,17	3,03	15,02	3,06
1.5+2.0+3.5+3.5	-15,0	7,90	2,35	7,75	2,38	7,61	2,41	7,53	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,48	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,52	2,59
	-5,0	10,33	2,60	10,18	2,63	10,03	2,66	9,96	2,67	9,88	2,68	9,74	2,71
	0,0	11,54	2,73	11,39	2,75	11,24	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,15	14,81	3,17	14,73	3,18	14,59	3,21
1.5+2.0+3.5+4.2	-15,0	7,90	2,35	7,75	2,38	7,61	2,41	7,53	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,48	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,52	2,59
	-5,0	10,33	2,60	10,18	2,63	10,03	2,66	9,96	2,67	9,88	2,68	9,74	2,71
	0,0	11,54	2,73	11,39	2,75	11,24	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,15	14,81	3,17	14,73	3,18	14,59	3,21
1.5+2.0+3.5+5.0	-15,0	8,00	2,30	7,84	2,33	7,69	2,35	7,62	2,37	7,54	2,38	7,39	2,41
	-10,0	9,22	2,42	9,07	2,45	8,92	2,48	8,85	2,49	8,77	2,50	8,62	2,53
	-5,0	10,45	2,55	10,30	2,57	10,15	2,60	10,07	2,61	10,00	2,63	9,85	2,65
	0,0	11,68	2,67	11,53	2,70	11,38	2,72	11,30	2,74	11,23	2,75	11,08	2,78
	6,0	13,15	2,82	13,00	2,84	12,85	2,87	12,77	2,88	12,70	2,90	12,55	2,92
	10,0	14,13	2,91	13,98	2,94	13,83	2,97	13,76	2,98	13,68	3,00	13,53	3,02
	15,0	15,36	3,04	15,21	3,06	15,06	3,09	14,98	3,10	14,91	3,12	14,76	3,14
1.5+2.0+3.5+6.0	-15,0	8,24	2,22	8,08	2,25	7,93	2,27	7,86	2,29	7,78	2,30	7,63	2,33
	-10,0	9,46	2,34	9,31	2,37	9,16	2,40	9,09	2,41	9,01	2,42	8,86	2,45
	-5,0	10,69	2,47	10,54	2,49	10,39	2,52	10,31	2,53	10,24	2,55	10,09	2,57
	0,0	11,92	2,59	11,77	2,62	11,62	2,64	11,54	2,66	11,47	2,67	11,32	2,70
	6,0	13,39	2,74	13,24	2,76	13,09	2,79	13,01	2,80	12,94	2,82	12,79	2,84
	10,0	14,37	2,83	14,22	2,86	14,07	2,89	14,00	2,90	13,92	2,92	13,77	2,94
	15,0	15,60	2,96	15,45	2,98	15,30	3,01	15,22	3,02	15,15	3,04	15,00	3,06
1.5+2.0+3.5+7.1	-15,0	8,28	2,21	8,12	2,24	7,97	2,26	7,90	2,28	7,82	2,29	7,67	2,32
	-10,0	9,50	2,33	9,35	2,36	9,20	2,39	9,13	2,40	9,05	2,41	8,90	2,44
	-5,0	10,73	2,46	10,58	2,48	10,43	2,51	10,35	2,52	10,28	2,54	10,13	2,56
	0,0	11,96	2,58	11,81	2,61	11,66	2,63	11,58	2,65	11,51	2,66	11,36	2,69
	6,0	13,43	2,73	13,28	2,75	13,13	2,78	13,05	2,79	12,98	2,81	12,83	2,83
	10,0	14,41	2,82	14,26	2,85	14,11	2,88	14,04	2,89	13,96	2,91	13,81	2,93
	15,0	15,64	2,95	15,49	2,97	15,34	3,00	15,26	3,01	15,19	3,03	15,04	3,05

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+4.2+4.2	-15,0	7,91	2,35	7,76	2,38	7,62	2,41	7,54	2,42	7,47	2,43	7,32	2,46
	-10,0	9,13	2,48	8,98	2,50	8,83	2,53	8,76	2,54	8,68	2,56	8,53	2,59
	-5,0	10,34	2,60	10,19	2,63	10,04	2,66	9,97	2,67	9,89	2,68	9,75	2,71
	0,0	11,55	2,73	11,40	2,75	11,25	2,78	11,18	2,79	11,11	2,81	10,96	2,83
	6,0	13,01	2,88	12,86	2,90	12,71	2,93	12,64	2,94	12,56	2,96	12,41	2,98
	10,0	13,98	2,98	13,83	3,00	13,68	3,03	13,61	3,04	13,53	3,06	13,38	3,08
	15,0	15,19	3,10	15,04	3,13	14,89	3,15	14,82	3,17	14,74	3,18	14,60	3,21
1.5+2.0+4.2+5.0	-15,0	8,02	2,30	7,86	2,33	7,71	2,35	7,64	2,37	7,56	2,38	7,41	2,41
	-10,0	9,24	2,42	9,09	2,45	8,94	2,48	8,87	2,49	8,79	2,50	8,64	2,53
	-5,0	10,47	2,55	10,32	2,57	10,17	2,60	10,09	2,61	10,02	2,63	9,87	2,65
	0,0	11,70	2,67	11,55	2,70	11,40	2,72	11,32	2,74	11,25	2,75	11,10	2,78
	6,0	13,17	2,82	13,02	2,84	12,87	2,87	12,79	2,88	12,72	2,90	12,57	2,92
	10,0	14,15	2,91	14,00	2,94	13,85	2,97	13,78	2,98	13,70	3,00	13,55	3,02
	15,0	15,38	3,04	15,23	3,06	15,08	3,09	15,00	3,10	14,93	3,12	14,78	3,14
1.5+2.0+4.2+6.0	-15,0	8,25	2,22	8,09	2,25	7,94	2,27	7,87	2,29	7,79	2,30	7,64	2,33
	-10,0	9,47	2,34	9,32	2,37	9,17	2,40	9,10	2,41	9,02	2,42	8,87	2,45
	-5,0	10,70	2,47	10,55	2,49	10,40	2,52	10,32	2,53	10,25	2,55	10,10	2,57
	0,0	11,93	2,59	11,78	2,62	11,63	2,64	11,55	2,66	11,48	2,67	11,33	2,70
	6,0	13,40	2,74	13,25	2,76	13,10	2,79	13,02	2,80	12,95	2,82	12,80	2,84
	10,0	14,38	2,83	14,23	2,86	14,08	2,89	14,01	2,90	13,93	2,92	13,78	2,94
	15,0	15,61	2,96	15,46	2,98	15,31	3,01	15,23	3,02	15,16	3,04	15,01	3,06
1.5+2.0+4.2+7.1	-15,0	8,29	2,21	8,13	2,24	7,98	2,26	7,91	2,28	7,83	2,29	7,68	2,32
	-10,0	9,51	2,33	9,36	2,36	9,21	2,39	9,14	2,40	9,06	2,41	8,91	2,44
	-5,0	10,74	2,46	10,59	2,48	10,44	2,51	10,36	2,52	10,29	2,54	10,14	2,56
	0,0	11,97	2,58	11,82	2,61	11,67	2,63	11,59	2,65	11,52	2,66	11,37	2,69
	6,0	13,44	2,73	13,29	2,75	13,14	2,78	13,06	2,79	12,99	2,81	12,84	2,83
	10,0	14,42	2,82	14,27	2,85	14,12	2,88	14,05	2,89	13,97	2,91	13,82	2,93
	15,0	15,65	2,95	15,50	2,97	15,35	3,00	15,27	3,01	15,20	3,03	15,05	3,05
1.5+2.0+5.0+5.0	-15,0	8,10	2,27	7,95	2,30	7,80	2,32	7,72	2,34	7,65	2,35	7,49	2,38
	-10,0	9,35	2,39	9,19	2,42	9,04	2,44	8,97	2,46	8,89	2,47	8,74	2,50
	-5,0	10,59	2,51	10,44	2,54	10,28	2,56	10,21	2,58	10,13	2,59	9,98	2,62
	0,0	11,83	2,63	11,68	2,66	11,53	2,69	11,45	2,70	11,38	2,71	11,22	2,74
	6,0	13,32	2,78	13,17	2,80	13,02	2,83	12,94	2,84	12,87	2,86	12,72	2,88
	10,0	14,32	2,87	14,17	2,90	14,01	2,93	13,94	2,94	13,86	2,95	13,71	2,98
	15,0	15,56	2,99	15,41	3,02	15,26	3,05	15,18	3,06	15,11	3,07	14,95	3,10
1.5+2.0+5.0+6.0	-15,0	8,33	2,24	8,18	2,27	8,03	2,29	7,95	2,31	7,88	2,32	7,72	2,35
	-10,0	9,58	2,36	9,42	2,39	9,27	2,41	9,20	2,43	9,12	2,44	8,97	2,47
	-5,0	10,82	2,48	10,67	2,51	10,51	2,53	10,44	2,55	10,36	2,56	10,21	2,59
	0,0	12,06	2,60	11,91	2,63	11,76	2,66	11,68	2,67	11,61	2,68	11,45	2,71
	6,0	13,55	2,75	13,40	2,77	13,25	2,80	13,17	2,81	13,10	2,83	12,95	2,85
	10,0	14,55	2,84	14,40	2,87	14,24	2,90	14,17	2,91	14,09	2,92	13,94	2,95
	15,0	15,79	2,96	15,64	2,99	15,49	3,02	15,41	3,03	15,34	3,04	15,18	3,07

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104195

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+5.0+7.1	-15,0	8,37	2,22	8,22	2,25	8,07	2,27	7,99	2,29	7,92	2,30	7,76	2,33
	-10,0	9,62	2,34	9,46	2,37	9,31	2,39	9,24	2,41	9,16	2,42	9,01	2,45
	-5,0	10,86	2,46	10,71	2,49	10,55	2,51	10,48	2,53	10,40	2,54	10,25	2,57
	0,0	12,10	2,58	11,95	2,61	11,80	2,64	11,72	2,65	11,65	2,66	11,49	2,69
	6,0	13,59	2,73	13,44	2,75	13,29	2,78	13,21	2,79	13,14	2,81	12,99	2,83
	10,0	14,59	2,82	14,44	2,85	14,28	2,88	14,21	2,89	14,13	2,90	13,98	2,93
	15,0	15,83	2,94	15,68	2,97	15,53	3,00	15,45	3,01	15,38	3,02	15,22	3,05
1.5+2.0+6.0+6.0	-15,0	8,57	2,16	8,42	2,19	8,27	2,21	8,19	2,23	8,12	2,24	7,96	2,27
	-10,0	9,82	2,28	9,66	2,31	9,51	2,33	9,44	2,35	9,36	2,36	9,21	2,39
	-5,0	11,06	2,40	10,91	2,43	10,75	2,45	10,68	2,47	10,60	2,48	10,45	2,51
	0,0	12,30	2,52	12,15	2,55	12,00	2,58	11,92	2,59	11,85	2,60	11,69	2,63
	6,0	13,79	2,67	13,64	2,69	13,49	2,72	13,41	2,73	13,34	2,75	13,19	2,77
	10,0	14,79	2,76	14,64	2,79	14,48	2,82	14,41	2,83	14,33	2,84	14,18	2,87
	15,0	16,03	2,88	15,88	2,91	15,73	2,94	15,65	2,95	15,58	2,96	15,42	2,99
1.5+2.5+2.5+2.5	-15,0	8,05	2,39	7,91	2,42	7,77	2,44	7,70	2,46	7,63	2,47	7,49	2,49
	-10,0	9,20	2,51	9,06	2,53	8,92	2,56	8,85	2,57	8,78	2,58	8,64	2,61
	-5,0	10,35	2,62	10,21	2,65	10,07	2,67	10,00	2,68	9,93	2,69	9,79	2,72
	0,0	11,50	2,73	11,36	2,76	11,22	2,78	11,15	2,80	11,08	2,81	10,94	2,83
	6,0	12,88	2,87	12,74	2,90	12,60	2,92	12,53	2,93	12,46	2,94	12,32	2,97
	10,0	13,80	2,96	13,66	2,99	13,52	3,01	13,45	3,02	13,38	3,04	13,24	3,06
	15,0	14,95	3,07	14,81	3,10	14,67	3,12	14,60	3,14	14,53	3,15	14,39	3,17
1.5+2.5+2.5+3.5	-15,0	7,90	2,36	7,75	2,39	7,60	2,41	7,53	2,43	7,45	2,44	7,30	2,47
	-10,0	9,11	2,48	8,96	2,51	8,81	2,54	8,74	2,55	8,66	2,57	8,52	2,59
	-5,0	10,32	2,61	10,17	2,61	10,04	2,66	9,95	2,68	9,88	2,69	9,73	2,72
	0,0	11,53	2,73	11,38	2,76	11,24	2,79	11,16	2,80	11,09	2,82	10,94	2,84
	6,0	12,99	2,89	12,84	2,91	12,69	2,94	12,62	2,95	12,54	2,97	12,39	2,99
	10,0	13,96	2,99	13,81	3,01	13,66	3,04	13,59	3,05	13,51	3,07	13,36	3,09
	15,0	15,17	3,11	15,02	3,14	14,87	3,17	14,80	3,18	14,72	3,19	14,57	3,22
1.5+2.5+2.5+4.2	-15,0	7,91	2,35	7,76	2,38	7,61	2,40	7,54	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,47	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,53	2,58
	-5,0	10,33	2,60	10,18	2,60	10,05	2,65	9,96	2,67	9,89	2,68	9,74	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,16	14,81	3,17	14,73	3,18	14,58	3,21
1.5+2.5+2.5+5.0	-15,0	7,99	2,30	7,84	2,33	7,69	2,35	7,61	2,37	7,54	2,38	7,39	2,41
	-10,0	9,22	2,42	9,07	2,45	8,92	2,48	8,84	2,49	8,77	2,50	8,62	2,53
	-5,0	10,44	2,55	10,29	2,57	10,14	2,60	10,07	2,61	9,99	2,63	9,84	2,65
	0,0	11,67	2,67	11,52	2,70	11,37	2,72	11,29	2,74	11,22	2,76	11,07	2,78
	6,0	13,14	2,82	12,99	2,84	12,84	2,87	12,77	2,88	12,69	2,90	12,54	2,92
	10,0	14,12	2,91	13,97	2,94	13,82	2,97	13,75	2,98	13,67	3,00	13,52	3,02
	15,0	15,35	3,04	15,20	3,06	15,05	3,09	14,97	3,11	14,90	3,12	14,75	3,15

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+2.5+6.0	-15,0	8,23	2,23	8,08	2,26	7,93	2,28	7,85	2,30	7,78	2,31	7,63	2,34
	-10,0	9,46	2,35	9,31	2,38	9,16	2,41	9,08	2,42	9,01	2,43	8,86	2,46
	-5,0	10,68	2,48	10,53	2,50	10,38	2,53	10,31	2,54	10,23	2,56	10,08	2,58
	0,0	11,91	2,60	11,76	2,63	11,61	2,65	11,53	2,67	11,46	2,69	11,31	2,71
	6,0	13,38	2,75	13,23	2,77	13,08	2,80	13,01	2,81	12,93	2,83	12,78	2,85
	10,0	14,36	2,84	14,21	2,87	14,06	2,90	13,99	2,91	13,91	2,93	13,76	2,95
	15,0	15,59	2,97	15,44	2,99	15,29	3,02	15,21	3,04	15,14	3,05	14,99	3,08
1.5+2.5+2.5+7.1	-15,0	8,26	2,21	8,11	2,24	7,96	2,26	7,88	2,28	7,81	2,29	7,66	2,32
	-10,0	9,49	2,33	9,34	2,36	9,19	2,39	9,11	2,40	9,04	2,41	8,89	2,44
	-5,0	10,71	2,46	10,56	2,48	10,41	2,51	10,34	2,52	10,26	2,54	10,11	2,56
	0,0	11,94	2,58	11,79	2,61	11,64	2,63	11,56	2,65	11,49	2,67	11,34	2,69
	6,0	13,41	2,73	13,26	2,75	13,11	2,78	13,04	2,79	12,96	2,81	12,81	2,83
	10,0	14,39	2,82	14,24	2,85	14,09	2,88	14,02	2,89	13,94	2,91	13,79	2,93
	15,0	15,62	2,95	15,47	2,97	15,32	3,00	15,24	3,02	15,17	3,03	15,02	3,06
1.5+2.5+3.5+3.5	-15,0	7,90	2,35	7,75	2,38	7,61	2,41	7,53	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,48	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,52	2,59
	-5,0	10,33	2,60	10,18	2,63	10,03	2,66	9,96	2,67	9,88	2,68	9,74	2,71
	0,0	11,54	2,73	11,39	2,75	11,24	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,15	14,81	3,17	14,73	3,18	14,59	3,21
1.5+2.5+3.5+4.2	-15,0	7,90	2,35	7,75	2,38	7,61	2,41	7,53	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,48	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,52	2,59
	-5,0	10,33	2,60	10,18	2,63	10,03	2,66	9,96	2,67	9,88	2,68	9,74	2,71
	0,0	11,54	2,73	11,39	2,75	11,24	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,15	14,81	3,17	14,73	3,18	14,59	3,21
1.5+2.5+3.5+5.0	-15,0	8,00	2,30	7,84	2,33	7,69	2,35	7,62	2,37	7,54	2,38	7,39	2,41
	-10,0	9,22	2,42	9,07	2,45	8,92	2,48	8,85	2,49	8,77	2,50	8,62	2,53
	-5,0	10,45	2,55	10,30	2,57	10,15	2,60	10,07	2,61	10,00	2,63	9,85	2,65
	0,0	11,68	2,67	11,53	2,70	11,38	2,72	11,30	2,74	11,23	2,75	11,08	2,78
	6,0	13,15	2,82	13,00	2,84	12,85	2,87	12,77	2,88	12,70	2,90	12,55	2,92
	10,0	14,13	2,91	13,98	2,94	13,83	2,97	13,76	2,98	13,68	3,00	13,53	3,02
	15,0	15,36	3,04	15,21	3,06	15,06	3,09	14,98	3,10	14,91	3,12	14,76	3,14
1.5+2.5+3.5+6.0	-15,0	8,24	2,22	8,08	2,25	7,93	2,27	7,86	2,29	7,78	2,30	7,63	2,33
	-10,0	9,46	2,34	9,31	2,37	9,16	2,40	9,09	2,41	9,01	2,42	8,86	2,45
	-5,0	10,69	2,47	10,54	2,49	10,39	2,52	10,31	2,53	10,24	2,55	10,09	2,57
	0,0	11,92	2,59	11,77	2,62	11,62	2,64	11,54	2,66	11,47	2,67	11,32	2,70
	6,0	13,39	2,74	13,24	2,76	13,09	2,79	13,01	2,80	12,94	2,82	12,79	2,84
	10,0	14,37	2,83	14,22	2,86	14,07	2,89	14,00	2,90	13,92	2,92	13,77	2,94
	15,0	15,60	2,96	15,45	2,98	15,30	3,01	15,22	3,02	15,15	3,04	15,00	3,06

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104196

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+3.5+7.1	-15,0	8,28	2,21	8,12	2,24	7,97	2,26	7,90	2,28	7,82	2,29	7,67	2,32
	-10,0	9,50	2,33	9,35	2,36	9,20	2,39	9,13	2,40	9,05	2,41	8,90	2,44
	-5,0	10,73	2,46	10,58	2,48	10,43	2,51	10,35	2,52	10,28	2,54	10,13	2,56
	0,0	11,96	2,58	11,81	2,61	11,66	2,63	11,58	2,65	11,51	2,66	11,36	2,69
	6,0	13,43	2,73	13,28	2,75	13,13	2,78	13,05	2,79	12,98	2,81	12,83	2,83
	10,0	14,41	2,82	14,26	2,85	14,11	2,88	14,04	2,89	13,96	2,91	13,81	2,93
	15,0	15,64	2,95	15,49	2,97	15,34	3,00	15,26	3,01	15,19	3,03	15,04	3,05
1.5+2.5+4.2+4.2	-15,0	7,91	2,35	7,76	2,38	7,62	2,41	7,54	2,42	7,47	2,43	7,32	2,46
	-10,0	9,13	2,48	8,98	2,50	8,83	2,53	8,76	2,54	8,68	2,56	8,53	2,59
	-5,0	10,34	2,60	10,19	2,63	10,04	2,66	9,97	2,67	9,89	2,68	9,75	2,71
	0,0	11,55	2,73	11,40	2,75	11,25	2,78	11,18	2,79	11,11	2,81	10,96	2,83
	6,0	13,01	2,88	12,86	2,90	12,71	2,93	12,64	2,94	12,56	2,96	12,41	2,98
	10,0	13,98	2,98	13,83	3,00	13,68	3,03	13,61	3,04	13,53	3,06	13,38	3,08
	15,0	15,19	3,10	15,04	3,13	14,89	3,15	14,82	3,17	14,74	3,18	14,60	3,21
1.5+2.5+4.2+5.0	-15,0	8,02	2,30	7,86	2,33	7,71	2,35	7,64	2,37	7,56	2,38	7,41	2,41
	-10,0	9,24	2,42	9,09	2,45	8,94	2,48	8,87	2,49	8,79	2,50	8,64	2,53
	-5,0	10,47	2,55	10,32	2,57	10,17	2,60	10,09	2,61	10,02	2,63	9,87	2,65
	0,0	11,70	2,67	11,55	2,70	11,40	2,72	11,32	2,74	11,25	2,75	11,10	2,78
	6,0	13,17	2,82	13,02	2,84	12,87	2,87	12,79	2,88	12,72	2,90	12,57	2,92
	10,0	14,15	2,91	14,00	2,94	13,85	2,97	13,78	2,98	13,70	3,00	13,55	3,02
	15,0	15,38	3,04	15,23	3,06	15,08	3,09	15,00	3,10	14,93	3,12	14,78	3,14
1.5+2.5+4.2+6.0	-15,0	8,25	2,22	8,09	2,25	7,94	2,27	7,87	2,29	7,79	2,30	7,64	2,33
	-10,0	9,47	2,34	9,32	2,37	9,17	2,40	9,10	2,41	9,02	2,42	8,87	2,45
	-5,0	10,70	2,47	10,55	2,49	10,40	2,52	10,32	2,53	10,25	2,55	10,10	2,57
	0,0	11,93	2,59	11,78	2,62	11,63	2,64	11,55	2,66	11,48	2,67	11,33	2,70
	6,0	13,40	2,74	13,25	2,76	13,10	2,79	13,02	2,80	12,95	2,82	12,80	2,84
	10,0	14,38	2,83	14,23	2,86	14,08	2,89	14,01	2,90	13,93	2,92	13,78	2,94
	15,0	15,61	2,96	15,46	2,98	15,31	3,01	15,23	3,02	15,16	3,04	15,01	3,06
1.5+2.5+4.2+7.1	-15,0	8,29	2,21	8,13	2,24	7,98	2,26	7,91	2,28	7,83	2,29	7,68	2,32
	-10,0	9,51	2,33	9,36	2,36	9,21	2,39	9,14	2,40	9,06	2,41	8,91	2,44
	-5,0	10,74	2,46	10,59	2,48	10,44	2,51	10,36	2,52	10,29	2,54	10,14	2,56
	0,0	11,97	2,58	11,82	2,61	11,67	2,63	11,59	2,65	11,52	2,66	11,37	2,69
	6,0	13,44	2,73	13,29	2,75	13,14	2,78	13,06	2,79	12,99	2,81	12,84	2,83
	10,0	14,42	2,82	14,27	2,85	14,12	2,88	14,05	2,89	13,97	2,91	13,82	2,93
	15,0	15,65	2,95	15,50	2,97	15,35	3,00	15,27	3,01	15,20	3,03	15,05	3,05
1.5+2.5+5.0+5.0	-15,0	7,83	2,36	7,68	2,39	7,53	2,41	7,45	2,43	7,38	2,44	7,22	2,47
	-10,0	9,08	2,48	8,92	2,51	8,77	2,53	8,70	2,55	8,62	2,56	8,47	2,59
	-5,0	10,32	2,60	10,17	2,63	10,01	2,65	9,94	2,67	9,86	2,68	9,71	2,71
	0,0	11,56	2,72	11,41	2,75	11,26	2,78	11,18	2,79	11,11	2,80	10,95	2,83
	6,0	13,05	2,87	12,90	2,89	12,75	2,92	12,67	2,93	12,60	2,95	12,45	2,97
	10,0	14,05	2,96	13,90	2,99	13,74	3,02	13,67	3,03	13,59	3,04	13,44	3,07
	15,0	15,29	3,08	15,14	3,11	14,99	3,14	14,91	3,15	14,84	3,16	14,68	3,19

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+5.0+6.0	-15,0	7,97	2,31	7,82	2,34	7,67	2,36	7,59	2,38	7,52	2,39	7,36	2,42
	-10,0	9,22	2,43	9,06	2,46	8,91	2,48	8,84	2,50	8,76	2,51	8,61	2,54
	-5,0	10,46	2,55	10,31	2,58	10,15	2,60	10,08	2,62	10,00	2,63	9,85	2,66
	0,0	11,70	2,67	11,55	2,70	11,40	2,73	11,32	2,74	11,25	2,75	11,09	2,78
	6,0	13,19	2,82	13,04	2,84	12,89	2,87	12,81	2,88	12,74	2,90	12,59	2,92
	10,0	14,19	2,91	14,04	2,94	13,88	2,97	13,81	2,98	13,73	2,99	13,58	3,02
	15,0	15,43	3,03	15,28	3,06	15,13	3,09	15,05	3,10	14,98	3,11	14,82	3,14
1.5+3.5+3.5+3.5	-15,0	7,90	2,35	7,75	2,38	7,61	2,41	7,53	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,48	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,52	2,59
	-5,0	10,33	2,60	10,18	2,63	10,03	2,66	9,96	2,67	9,88	2,68	9,74	2,71
	0,0	11,54	2,73	11,39	2,75	11,24	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,15	14,81	3,17	14,73	3,18	14,59	3,21
1.5+3.5+3.5+4.2	-15,0	7,91	2,35	7,76	2,38	7,62	2,41	7,54	2,42	7,47	2,43	7,32	2,46
	-10,0	9,13	2,48	8,98	2,50	8,83	2,53	8,76	2,54	8,68	2,56	8,53	2,59
	-5,0	10,34	2,60	10,19	2,63	10,04	2,66	9,97	2,67	9,89	2,68	9,75	2,71
	0,0	11,55	2,73	11,40	2,75	11,25	2,78	11,18	2,79	11,11	2,81	10,96	2,83
	6,0	13,01	2,88	12,86	2,90	12,71	2,93	12,64	2,94	12,56	2,96	12,41	2,98
	10,0	13,98	2,98	13,83	3,00	13,68	3,03	13,61	3,04	13,53	3,06	13,38	3,08
	15,0	15,19	3,10	15,04	3,13	14,89	3,15	14,82	3,17	14,74	3,18	14,60	3,21
1.5+3.5+3.5+5.0	-15,0	8,01	2,30	7,86	2,33	7,71	2,35	7,63	2,37	7,56	2,38	7,41	2,41
	-10,0	9,24	2,42	9,09	2,45	8,94	2,47	8,86	2,49	8,79	2,50	8,64	2,53
	-5,0	10,47	2,55	10,32	2,57	10,17	2,60	10,09	2,61	10,02	2,63	9,87	2,65
	0,0	11,70	2,67	11,55	2,70	11,40	2,72	11,32	2,74	11,25	2,75	11,10	2,78
	6,0	13,17	2,82	13,02	2,84	12,87	2,87	12,79	2,88	12,72	2,90	12,57	2,92
	10,0	14,15	2,91	14,00	2,94	13,85	2,97	13,78	2,98	13,70	3,00	13,55	3,02
	15,0	15,38	3,04	15,23	3,06	15,08	3,09	15,01	3,10	14,93	3,12	14,78	3,14
1.5+3.5+3.5+6.0	-15,0	8,24	2,22	8,09	2,25	7,94	2,27	7,86	2,29	7,79	2,30	7,64	2,33
	-10,0	9,47	2,34	9,32	2,37	9,17	2,39	9,09	2,41	9,02	2,42	8,87	2,45
	-5,0	10,70	2,47	10,55	2,49	10,40	2,52	10,32	2,53	10,25	2,55	10,10	2,57
	0,0	11,93	2,59	11,78	2,62	11,63	2,64	11,55	2,66	11,48	2,67	11,33	2,70
	6,0	13,40	2,74	13,25	2,76	13,10	2,79	13,02	2,80	12,95	2,82	12,80	2,84
	10,0	14,38	2,83	14,23	2,86	14,08	2,89	14,01	2,90	13,93	2,92	13,78	2,94
	15,0	15,61	2,96	15,46	2,98	15,31	3,01	15,24	3,02	15,16	3,04	15,01	3,06
1.5+3.5+3.5+7.1	-15,0	8,28	2,21	8,13	2,24	7,98	2,26	7,90	2,28	7,83	2,29	7,68	2,32
	-10,0	9,51	2,33	9,36	2,36	9,21	2,38	9,13	2,40	9,06	2,41	8,91	2,44
	-5,0	10,74	2,46	10,59	2,48	10,44	2,51	10,36	2,52	10,29	2,54	10,14	2,56
	0,0	11,97	2,58	11,82	2,61	11,67	2,63	11,59	2,65	11,52	2,66	11,37	2,69
	6,0	13,44	2,73	13,29	2,75	13,14	2,78	13,06	2,79	12,99	2,81	12,84	2,83
	10,0	14,42	2,82	14,27	2,85	14,12	2,88	14,05	2,89	13,97	2,91	13,82	2,93
	15,0	15,65	2,95	15,50	2,97	15,35	3,00	15,28	3,01	15,20	3,03	15,05	3,05

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104197

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+3.5+4.2+4.2	-15,0	7,92	2,34	7,77	2,37	7,63	2,40	7,55	2,41	7,48	2,42	7,33	2,45
	-10,0	9,14	2,47	8,99	2,49	8,84	2,52	8,77	2,53	8,69	2,55	8,54	2,58
	-5,0	10,35	2,59	10,20	2,62	10,05	2,65	9,98	2,66	9,90	2,67	9,76	2,70
	0,0	11,56	2,72	11,41	2,74	11,26	2,77	11,19	2,78	11,12	2,80	10,97	2,82
	6,0	13,02	2,87	12,87	2,89	12,72	2,92	12,65	2,93	12,57	2,95	12,42	2,97
	10,0	13,99	2,97	13,84	2,99	13,69	3,02	13,62	3,03	13,54	3,05	13,39	3,07
	15,0	15,20	3,09	15,05	3,12	14,90	3,14	14,83	3,16	14,75	3,17	14,61	3,20
1.5+3.5+4.2+5.0	-15,0	8,02	2,30	7,87	2,33	7,72	2,35	7,64	2,37	7,57	2,38	7,42	2,41
	-10,0	9,25	2,42	9,10	2,45	8,95	2,47	8,87	2,49	8,80	2,50	8,65	2,53
	-5,0	10,48	2,55	10,33	2,57	10,18	2,60	10,10	2,61	10,03	2,63	9,88	2,65
	0,0	11,71	2,67	11,56	2,70	11,41	2,72	11,33	2,74	11,26	2,75	11,11	2,78
	6,0	13,18	2,82	13,03	2,84	12,88	2,87	12,80	2,88	12,73	2,90	12,58	2,92
	10,0	14,16	2,91	14,01	2,94	13,86	2,97	13,79	2,98	13,71	3,00	13,56	3,02
	15,0	15,39	3,04	15,24	3,06	15,09	3,09	15,02	3,10	14,94	3,12	14,79	3,14
1.5+3.5+4.2+6.0	-15,0	8,25	2,22	8,10	2,25	7,95	2,27	7,87	2,29	7,80	2,30	7,65	2,33
	-10,0	9,48	2,34	9,33	2,37	9,18	2,39	9,10	2,41	9,03	2,42	8,88	2,45
	-5,0	10,71	2,47	10,56	2,49	10,41	2,52	10,33	2,53	10,26	2,55	10,11	2,57
	0,0	11,94	2,59	11,79	2,62	11,64	2,64	11,56	2,66	11,49	2,67	11,34	2,70
	6,0	13,41	2,74	13,26	2,76	13,11	2,79	13,03	2,80	12,96	2,82	12,81	2,84
	10,0	14,39	2,83	14,24	2,86	14,09	2,89	14,02	2,90	13,94	2,92	13,79	2,94
	15,0	15,62	2,96	15,47	2,98	15,32	3,01	15,25	3,02	15,17	3,04	15,02	3,06
1.5+3.5+5.0+5.0	-15,0	8,10	2,27	7,95	2,30	7,80	2,32	7,72	2,34	7,65	2,35	7,49	2,38
	-10,0	9,35	2,39	9,19	2,42	9,04	2,44	8,97	2,46	8,89	2,47	8,74	2,50
	-5,0	10,59	2,51	10,44	2,54	10,28	2,56	10,21	2,58	10,13	2,59	9,98	2,62
	0,0	11,83	2,63	11,68	2,66	11,53	2,69	11,45	2,70	11,38	2,71	11,22	2,74
	6,0	13,32	2,78	13,17	2,80	13,02	2,83	12,94	2,84	12,87	2,86	12,72	2,88
	10,0	14,32	2,87	14,17	2,90	14,01	2,93	13,94	2,94	13,86	2,95	13,71	2,98
	15,0	15,56	2,99	15,41	3,02	15,26	3,05	15,18	3,06	15,11	3,07	14,95	3,10
1.5+4.2+4.2+4.2	-15,0	7,93	2,34	7,78	2,37	7,64	2,40	7,56	2,41	7,49	2,42	7,34	2,45
	-10,0	9,15	2,47	9,00	2,49	8,85	2,52	8,78	2,53	8,70	2,55	8,55	2,58
	-5,0	10,36	2,59	10,21	2,62	10,06	2,65	9,99	2,66	9,91	2,67	9,77	2,70
	0,0	11,57	2,72	11,42	2,74	11,27	2,77	11,20	2,78	11,13	2,80	10,98	2,82
	6,0	13,03	2,87	12,88	2,89	12,73	2,92	12,66	2,93	12,58	2,95	12,43	2,97
	10,0	14,00	2,97	13,85	2,99	13,70	3,02	13,63	3,03	13,55	3,05	13,40	3,07
	15,0	15,21	3,09	15,06	3,12	14,91	3,14	14,84	3,16	14,76	3,17	14,62	3,20
1.5+4.2+4.2+5.0	-15,0	8,03	2,29	7,88	2,32	7,73	2,34	7,65	2,36	7,58	2,37	7,43	2,40
	-10,0	9,26	2,41	9,11	2,44	8,96	2,46	8,88	2,48	8,81	2,49	8,66	2,52
	-5,0	10,49	2,54	10,34	2,56	10,19	2,59	10,11	2,60	10,04	2,62	9,89	2,64
	0,0	11,72	2,66	11,57	2,69	11,42	2,71	11,34	2,73	11,27	2,74	11,12	2,77
	6,0	13,19	2,81	13,04	2,83	12,89	2,86	12,81	2,87	12,74	2,89	12,59	2,91
	10,0	14,17	2,90	14,02	2,93	13,87	2,96	13,80	2,97	13,72	2,99	13,57	3,01
	15,0	15,40	3,03	15,25	3,05	15,10	3,08	15,03	3,09	14,95	3,11	14,80	3,13

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+2.0	-15,0	7,49	2,13	7,35	2,16	7,21	2,18	7,14	2,20	7,07	2,21	6,93	2,23
	-10,0	8,64	2,25	8,50	2,27	8,36	2,30	8,29	2,31	8,22	2,32	8,08	2,35
	-5,0	9,79	2,36	9,65	2,39	9,51	2,41	9,44	2,42	9,37	2,43	9,23	2,46
	0,0	10,94	2,47	10,80	2,50	10,66	2,52	10,59	2,54	10,52	2,55	10,38	2,57
	6,0	12,32	2,61	12,18	2,64	12,04	2,66	11,97	2,67	11,90	2,68	11,76	2,71
	10,0	13,24	2,70	13,10	2,73	12,96	2,75	12,89	2,76	12,82	2,78	12,68	2,80
	15,0	14,39	2,81	14,25	2,84	14,11	2,86	14,04	2,88	13,97	2,89	13,83	2,91
2.0+2.0+2.0+2.5	-15,0	7,49	2,13	7,35	2,16	7,21	2,18	7,14	2,20	7,07	2,21	6,93	2,23
	-10,0	8,64	2,25	8,50	2,27	8,36	2,30	8,29	2,31	8,22	2,32	8,08	2,35
	-5,0	9,79	2,36	9,65	2,39	9,51	2,41	9,44	2,42	9,37	2,43	9,23	2,46
	0,0	10,94	2,47	10,80	2,50	10,66	2,52	10,59	2,54	10,52	2,55	10,38	2,57
	6,0	12,32	2,61	12,18	2,64	12,04	2,66	11,97	2,67	11,90	2,68	11,76	2,71
	10,0	13,24	2,70	13,10	2,73	12,96	2,75	12,89	2,76	12,82	2,78	12,68	2,80
	15,0	14,39	2,81	14,25	2,84	14,11	2,86	14,04	2,88	13,97	2,89	13,83	2,91
2.0+2.0+2.0+3.5	-15,0	7,90	2,36	7,75	2,39	7,60	2,41	7,53	2,43	7,45	2,44	7,30	2,47
	-10,0	9,11	2,48	8,96	2,51	8,81	2,54	8,74	2,55	8,66	2,57	8,52	2,59
	-5,0	10,32	2,61	10,17	2,61	10,04	2,66	9,95	2,68	9,88	2,69	9,73	2,72
	0,0	11,53	2,73	11,38	2,76	11,24	2,79	11,16	2,80	11,09	2,82	10,94	2,84
	6,0	12,99	2,89	12,84	2,91	12,69	2,94	12,62	2,95	12,54	2,97	12,39	2,99
	10,0	13,96	2,99	13,81	3,01	13,66	3,04	13,59	3,05	13,51	3,07	13,36	3,09
	15,0	15,17	3,11	15,02	3,14	14,87	3,17	14,80	3,18	14,72	3,19	14,57	3,22
2.0+2.0+2.0+4.2	-15,0	7,91	2,35	7,76	2,38	7,61	2,40	7,54	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,47	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,53	2,58
	-5,0	10,33	2,60	10,18	2,60	10,05	2,65	9,96	2,67	9,89	2,68	9,74	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,16	14,81	3,17	14,73	3,18	14,58	3,21
2.0+2.0+2.0+5.0	-15,0	7,99	2,31	7,84	2,34	7,69	2,36	7,61	2,38	7,54	2,39	7,39	2,42
	-10,0	9,22	2,43	9,07	2,46	8,92	2,49	8,84	2,50	8,77	2,51	8,62	2,54
	-5,0	10,44	2,56	10,29	2,58	10,14	2,61	10,07	2,62	9,99	2,64	9,84	2,66
	0,0	11,67	2,68	11,52	2,71	11,37	2,73	11,29	2,75	11,22	2,77	11,07	2,79
	6,0	13,14	2,83	12,99	2,85	12,84	2,88	12,77	2,89	12,69	2,91	12,54	2,93
	10,0	14,12	2,92	13,97	2,95	13,82	2,98	13,75	2,99	13,67	3,01	13,52	3,03
	15,0	15,35	3,05	15,20	3,07	15,05	3,10	14,97	3,12	14,90	3,13	14,75	3,16
2.0+2.0+2.0+6.0	-15,0	8,23	2,23	8,08	2,26	7,93	2,28	7,85	2,30	7,78	2,31	7,63	2,34
	-10,0	9,46	2,35	9,31	2,38	9,16	2,41	9,08	2,42	9,01	2,43	8,86	2,46
	-5,0	10,68	2,48	10,53	2,50	10,38	2,53	10,31	2,54	10,23	2,56	10,08	2,58
	0,0	11,91	2,60	11,76	2,63	11,61	2,65	11,53	2,67	11,46	2,69	11,31	2,71
	6,0	13,38	2,75	13,23	2,77	13,08	2,80	13,01	2,81	12,93	2,83	12,78	2,85
	10,0	14,36	2,84	14,21	2,87	14,06	2,90	13,99	2,91	13,91	2,93	13,76	2,95
	15,0	15,59	2,97	15,44	2,99	15,29	3,02	15,21	3,04	15,14	3,05	14,99	3,08

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104198

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1,5	-15,0	2,05	1,05	2,00	1,06	1,94	1,07	1,91	1,08	1,88	1,08	1,82	1,10
	-10,0	2,53	1,10	2,47	1,12	2,41	1,13	2,38	1,13	2,35	1,14	2,30	1,15
	-5,0	3,00	1,16	2,94	1,17	2,89	1,18	2,86	1,19	2,83	1,20	2,77	1,21
	0,0	3,48	1,22	3,42	1,23	3,36	1,24	3,33	1,25	3,30	1,25	3,24	1,27
	6,0	4,05	1,29	3,99	1,30	3,93	1,31	3,90	1,31	3,87	1,32	3,81	1,33
	10,0	4,43	1,33	4,37	1,34	4,31	1,34	4,28	1,35	4,25	1,37	4,19	1,38
	15,0	4,90	1,39	4,84	1,40	4,78	1,41	4,75	1,42	4,65	1,39	4,36	1,29
2,0	-15,0	2,49	1,11	2,44	1,12	2,38	1,13	2,35	1,14	2,32	1,14	2,26	1,16
	-10,0	2,97	1,16	2,91	1,18	2,85	1,19	2,82	1,19	2,79	1,20	2,74	1,21
	-5,0	3,44	1,22	3,38	1,23	3,33	1,24	3,30	1,25	3,27	1,26	3,21	1,27
	0,0	3,92	1,28	3,86	1,29	3,80	1,30	3,77	1,31	3,74	1,31	3,68	1,33
	6,0	4,49	1,35	4,43	1,36	4,37	1,37	4,34	1,37	4,31	1,38	4,25	1,39
	10,0	4,87	1,39	4,81	1,40	4,75	1,40	4,72	1,41	4,69	1,43	4,63	1,44
	15,0	5,34	1,45	5,28	1,46	5,22	1,47	5,19	1,48	5,09	1,45	4,80	1,35
2,5	-15,0	2,96	1,21	2,91	1,22	2,85	1,23	2,82	1,24	2,79	1,24	2,73	1,26
	-10,0	3,44	1,26	3,38	1,28	3,32	1,29	3,29	1,29	3,26	1,30	3,21	1,31
	-5,0	3,91	1,32	3,85	1,33	3,80	1,34	3,77	1,35	3,74	1,36	3,68	1,37
	0,0	4,39	1,38	4,33	1,39	4,27	1,40	4,24	1,41	4,21	1,41	4,15	1,43
	6,0	4,96	1,45	4,90	1,46	4,84	1,47	4,81	1,47	4,78	1,48	4,72	1,49
	10,0	5,34	1,49	5,28	1,50	5,22	1,50	5,19	1,51	5,16	1,53	5,10	1,54
	15,0	5,81	1,55	5,75	1,56	5,69	1,57	5,66	1,58	5,56	1,55	5,27	1,45
3,5	-15,0	3,03	1,56	2,96	1,58	2,89	1,59	2,85	1,60	2,82	1,61	2,75	1,63
	-10,0	3,60	1,64	3,53	1,66	3,46	1,67	3,43	1,68	3,39	1,69	3,32	1,71
	-5,0	4,18	1,72	4,11	1,74	4,04	1,75	4,01	1,76	3,97	1,77	3,90	1,79
	0,0	4,76	1,80	4,69	1,82	4,62	1,83	4,58	1,84	4,55	1,85	4,48	1,87
	6,0	5,45	1,89	5,38	1,91	5,31	1,93	5,24	1,91	5,09	1,85	4,79	1,71
	10,0	5,91	1,96	5,68	1,88	5,38	1,76	5,28	1,70	5,22	1,64	5,07	1,52
	15,0	5,98	1,76	5,70	1,65	5,58	1,55	5,48	1,50	5,36	1,45	5,19	1,34
4,2	-15,0	3,88	1,69	3,81	1,71	3,74	1,72	3,70	1,73	3,67	1,74	3,60	1,76
	-10,0	4,45	1,77	4,38	1,79	4,31	1,80	4,28	1,81	4,24	1,82	4,17	1,84
	-5,0	5,03	1,85	4,96	1,87	4,89	1,88	4,86	1,89	4,82	1,90	4,75	1,92
	0,0	5,61	1,93	5,54	1,95	5,47	1,96	5,43	1,97	5,40	1,98	5,33	2,00
	6,0	6,30	2,02	6,23	2,04	6,16	2,06	6,09	2,04	5,94	1,98	5,64	1,84
	10,0	6,76	2,09	6,53	2,01	6,23	1,89	6,13	1,83	6,07	1,77	5,92	1,65
	15,0	6,83	1,89	6,55	1,78	6,43	1,68	6,33	1,63	6,21	1,58	6,04	1,47
5,0	-15,0	5,93	2,81	5,82	2,83	5,72	2,85	5,67	2,86	5,62	2,87	5,52	2,90
	-10,0	6,76	2,91	6,66	2,93	6,56	2,95	6,51	2,96	6,46	2,98	6,35	3,00
	-5,0	7,60	3,01	7,50	3,03	7,40	3,06	7,35	3,07	7,26	3,05	6,93	2,90
	0,0	8,25	2,99	7,92	2,87	7,59	2,74	7,43	2,68	7,41	2,62	7,36	2,50
	6,0	8,75	2,59	8,35	2,49	7,75	2,39	7,68	2,34	7,59	2,29	7,51	2,19
	10,0	9,13	2,40	8,74	2,31	7,88	2,23	7,75	2,18	7,64	2,14	7,60	2,05
	15,0	9,37	2,22	9,11	2,14	7,98	2,06	7,91	2,03	7,78	1,99	7,72	1,91

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
6,0	-15,0	7,05	3,28	6,94	3,30	6,84	3,32	6,79	3,33	6,74	3,34	6,64	3,37
	-10,0	7,88	3,38	7,78	3,40	7,68	3,42	7,63	3,43	7,58	3,45	7,47	3,47
	-5,0	8,72	3,48	8,62	3,50	8,52	3,53	8,47	3,54	8,38	3,52	8,05	3,37
	0,0	9,37	3,46	9,04	3,34	8,71	3,21	8,55	3,15	8,53	3,09	8,48	2,97
	6,0	9,87	3,06	9,47	2,96	8,87	2,86	8,80	2,81	8,71	2,76	8,63	2,66
	10,0	10,25	2,87	9,86	2,78	9,00	2,70	8,87	2,65	8,76	2,61	8,72	2,52
	15,0	10,49	2,69	10,23	2,61	9,10	2,53	9,03	2,50	8,90	2,46	8,84	2,38
7,1	-15,0	7,56	3,43	7,45	3,45	7,35	3,47	7,30	3,48	7,25	3,49	7,15	3,52
	-10,0	8,39	3,53	8,29	3,55	8,19	3,57	8,14	3,58	8,09	3,60	7,98	3,62
	-5,0	9,23	3,63	9,13	3,65	9,03	3,68	8,98	3,69	8,89	3,67	8,56	3,52
	0,0	9,88	3,61	9,55	3,49	9,22	3,36	9,06	3,30	9,04	3,24	8,99	3,12
	6,0	10,38	3,21	9,98	3,11	9,38	3,01	9,31	2,96	9,22	2,91	9,14	2,81
	10,0	10,76	3,02	10,37	2,93	9,51	2,85	9,38	2,80	9,27	2,76	9,23	2,67
	15,0	11,00	2,84	10,74	2,76	9,61	2,68	9,54	2,65	9,41	2,61	9,35	2,53
1.5+1.5	-15,0	2,92	1,06	2,83	1,08	2,73	1,10	2,68	1,10	2,64	1,11	2,54	1,13
	-10,0	3,69	1,14	3,60	1,16	3,50	1,17	3,46	1,18	3,41	1,19	3,32	1,21
	-5,0	4,47	1,22	4,37	1,23	4,28	1,25	4,23	1,26	4,18	1,27	4,09	1,28
	0,0	5,24	1,29	5,15	1,31	5,05	1,33	5,00	1,34	4,96	1,34	4,86	1,36
	6,0	6,17	1,39	6,07	1,40	5,98	1,42	5,93	1,43	5,89	1,44	5,79	1,45
	10,0	6,79	1,45	6,69	1,46	6,60	1,48	6,55	1,49	6,50	1,50	6,41	1,52
	15,0	7,56	1,52	7,47	1,54	7,37	1,56	7,32	1,57	7,28	1,58	7,18	1,59
1.5+2.0	-15,0	2,92	1,06	2,83	1,08	2,73	1,10	2,68	1,10	2,64	1,11	2,54	1,13
	-10,0	3,69	1,14	3,60	1,16	3,50	1,17	3,46	1,18	3,41	1,19	3,32	1,21
	-5,0	4,47	1,22	4,37	1,23	4,28	1,25	4,23	1,26	4,18	1,27	4,09	1,28
	0,0	5,24	1,29	5,15	1,31	5,05	1,33	5,00	1,34	4,96	1,34	4,86	1,36
	6,0	6,17	1,39	6,07	1,40	5,98	1,42	5,93	1,43	5,89	1,44	5,79	1,45
	10,0	6,79	1,45	6,69	1,46	6,60	1,48	6,55	1,49	6,50	1,50	6,41	1,52
	15,0	7,56	1,52	7,47	1,54	7,37	1,56	7,32	1,57	7,28	1,58	7,18	1,59
1.5+2.5	-15,0	4,70	1,65	4,61	1,67	4,51	1,69	4,46	1,69	4,42	1,70	4,32	1,72
	-10,0	5,47	1,73	5,38	1,75	5,28	1,76	5,24	1,77	5,19	1,78	5,10	1,80
	-5,0	6,25	1,81	6,15	1,82	6,06	1,84	6,01	1,85	5,96	1,86	5,87	1,87
	0,0	7,02	1,88	6,93	1,90	6,83	1,92	6,78	1,93	6,74	1,93	6,64	1,95
	6,0	7,95	1,98	7,85	1,99	7,76	2,01	7,71	2,02	7,67	2,03	7,57	2,04
	10,0	8,57	2,04	8,47	2,05	8,38	2,07	8,33	2,08	8,28	2,09	8,19	2,11
	15,0	9,34	2,11	9,25	2,13	9,15	2,15	9,10	2,16	9,06	2,17	8,96	2,18
1.5+3.5	-15,0	3,95	1,64	3,83	1,67	3,71	1,69	3,66	1,70	3,60	1,72	3,48	1,74
	-10,0	4,91	1,76	4,80	1,79	4,68	1,81	4,62	1,83	4,56	1,84	4,44	1,87
	-5,0	5,88	1,88	5,76	1,91	5,64	1,93	5,58	1,95	5,52	1,96	5,41	1,99
	0,0	6,84	2,00	6,72	2,03	6,60	2,05	6,55	2,07	6,49	2,08	6,37	2,11
	6,0	8,00	2,15	7,88	2,17	7,76	2,20	7,70	2,21	7,64	2,23	7,52	2,25
	10,0	8,77	2,24	8,65	2,27	8,53	2,30	8,47	2,31	8,41	2,32	8,27	2,33
	15,0	9,73	2,36	9,61	2,39	9,44	2,38	9,15	2,24	8,86	2,10	8,29	1,84

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104178A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+7.1	-15,0	6,71	2,19	6,56	2,22	6,41	2,24	6,33	2,26	6,26	2,27	6,11	2,30
	-10,0	7,94	2,31	7,79	2,34	7,64	2,37	7,56	2,38	7,49	2,39	7,34	2,42
	-5,0	9,16	2,44	9,01	2,46	8,86	2,49	8,79	2,50	8,71	2,52	8,56	2,54
	0,0	10,39	2,56	10,24	2,59	10,09	2,61	10,01	2,63	9,94	2,65	9,79	2,67
	6,0	11,86	2,71	11,71	2,73	11,56	2,76	11,49	2,77	11,41	2,79	11,26	2,81
	10,0	12,84	2,80	12,69	2,83	12,54	2,86	12,47	2,87	12,39	2,89	12,24	2,91
	15,0	14,07	2,93	13,92	2,95	13,77	2,98	13,69	3,00	13,62	3,01	13,47	3,04
2.0+2.0+2.5+2.5	-15,0	6,60	2,39	6,46	2,42	6,32	2,44	6,25	2,46	6,18	2,47	6,04	2,49
	-10,0	7,75	2,51	7,61	2,53	7,47	2,56	7,40	2,57	7,33	2,58	7,19	2,61
	-5,0	8,90	2,62	8,76	2,65	8,62	2,67	8,55	2,68	8,48	2,69	8,34	2,72
	0,0	10,05	2,73	9,91	2,76	9,77	2,78	9,70	2,80	9,63	2,81	9,49	2,83
	6,0	11,43	2,87	11,29	2,90	11,15	2,92	11,08	2,93	11,01	2,94	10,87	2,97
	10,0	12,35	2,96	12,21	2,99	12,07	3,01	12,00	3,02	11,93	3,04	11,79	3,06
	15,0	13,50	3,07	13,36	3,10	13,22	3,12	13,15	3,14	13,08	3,15	12,94	3,17
2.0+2.0+2.5+3.5	-15,0	6,37	2,34	6,22	2,37	6,07	2,39	6,00	2,41	5,92	2,42	5,77	2,45
	-10,0	7,58	2,46	7,43	2,49	7,28	2,52	7,21	2,53	7,13	2,55	6,99	2,57
	-5,0	8,79	2,59	8,64	2,59	8,51	2,64	8,42	2,66	8,35	2,67	8,20	2,70
	0,0	10,00	2,71	9,85	2,74	9,71	2,77	9,63	2,78	9,56	2,80	9,41	2,82
	6,0	11,46	2,87	11,31	2,89	11,16	2,92	11,09	2,93	11,01	2,95	10,86	2,97
	10,0	12,43	2,97	12,28	2,99	12,13	3,02	12,06	3,03	11,98	3,05	11,83	3,07
	15,0	13,64	3,09	13,49	3,12	13,34	3,15	13,27	3,16	13,19	3,17	13,04	3,20
2.0+2.0+2.5+4.2	-15,0	6,38	2,33	6,23	2,36	6,08	2,38	6,01	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,45	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	7,00	2,56
	-5,0	8,80	2,58	8,65	2,58	8,52	2,63	8,43	2,65	8,36	2,66	8,21	2,69
	0,0	10,01	2,70	9,86	2,73	9,72	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,14	13,28	3,15	13,20	3,16	13,05	3,19
2.0+2.0+2.5+5.0	-15,0	6,44	2,30	6,29	2,33	6,14	2,35	6,06	2,37	5,99	2,38	5,84	2,41
	-10,0	7,67	2,42	7,52	2,45	7,37	2,48	7,29	2,49	7,22	2,50	7,07	2,53
	-5,0	8,89	2,55	8,74	2,57	8,59	2,60	8,52	2,61	8,44	2,63	8,29	2,65
	0,0	10,12	2,67	9,97	2,70	9,82	2,72	9,74	2,74	9,67	2,76	9,52	2,78
	6,0	11,59	2,82	11,44	2,84	11,29	2,87	11,22	2,88	11,14	2,90	10,99	2,92
	10,0	12,57	2,91	12,42	2,94	12,27	2,97	12,20	2,98	12,12	3,00	11,97	3,02
	15,0	13,80	3,04	13,65	3,06	13,50	3,09	13,42	3,11	13,35	3,12	13,20	3,15
2.0+2.0+2.5+6.0	-15,0	6,68	2,21	6,53	2,24	6,38	2,26	6,30	2,28	6,23	2,29	6,08	2,32
	-10,0	7,91	2,33	7,76	2,36	7,61	2,39	7,53	2,40	7,46	2,41	7,31	2,44
	-5,0	9,13	2,46	8,98	2,48	8,83	2,51	8,76	2,52	8,68	2,54	8,53	2,56
	0,0	10,36	2,58	10,21	2,61	10,06	2,63	9,98	2,65	9,91	2,67	9,76	2,69
	6,0	11,83	2,73	11,68	2,75	11,53	2,78	11,46	2,79	11,38	2,81	11,23	2,83
	10,0	12,81	2,82	12,66	2,85	12,51	2,88	12,44	2,89	12,36	2,91	12,21	2,93
	15,0	14,04	2,95	13,89	2,97	13,74	3,00	13,66	3,02	13,59	3,03	13,44	3,06

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.5+7.1	-15,0	6,71	2,19	6,56	2,22	6,41	2,24	6,33	2,26	6,26	2,27	6,11	2,30
	-10,0	7,94	2,31	7,79	2,34	7,64	2,37	7,56	2,38	7,49	2,39	7,34	2,42
	-5,0	9,16	2,44	9,01	2,46	8,86	2,49	8,79	2,50	8,71	2,52	8,56	2,54
	0,0	10,39	2,56	10,24	2,59	10,09	2,61	10,01	2,63	9,94	2,65	9,79	2,67
	6,0	11,86	2,71	11,71	2,73	11,56	2,76	11,49	2,77	11,41	2,79	11,26	2,81
	10,0	12,84	2,80	12,69	2,83	12,54	2,86	12,47	2,87	12,39	2,89	12,24	2,91
	15,0	14,07	2,93	13,92	2,95	13,77	2,98	13,69	3,00	13,62	3,01	13,47	3,04
2.0+2.0+3.5+3.5	-15,0	6,37	2,33	6,22	2,36	6,08	2,39	6,00	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,46	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	6,99	2,57
	-5,0	8,80	2,58	8,65	2,61	8,50	2,64	8,43	2,65	8,35	2,66	8,21	2,69
	0,0	10,01	2,71	9,86	2,73	9,71	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,13	13,28	3,15	13,20	3,16	13,06	3,19
2.0+2.0+3.5+4.2	-15,0	6,37	2,33	6,22	2,36	6,08	2,39	6,00	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,46	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	6,99	2,57
	-5,0	8,80	2,58	8,65	2,61	8,50	2,64	8,43	2,65	8,35	2,66	8,21	2,69
	0,0	10,01	2,71	9,86	2,73	9,71	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,13	13,28	3,15	13,20	3,16	13,06	3,19
2.0+2.0+3.5+5.0	-15,0	6,45	2,29	6,29	2,32	6,14	2,34	6,07	2,36	5,99	2,37	5,84	2,40
	-10,0	7,67	2,41	7,52	2,44	7,37	2,47	7,30	2,48	7,22	2,49	7,07	2,52
	-5,0	8,90	2,54	8,75	2,56	8,60	2,59	8,52	2,60	8,45	2,62	8,30	2,64
	0,0	10,13	2,66	9,98	2,69	9,83	2,71	9,75	2,73	9,68	2,74	9,53	2,77
	6,0	11,60	2,81	11,45	2,83	11,30	2,86	11,22	2,87	11,15	2,89	11,00	2,91
	10,0	12,58	2,90	12,43	2,93	12,28	2,96	12,21	2,97	12,13	2,99	11,98	3,01
	15,0	13,81	3,03	13,66	3,05	13,51	3,08	13,43	3,09	13,36	3,11	13,21	3,13
2.0+2.0+3.5+6.0	-15,0	6,69	2,20	6,53	2,23	6,38	2,25	6,31	2,27	6,23	2,28	6,08	2,31
	-10,0	7,91	2,32	7,76	2,35	7,61	2,38	7,54	2,39	7,46	2,40	7,31	2,43
	-5,0	9,14	2,45	8,99	2,47	8,84	2,50	8,76	2,51	8,69	2,53	8,54	2,55
	0,0	10,37	2,57	10,22	2,60	10,07	2,62	9,99	2,64	9,92	2,65	9,77	2,68
	6,0	11,84	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,24	2,82
	10,0	12,82	2,81	12,67	2,84	12,52	2,87	12,45	2,88	12,37	2,90	12,22	2,92
	15,0	14,05	2,94	13,90	2,96	13,75	2,99	13,67	3,00	13,60	3,02	13,45	3,04
2.0+2.0+3.5+7.1	-15,0	6,73	2,19	6,57	2,22	6,42	2,24	6,35	2,26	6,27	2,27	6,12	2,30
	-10,0	7,95	2,31	7,80	2,34	7,65	2,37	7,58	2,38	7,50	2,39	7,35	2,42
	-5,0	9,18	2,44	9,03	2,46	8,88	2,49	8,80	2,50	8,73	2,52	8,58	2,54
	0,0	10,41	2,56	10,26	2,59	10,11	2,61	10,03	2,63	9,96	2,64	9,81	2,67
	6,0	11,88	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,28	2,81
	10,0	12,86	2,80	12,71	2,83	12,56	2,86	12,49	2,87	12,41	2,89	12,26	2,91
	15,0	14,09	2,93	13,94	2,95	13,79	2,98	13,71	2,99	13,64	3,01	13,49	3,03

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104242A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+4.2+4.2	-15,0	6,38	2,33	6,23	2,36	6,09	2,39	6,01	2,40	5,94	2,41	5,79	2,44
	-10,0	7,60	2,46	7,45	2,48	7,30	2,51	7,23	2,52	7,15	2,54	7,00	2,57
	-5,0	8,81	2,58	8,66	2,61	8,51	2,64	8,44	2,65	8,36	2,66	8,22	2,69
	0,0	10,02	2,71	9,87	2,73	9,72	2,76	9,65	2,77	9,58	2,79	9,43	2,81
	6,0	11,48	2,86	11,33	2,88	11,18	2,91	11,11	2,92	11,03	2,94	10,88	2,96
	10,0	12,45	2,96	12,30	2,98	12,15	3,01	12,08	3,02	12,00	3,04	11,85	3,06
	15,0	13,66	3,08	13,51	3,11	13,36	3,13	13,29	3,15	13,21	3,16	13,07	3,19
2.0+2.0+4.2+5.0	-15,0	6,47	2,29	6,31	2,32	6,16	2,34	6,09	2,36	6,01	2,37	5,86	2,40
	-10,0	7,69	2,41	7,54	2,44	7,39	2,47	7,32	2,48	7,24	2,49	7,09	2,52
	-5,0	8,92	2,54	8,77	2,56	8,62	2,59	8,54	2,60	8,47	2,62	8,32	2,64
	0,0	10,15	2,66	10,00	2,69	9,85	2,71	9,77	2,73	9,70	2,74	9,55	2,77
	6,0	11,62	2,81	11,47	2,83	11,32	2,86	11,24	2,87	11,17	2,89	11,02	2,91
	10,0	12,60	2,90	12,45	2,93	12,30	2,96	12,23	2,97	12,15	2,99	12,00	3,01
	15,0	13,83	3,03	13,68	3,05	13,53	3,08	13,45	3,09	13,38	3,11	13,23	3,13
2.0+2.0+4.2+6.0	-15,0	6,70	2,20	6,54	2,23	6,39	2,25	6,32	2,27	6,24	2,28	6,09	2,31
	-10,0	7,92	2,32	7,77	2,35	7,62	2,38	7,55	2,39	7,47	2,40	7,32	2,43
	-5,0	9,15	2,45	9,00	2,47	8,85	2,50	8,77	2,51	8,70	2,53	8,55	2,55
	0,0	10,38	2,57	10,23	2,60	10,08	2,62	10,00	2,64	9,93	2,65	9,78	2,68
	6,0	11,85	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,25	2,82
	10,0	12,83	2,81	12,68	2,84	12,53	2,87	12,46	2,88	12,38	2,90	12,23	2,92
	15,0	14,06	2,94	13,91	2,96	13,76	2,99	13,68	3,00	13,61	3,02	13,46	3,04
2.0+2.0+4.2+7.1	-15,0	6,74	2,19	6,58	2,22	6,43	2,24	6,36	2,26	6,28	2,27	6,13	2,30
	-10,0	7,96	2,31	7,81	2,34	7,66	2,37	7,59	2,38	7,51	2,39	7,36	2,42
	-5,0	9,19	2,44	9,04	2,46	8,89	2,49	8,81	2,50	8,74	2,52	8,59	2,54
	0,0	10,42	2,56	10,27	2,59	10,12	2,61	10,04	2,63	9,97	2,64	9,82	2,67
	6,0	11,89	2,71	11,74	2,73	11,59	2,76	11,51	2,77	11,44	2,79	11,29	2,81
	10,0	12,87	2,80	12,72	2,83	12,57	2,86	12,50	2,87	12,42	2,89	12,27	2,91
	15,0	14,10	2,93	13,95	2,95	13,80	2,98	13,72	2,99	13,65	3,01	13,50	3,03
2.0+2.0+5.0+5.0	-15,0	6,53	2,25	6,38	2,28	6,23	2,30	6,15	2,32	6,08	2,33	5,92	2,36
	-10,0	7,78	2,37	7,62	2,40	7,47	2,42	7,40	2,44	7,32	2,45	7,17	2,48
	-5,0	9,02	2,49	8,87	2,52	8,71	2,54	8,64	2,56	8,56	2,57	8,41	2,60
	0,0	10,26	2,61	10,11	2,64	9,96	2,67	9,88	2,68	9,81	2,69	9,65	2,72
	6,0	11,75	2,76	11,60	2,78	11,45	2,81	11,37	2,82	11,30	2,84	11,15	2,86
	10,0	12,75	2,85	12,60	2,88	12,44	2,91	12,37	2,92	12,29	2,93	12,14	2,96
	15,0	13,99	2,97	13,84	3,00	13,69	3,03	13,61	3,04	13,54	3,05	13,38	3,08
2.0+2.0+5.0+6.0	-15,0	6,76	2,22	6,61	2,25	6,46	2,27	6,38	2,29	6,31	2,30	6,15	2,33
	-10,0	8,01	2,34	7,85	2,37	7,70	2,39	7,63	2,41	7,55	2,42	7,40	2,45
	-5,0	9,25	2,46	9,10	2,49	8,94	2,51	8,87	2,53	8,79	2,54	8,64	2,57
	0,0	10,49	2,58	10,34	2,61	10,19	2,64	10,11	2,65	10,04	2,66	9,88	2,69
	6,0	11,98	2,73	11,83	2,75	11,68	2,78	11,60	2,79	11,53	2,81	11,38	2,83
	10,0	12,98	2,82	12,83	2,85	12,67	2,88	12,60	2,89	12,52	2,90	12,37	2,93
	15,0	14,22	2,94	14,07	2,97	13,92	3,00	13,84	3,01	13,77	3,02	13,61	3,05

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+2.5+2.5	-15,0	6,60	2,39	6,46	2,42	6,32	2,44	6,25	2,46	6,18	2,47	6,04	2,49
	-10,0	7,75	2,51	7,61	2,53	7,47	2,56	7,40	2,57	7,33	2,58	7,19	2,61
	-5,0	8,90	2,62	8,76	2,65	8,62	2,67	8,55	2,68	8,48	2,69	8,34	2,72
	0,0	10,05	2,73	9,91	2,76	9,77	2,78	9,70	2,80	9,63	2,81	9,49	2,83
	6,0	11,43	2,87	11,29	2,90	11,15	2,92	11,08	2,93	11,01	2,94	10,87	2,97
	10,0	12,35	2,96	12,21	2,99	12,07	3,01	12,00	3,02	11,93	3,04	11,79	3,06
	15,0	13,50	3,07	13,36	3,10	13,22	3,12	13,15	3,14	13,08	3,15	12,94	3,17
2.0+2.5+2.5+3.5	-15,0	6,37	2,34	6,22	2,37	6,07	2,39	6,00	2,41	5,92	2,42	5,77	2,45
	-10,0	7,58	2,46	7,43	2,49	7,28	2,52	7,21	2,53	7,13	2,55	6,99	2,57
	-5,0	8,79	2,59	8,64	2,59	8,51	2,64	8,42	2,66	8,35	2,67	8,20	2,70
	0,0	10,00	2,71	9,85	2,74	9,71	2,77	9,63	2,78	9,56	2,80	9,41	2,82
	6,0	11,46	2,87	11,31	2,89	11,16	2,92	11,09	2,93	11,01	2,95	10,86	2,97
	10,0	12,43	2,97	12,28	2,99	12,13	3,02	12,06	3,03	11,98	3,05	11,83	3,07
	15,0	13,64	3,09	13,49	3,12	13,34	3,15	13,27	3,16	13,19	3,17	13,04	3,20
2.0+2.5+2.5+4.2	-15,0	6,38	2,33	6,23	2,36	6,08	2,38	6,01	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,45	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	7,00	2,56
	-5,0	8,80	2,58	8,65	2,58	8,52	2,63	8,43	2,65	8,36	2,66	8,21	2,69
	0,0	10,01	2,70	9,86	2,73	9,72	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,14	13,28	3,15	13,20	3,16	13,05	3,19
2.0+2.5+2.5+5.0	-15,0	6,44	2,30	6,29	2,33	6,14	2,35	6,06	2,37	5,99	2,38	5,84	2,41
	-10,0	7,67	2,42	7,52	2,45	7,37	2,48	7,29	2,49	7,22	2,50	7,07	2,53
	-5,0	8,89	2,55	8,74	2,57	8,59	2,60	8,52	2,61	8,44	2,63	8,29	2,65
	0,0	10,12	2,67	9,97	2,70	9,82	2,72	9,74	2,74	9,67	2,76	9,52	2,78
	6,0	11,59	2,82	11,44	2,84	11,29	2,87	11,22	2,88	11,14	2,90	10,99	2,92
	10,0	12,57	2,91	12,42	2,94	12,27	2,97	12,20	2,98	12,12	3,00	11,97	3,02
	15,0	13,80	3,04	13,65	3,06	13,50	3,09	13,42	3,11	13,35	3,12	13,20	3,15
2.0+2.5+2.5+6.0	-15,0	6,68	2,21	6,53	2,24	6,38	2,26	6,30	2,28	6,23	2,29	6,08	2,32
	-10,0	7,91	2,33	7,76	2,36	7,61	2,39	7,53	2,40	7,46	2,41	7,31	2,44
	-5,0	9,13	2,46	8,98	2,48	8,83	2,51	8,76	2,52	8,68	2,54	8,53	2,56
	0,0	10,36	2,58	10,21	2,61	10,06	2,63	9,98	2,65	9,91	2,67	9,76	2,69
	6,0	11,83	2,73	11,68	2,75	11,53	2,78	11,46	2,79	11,38	2,81	11,23	2,83
	10,0	12,81	2,82	12,66	2,85	12,51	2,88	12,44	2,89	12,36	2,91	12,21	2,93
	15,0	14,04	2,95	13,89	2,97	13,74	3,00	13,66	3,02	13,59	3,03	13,44	3,06
2.0+2.5+2.5+7.1	-15,0	6,71	2,19	6,56	2,22	6,41	2,24	6,33	2,26	6,26	2,27	6,11	2,30
	-10,0	7,94	2,31	7,79	2,34	7,64	2,37	7,56	2,38	7,49	2,39	7,34	2,42
	-5,0	9,16	2,44	9,01	2,46	8,86	2,49	8,79	2,50	8,71	2,52	8,56	2,54
	0,0	10,39	2,56	10,24	2,59	10,09	2,61	10,01	2,63	9,94	2,65	9,79	2,67
	6,0	11,86	2,71	11,71	2,73	11,56	2,76	11,49	2,77	11,41	2,79	11,26	2,81
	10,0	12,84	2,80	12,69	2,83	12,54	2,86	12,47	2,87	12,39	2,89	12,24	2,91
	15,0	14,07	2,93	13,92	2,95	13,77	2,98	13,69	3,00	13,62	3,01	13,47	3,04

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104243A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+3.5+3.5	-15,0	6,37	2,33	6,22	2,36	6,08	2,39	6,00	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,46	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	6,99	2,57
	-5,0	8,80	2,58	8,65	2,61	8,50	2,64	8,43	2,65	8,35	2,66	8,21	2,69
	0,0	10,01	2,71	9,86	2,73	9,71	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,13	13,28	3,15	13,20	3,16	13,06	3,19
2.0+2.5+3.5+4.2	-15,0	6,37	2,33	6,22	2,36	6,08	2,39	6,00	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,46	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	6,99	2,57
	-5,0	8,80	2,58	8,65	2,61	8,50	2,64	8,43	2,65	8,35	2,66	8,21	2,69
	0,0	10,01	2,71	9,86	2,73	9,71	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,13	13,28	3,15	13,20	3,16	13,06	3,19
2.0+2.5+3.5+5.0	-15,0	6,45	2,29	6,29	2,32	6,14	2,34	6,07	2,36	5,99	2,37	5,84	2,40
	-10,0	7,67	2,41	7,52	2,44	7,37	2,47	7,30	2,48	7,22	2,49	7,07	2,52
	-5,0	8,90	2,54	8,75	2,56	8,60	2,59	8,52	2,60	8,45	2,62	8,30	2,64
	0,0	10,13	2,66	9,98	2,69	9,83	2,71	9,75	2,73	9,68	2,74	9,53	2,77
	6,0	11,60	2,81	11,45	2,83	11,30	2,86	11,22	2,87	11,15	2,89	11,00	2,91
	10,0	12,58	2,90	12,43	2,93	12,28	2,96	12,21	2,97	12,13	2,99	11,98	3,01
	15,0	13,81	3,03	13,66	3,05	13,51	3,08	13,43	3,09	13,36	3,11	13,21	3,13
2.0+2.5+3.5+6.0	-15,0	6,69	2,20	6,53	2,23	6,38	2,25	6,31	2,27	6,23	2,28	6,08	2,31
	-10,0	7,91	2,32	7,76	2,35	7,61	2,38	7,54	2,39	7,46	2,40	7,31	2,43
	-5,0	9,14	2,45	8,99	2,47	8,84	2,50	8,76	2,51	8,69	2,53	8,54	2,55
	0,0	10,37	2,57	10,22	2,60	10,07	2,62	9,99	2,64	9,92	2,65	9,77	2,68
	6,0	11,84	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,24	2,82
	10,0	12,82	2,81	12,67	2,84	12,52	2,87	12,45	2,88	12,37	2,90	12,22	2,92
	15,0	14,05	2,94	13,90	2,96	13,75	2,99	13,67	3,00	13,60	3,02	13,45	3,04
2.0+2.5+3.5+7.1	-15,0	6,73	2,19	6,57	2,22	6,42	2,24	6,35	2,26	6,27	2,27	6,12	2,30
	-10,0	7,95	2,31	7,80	2,34	7,65	2,37	7,58	2,38	7,50	2,39	7,35	2,42
	-5,0	9,18	2,44	9,03	2,46	8,88	2,49	8,80	2,50	8,73	2,52	8,58	2,54
	0,0	10,41	2,56	10,26	2,59	10,11	2,61	10,03	2,63	9,96	2,64	9,81	2,67
	6,0	11,88	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,28	2,81
	10,0	12,86	2,80	12,71	2,83	12,56	2,86	12,49	2,87	12,41	2,89	12,26	2,91
	15,0	14,09	2,93	13,94	2,95	13,79	2,98	13,71	2,99	13,64	3,01	13,49	3,03
2.0+2.5+4.2+4.2	-15,0	6,38	2,33	6,23	2,36	6,09	2,39	6,01	2,40	5,94	2,41	5,79	2,44
	-10,0	7,60	2,46	7,45	2,48	7,30	2,51	7,23	2,52	7,15	2,54	7,00	2,57
	-5,0	8,81	2,58	8,66	2,61	8,51	2,64	8,44	2,65	8,36	2,66	8,22	2,69
	0,0	10,02	2,71	9,87	2,73	9,72	2,76	9,65	2,77	9,58	2,79	9,43	2,81
	6,0	11,48	2,86	11,33	2,88	11,18	2,91	11,11	2,92	11,03	2,94	10,88	2,96
	10,0	12,45	2,96	12,30	2,98	12,15	3,01	12,08	3,02	12,00	3,04	11,85	3,06
	15,0	13,66	3,08	13,51	3,11	13,36	3,13	13,29	3,15	13,21	3,16	13,07	3,19

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+4.2+5.0	-15,0	6,47	2,29	6,31	2,32	6,16	2,34	6,09	2,36	6,01	2,37	5,86	2,40
	-10,0	7,69	2,41	7,54	2,44	7,39	2,47	7,32	2,48	7,24	2,49	7,09	2,52
	-5,0	8,92	2,54	8,77	2,56	8,62	2,59	8,54	2,60	8,47	2,62	8,32	2,64
	0,0	10,15	2,66	10,00	2,69	9,85	2,71	9,77	2,73	9,70	2,74	9,55	2,77
	6,0	11,62	2,81	11,47	2,83	11,32	2,86	11,24	2,87	11,17	2,89	11,02	2,91
	10,0	12,60	2,90	12,45	2,93	12,30	2,96	12,23	2,97	12,15	2,99	12,00	3,01
	15,0	13,83	3,03	13,68	3,05	13,53	3,08	13,45	3,09	13,38	3,11	13,23	3,13
2.0+2.5+4.2+6.0	-15,0	6,70	2,20	6,54	2,23	6,39	2,25	6,32	2,27	6,24	2,28	6,09	2,31
	-10,0	7,92	2,32	7,77	2,35	7,62	2,38	7,55	2,39	7,47	2,40	7,32	2,43
	-5,0	9,15	2,45	9,00	2,47	8,85	2,50	8,77	2,51	8,70	2,53	8,55	2,55
	0,0	10,38	2,57	10,23	2,60	10,08	2,62	10,00	2,64	9,93	2,65	9,78	2,68
	6,0	11,85	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,25	2,82
	10,0	12,83	2,81	12,68	2,84	12,53	2,87	12,46	2,88	12,38	2,90	12,23	2,92
	15,0	14,06	2,94	13,91	2,96	13,76	2,99	13,68	3,00	13,61	3,02	13,46	3,04
2.0+2.5+5.0+5.0	-15,0	6,53	2,25	6,38	2,28	6,23	2,30	6,15	2,32	6,08	2,33	5,92	2,36
	-10,0	7,78	2,37	7,62	2,40	7,47	2,42	7,40	2,44	7,32	2,45	7,17	2,48
	-5,0	9,02	2,49	8,87	2,52	8,71	2,54	8,64	2,56	8,56	2,57	8,41	2,60
	0,0	10,26	2,61	10,11	2,64	9,96	2,67	9,88	2,68	9,81	2,69	9,65	2,72
	6,0	11,75	2,76	11,60	2,78	11,45	2,81	11,37	2,82	11,30	2,84	11,15	2,86
	10,0	12,75	2,85	12,60	2,88	12,44	2,91	12,37	2,92	12,29	2,93	12,14	2,96
	15,0	13,99	2,97	13,84	3,00	13,69	3,03	13,61	3,04	13,54	3,05	13,38	3,08
2.0+2.5+5.0+6.0	-15,0	6,76	2,22	6,61	2,25	6,46	2,27	6,38	2,29	6,31	2,30	6,15	2,33
	-10,0	8,01	2,34	7,85	2,37	7,70	2,39	7,63	2,41	7,55	2,42	7,40	2,45
	-5,0	9,25	2,46	9,10	2,49	8,94	2,51	8,87	2,53	8,79	2,54	8,64	2,57
	0,0	10,49	2,58	10,34	2,61	10,19	2,64	10,11	2,65	10,04	2,66	9,88	2,69
	6,0	11,98	2,73	11,83	2,75	11,68	2,78	11,60	2,79	11,53	2,81	11,38	2,83
	10,0	12,98	2,82	12,83	2,85	12,67	2,88	12,60	2,89	12,52	2,90	12,37	2,93
	15,0	14,22	2,94	14,07	2,97	13,92	3,00	13,84	3,01	13,77	3,02	13,61	3,05
2.0+3.5+3.5+3.5	-15,0	6,37	2,33	6,22	2,36	6,08	2,39	6,00	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,46	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	6,99	2,57
	-5,0	8,80	2,58	8,65	2,61	8,50	2,64	8,43	2,65	8,35	2,66	8,21	2,69
	0,0	10,01	2,71	9,86	2,73	9,71	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,13	13,28	3,15	13,20	3,16	13,06	3,19
2.0+3.5+3.5+4.2	-15,0	6,38	2,33	6,23	2,36	6,09	2,39	6,01	2,40	5,94	2,41	5,79	2,44
	-10,0	7,60	2,46	7,45	2,48	7,30	2,51	7,23	2,52	7,15	2,54	7,00	2,57
	-5,0	8,81	2,58	8,66	2,61	8,51	2,64	8,44	2,65	8,36	2,66	8,22	2,69
	0,0	10,02	2,71	9,87	2,73	9,72	2,76	9,65	2,77	9,58	2,79	9,43	2,81
	6,0	11,48	2,86	11,33	2,88	11,18	2,91	11,11	2,92	11,03	2,94	10,88	2,96
	10,0	12,45	2,96	12,30	2,98	12,15	3,01	12,08	3,02	12,00	3,04	11,85	3,06
	15,0	13,66	3,08	13,51	3,11	13,36	3,13	13,29	3,15	13,21	3,16	13,07	3,19

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104245A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+3.5+3.5+5.0	-15,0	6,46	2,29	6,31	2,32	6,16	2,34	6,08	2,36	6,01	2,37	5,86	2,40
	-10,0	7,69	2,41	7,54	2,44	7,39	2,46	7,31	2,48	7,24	2,49	7,09	2,52
	-5,0	8,92	2,54	8,77	2,56	8,62	2,59	8,54	2,60	8,47	2,62	8,32	2,64
	0,0	10,15	2,66	10,00	2,69	9,85	2,71	9,77	2,73	9,70	2,74	9,55	2,77
	6,0	11,62	2,81	11,47	2,83	11,32	2,86	11,24	2,87	11,17	2,89	11,02	2,91
	10,0	12,60	2,90	12,45	2,93	12,30	2,96	12,23	2,97	12,15	2,99	12,00	3,01
	15,0	13,83	3,03	13,68	3,05	13,53	3,08	13,46	3,09	13,38	3,11	13,23	3,13
2.0+3.5+3.5+6.0	-15,0	6,69	2,20	6,54	2,23	6,39	2,25	6,31	2,27	6,24	2,28	6,09	2,31
	-10,0	7,92	2,32	7,77	2,35	7,62	2,37	7,54	2,39	7,47	2,40	7,32	2,43
	-5,0	9,15	2,45	9,00	2,47	8,85	2,50	8,77	2,51	8,70	2,53	8,55	2,55
	0,0	10,38	2,57	10,23	2,60	10,08	2,62	10,00	2,64	9,93	2,65	9,78	2,68
	6,0	11,85	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,25	2,82
	10,0	12,83	2,81	12,68	2,84	12,53	2,87	12,46	2,88	12,38	2,90	12,23	2,92
	15,0	14,06	2,94	13,91	2,96	13,76	2,99	13,69	3,00	13,61	3,02	13,46	3,04
2.0+3.5+4.2+4.2	-15,0	6,39	2,32	6,24	2,35	6,10	2,38	6,02	2,39	5,95	2,40	5,80	2,43
	-10,0	7,61	2,45	7,46	2,47	7,31	2,50	7,24	2,51	7,16	2,53	7,01	2,56
	-5,0	8,82	2,57	8,67	2,60	8,52	2,63	8,45	2,64	8,37	2,65	8,23	2,68
	0,0	10,03	2,70	9,88	2,72	9,73	2,75	9,66	2,76	9,59	2,78	9,44	2,80
	6,0	11,49	2,85	11,34	2,87	11,19	2,90	11,12	2,91	11,04	2,93	10,89	2,95
	10,0	12,46	2,95	12,31	2,97	12,16	3,00	12,09	3,01	12,01	3,03	11,86	3,05
	15,0	13,67	3,07	13,52	3,10	13,37	3,12	13,30	3,14	13,22	3,15	13,08	3,18
2.0+3.5+4.2+5.0	-15,0	6,47	2,29	6,32	2,32	6,17	2,34	6,09	2,36	6,02	2,37	5,87	2,40
	-10,0	7,70	2,41	7,55	2,44	7,40	2,46	7,32	2,48	7,25	2,49	7,10	2,52
	-5,0	8,93	2,54	8,78	2,56	8,63	2,59	8,55	2,60	8,48	2,62	8,33	2,64
	0,0	10,16	2,66	10,01	2,69	9,86	2,71	9,78	2,73	9,71	2,74	9,56	2,77
	6,0	11,63	2,81	11,48	2,83	11,33	2,86	11,25	2,87	11,18	2,89	11,03	2,91
	10,0	12,61	2,90	12,46	2,93	12,31	2,96	12,24	2,97	12,16	2,99	12,01	3,01
	15,0	13,84	3,03	13,69	3,05	13,54	3,08	13,47	3,09	13,39	3,11	13,24	3,13
2.0+3.5+5.0+5.0	-15,0	6,53	2,25	6,38	2,28	6,23	2,30	6,15	2,32	6,08	2,33	5,92	2,36
	-10,0	7,78	2,37	7,62	2,40	7,47	2,42	7,40	2,44	7,32	2,45	7,17	2,48
	-5,0	9,02	2,49	8,87	2,52	8,71	2,54	8,64	2,56	8,56	2,57	8,41	2,60
	0,0	10,26	2,61	10,11	2,64	9,96	2,67	9,88	2,68	9,81	2,69	9,65	2,72
	6,0	11,75	2,76	11,60	2,78	11,45	2,81	11,37	2,82	11,30	2,84	11,15	2,86
	10,0	12,75	2,85	12,60	2,88	12,44	2,91	12,37	2,92	12,29	2,93	12,14	2,96
	15,0	13,99	2,97	13,84	3,00	13,69	3,03	13,61	3,04	13,54	3,05	13,38	3,08
2.0+4.2+4.2+4.2	-15,0	6,40	2,32	6,25	2,35	6,11	2,38	6,03	2,39	5,96	2,40	5,81	2,43
	-10,0	7,62	2,45	7,47	2,47	7,32	2,50	7,25	2,51	7,17	2,53	7,02	2,56
	-5,0	8,83	2,57	8,68	2,60	8,53	2,63	8,46	2,64	8,38	2,65	8,24	2,68
	0,0	10,04	2,70	9,89	2,72	9,74	2,75	9,67	2,76	9,60	2,78	9,45	2,80
	6,0	11,50	2,85	11,35	2,87	11,20	2,90	11,13	2,91	11,05	2,93	10,90	2,95
	10,0	12,47	2,95	12,32	2,97	12,17	3,00	12,10	3,01	12,02	3,03	11,87	3,05
	15,0	13,68	3,07	13,53	3,10	13,38	3,12	13,31	3,14	13,23	3,15	13,09	3,18

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+4.2+4.2+5.0	-15,0	6,48	2,28	6,33	2,31	6,18	2,33	6,10	2,35	6,03	2,36	5,88	2,39
	-10,0	7,71	2,40	7,56	2,43	7,41	2,45	7,33	2,47	7,26	2,48	7,11	2,51
	-5,0	8,94	2,53	8,79	2,55	8,64	2,58	8,56	2,59	8,49	2,61	8,34	2,63
	0,0	10,17	2,65	10,02	2,68	9,87	2,70	9,79	2,72	9,72	2,73	9,57	2,76
	6,0	11,64	2,80	11,49	2,82	11,34	2,85	11,26	2,86	11,19	2,88	11,04	2,90
	10,0	12,62	2,89	12,47	2,92	12,32	2,95	12,25	2,96	12,17	2,98	12,02	3,00
	15,0	13,85	3,02	13,70	3,04	13,55	3,07	13,48	3,08	13,40	3,10	13,25	3,12
2.5+2.5+2.5+2.5	-15,0	6,60	2,39	6,46	2,42	6,32	2,44	6,25	2,46	6,18	2,47	6,04	2,49
	-10,0	7,75	2,51	7,61	2,53	7,47	2,56	7,40	2,57	7,33	2,58	7,19	2,61
	-5,0	8,90	2,62	8,76	2,65	8,62	2,67	8,55	2,68	8,48	2,69	8,34	2,72
	0,0	10,05	2,73	9,91	2,76	9,77	2,78	9,70	2,80	9,63	2,81	9,49	2,83
	6,0	11,43	2,87	11,29	2,90	11,15	2,92	11,08	2,93	11,01	2,94	10,87	2,97
	10,0	12,35	2,96	12,21	2,99	12,07	3,01	12,00	3,02	11,93	3,04	11,79	3,06
	15,0	13,50	3,07	13,36	3,10	13,22	3,12	13,15	3,14	13,08	3,15	12,94	3,17
2.5+2.5+2.5+3.5	-15,0	6,37	2,34	6,22	2,37	6,07	2,39	6,00	2,41	5,92	2,42	5,77	2,45
	-10,0	7,58	2,46	7,43	2,49	7,28	2,52	7,21	2,53	7,13	2,55	6,99	2,57
	-5,0	8,79	2,59	8,64	2,59	8,51	2,64	8,42	2,66	8,35	2,67	8,20	2,70
	0,0	10,00	2,71	9,85	2,74	9,71	2,77	9,63	2,78	9,56	2,80	9,41	2,82
	6,0	11,46	2,87	11,31	2,89	11,16	2,92	11,09	2,93	11,01	2,95	10,86	2,97
	10,0	12,43	2,97	12,28	2,99	12,13	3,02	12,06	3,03	11,98	3,05	11,83	3,07
	15,0	13,64	3,09	13,49	3,12	13,34	3,15	13,27	3,16	13,19	3,17	13,04	3,20
2.5+2.5+2.5+4.2	-15,0	6,38	2,33	6,23	2,36	6,08	2,38	6,01	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,45	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	7,00	2,56
	-5,0	8,80	2,58	8,65	2,58	8,52	2,63	8,43	2,65	8,36	2,66	8,21	2,69
	0,0	10,01	2,70	9,86	2,73	9,72	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,14	13,28	3,15	13,20	3,16	13,05	3,19
2.5+2.5+2.5+5.0	-15,0	6,44	2,30	6,29	2,33	6,14	2,35	6,06	2,37	5,99	2,38	5,84	2,41
	-10,0	7,67	2,42	7,52	2,45	7,37	2,48	7,29	2,49	7,22	2,50	7,07	2,53
	-5,0	8,89	2,55	8,74	2,57	8,59	2,60	8,52	2,61	8,44	2,63	8,29	2,65
	0,0	10,12	2,67	9,97	2,70	9,82	2,72	9,74	2,74	9,67	2,76	9,52	2,78
	6,0	11,59	2,82	11,44	2,84	11,29	2,87	11,22	2,88	11,14	2,90	10,99	2,92
	10,0	12,57	2,91	12,42	2,94	12,27	2,97	12,20	2,98	12,12	3,00	11,97	3,02
	15,0	13,80	3,04	13,65	3,06	13,50	3,09	13,42	3,11	13,35	3,12	13,20	3,15
2.5+2.5+2.5+6.0	-15,0	6,68	2,21	6,53	2,24	6,38	2,26	6,30	2,28	6,23	2,29	6,08	2,32
	-10,0	7,91	2,33	7,76	2,36	7,61	2,39	7,53	2,40	7,46	2,41	7,31	2,44
	-5,0	9,13	2,46	8,98	2,48	8,83	2,51	8,76	2,52	8,68	2,54	8,53	2,56
	0,0	10,36	2,58	10,21	2,61	10,06	2,63	9,98	2,65	9,91	2,67	9,76	2,69
	6,0	11,83	2,73	11,68	2,75	11,53	2,78	11,46	2,79	11,38	2,81	11,23	2,83
	10,0	12,81	2,82	12,66	2,85	12,51	2,88	12,44	2,89	12,36	2,91	12,21	2,93
	15,0	14,04	2,95	13,89	2,97	13,74	3,00	13,66	3,02	13,59	3,03	13,44	3,06

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104246A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+2.5+2.5+7.1	-15,0	6,71	2,19	6,56	2,22	6,41	2,24	6,33	2,26	6,26	2,27	6,11	2,30
	-10,0	7,94	2,31	7,79	2,34	7,64	2,37	7,56	2,38	7,49	2,39	7,34	2,42
	-5,0	9,16	2,44	9,01	2,46	8,86	2,49	8,79	2,50	8,71	2,52	8,56	2,54
	0,0	10,39	2,56	10,24	2,59	10,09	2,61	10,01	2,63	9,94	2,65	9,79	2,67
	6,0	11,86	2,71	11,71	2,73	11,56	2,76	11,49	2,77	11,41	2,79	11,26	2,81
	10,0	12,84	2,80	12,69	2,83	12,54	2,86	12,47	2,87	12,39	2,89	12,24	2,91
	15,0	14,07	2,93	13,92	2,95	13,77	2,98	13,69	3,00	13,62	3,01	13,47	3,04
2.5+2.5+3.5+3.5	-15,0	6,37	2,33	6,22	2,36	6,08	2,39	6,00	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,46	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	6,99	2,57
	-5,0	8,80	2,58	8,65	2,61	8,50	2,64	8,43	2,65	8,35	2,66	8,21	2,69
	0,0	10,01	2,71	9,86	2,73	9,71	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,13	13,28	3,15	13,20	3,16	13,06	3,19
2.5+2.5+3.5+4.2	-15,0	6,37	2,33	6,22	2,36	6,08	2,39	6,00	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,46	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	6,99	2,57
	-5,0	8,80	2,58	8,65	2,61	8,50	2,64	8,43	2,65	8,35	2,66	8,21	2,69
	0,0	10,01	2,71	9,86	2,73	9,71	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,13	13,28	3,15	13,20	3,16	13,06	3,19
2.5+2.5+3.5+5.0	-15,0	6,45	2,29	6,29	2,32	6,14	2,34	6,07	2,36	5,99	2,37	5,84	2,40
	-10,0	7,67	2,41	7,52	2,44	7,37	2,47	7,30	2,48	7,22	2,49	7,07	2,52
	-5,0	8,90	2,54	8,75	2,56	8,60	2,59	8,52	2,60	8,45	2,62	8,30	2,64
	0,0	10,13	2,66	9,98	2,69	9,83	2,71	9,75	2,73	9,68	2,74	9,53	2,77
	6,0	11,60	2,81	11,45	2,83	11,30	2,86	11,22	2,87	11,15	2,89	11,00	2,91
	10,0	12,58	2,90	12,43	2,93	12,28	2,96	12,21	2,97	12,13	2,99	11,98	3,01
	15,0	13,81	3,03	13,66	3,05	13,51	3,08	13,43	3,09	13,36	3,11	13,21	3,13
2.5+2.5+3.5+6.0	-15,0	6,69	2,20	6,53	2,23	6,38	2,25	6,31	2,27	6,23	2,28	6,08	2,31
	-10,0	7,91	2,32	7,76	2,35	7,61	2,38	7,54	2,39	7,46	2,40	7,31	2,43
	-5,0	9,14	2,45	8,99	2,47	8,84	2,50	8,76	2,51	8,69	2,53	8,54	2,55
	0,0	10,37	2,57	10,22	2,60	10,07	2,62	9,99	2,64	9,92	2,65	9,77	2,68
	6,0	11,84	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,24	2,82
	10,0	12,82	2,81	12,67	2,84	12,52	2,87	12,45	2,88	12,37	2,90	12,22	2,92
	15,0	14,05	2,94	13,90	2,96	13,75	2,99	13,67	3,00	13,60	3,02	13,45	3,04
2.5+2.5+3.5+7.1	-15,0	6,73	2,19	6,57	2,22	6,42	2,24	6,35	2,26	6,27	2,27	6,12	2,30
	-10,0	7,95	2,31	7,80	2,34	7,65	2,37	7,58	2,38	7,50	2,39	7,35	2,42
	-5,0	9,18	2,44	9,03	2,46	8,88	2,49	8,80	2,50	8,73	2,52	8,58	2,54
	0,0	10,41	2,56	10,26	2,59	10,11	2,61	10,03	2,63	9,96	2,64	9,81	2,67
	6,0	11,88	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,28	2,81
	10,0	12,86	2,80	12,71	2,83	12,56	2,86	12,49	2,87	12,41	2,89	12,26	2,91
	15,0	14,09	2,93	13,94	2,95	13,79	2,98	13,71	2,99	13,64	3,01	13,49	3,03

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+2.5+4.2+4.2	-15,0	6,38	2,33	6,23	2,36	6,09	2,39	6,01	2,40	5,94	2,41	5,79	2,44
	-10,0	7,60	2,46	7,45	2,48	7,30	2,51	7,23	2,52	7,15	2,54	7,00	2,57
	-5,0	8,81	2,58	8,66	2,61	8,51	2,64	8,44	2,65	8,36	2,66	8,22	2,69
	0,0	10,02	2,71	9,87	2,73	9,72	2,76	9,65	2,77	9,58	2,79	9,43	2,81
	6,0	11,48	2,86	11,33	2,88	11,18	2,91	11,11	2,92	11,03	2,94	10,88	2,96
	10,0	12,45	2,96	12,30	2,98	12,15	3,01	12,08	3,02	12,00	3,04	11,85	3,06
	15,0	13,66	3,08	13,51	3,11	13,36	3,13	13,29	3,15	13,21	3,16	13,07	3,19
2.5+2.5+4.2+5.0	-15,0	6,47	2,29	6,31	2,32	6,16	2,34	6,09	2,36	6,01	2,37	5,86	2,40
	-10,0	7,69	2,41	7,54	2,44	7,39	2,47	7,32	2,48	7,24	2,49	7,09	2,52
	-5,0	8,92	2,54	8,77	2,56	8,62	2,59	8,54	2,60	8,47	2,62	8,32	2,64
	0,0	10,15	2,66	10,00	2,69	9,85	2,71	9,77	2,73	9,70	2,74	9,55	2,77
	6,0	11,62	2,81	11,47	2,83	11,32	2,86	11,24	2,87	11,17	2,89	11,02	2,91
	10,0	12,60	2,90	12,45	2,93	12,30	2,96	12,23	2,97	12,15	2,99	12,00	3,01
	15,0	13,83	3,03	13,68	3,05	13,53	3,08	13,45	3,09	13,38	3,11	13,23	3,13
2.5+2.5+4.2+6.0	-15,0	6,70	2,20	6,54	2,23	6,39	2,25	6,32	2,27	6,24	2,28	6,09	2,31
	-10,0	7,92	2,32	7,77	2,35	7,62	2,38	7,55	2,39	7,47	2,40	7,32	2,43
	-5,0	9,15	2,45	9,00	2,47	8,85	2,50	8,77	2,51	8,70	2,53	8,55	2,55
	0,0	10,38	2,57	10,23	2,60	10,08	2,62	10,00	2,64	9,93	2,65	9,78	2,68
	6,0	11,85	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,25	2,82
	10,0	12,83	2,81	12,68	2,84	12,53	2,87	12,46	2,88	12,38	2,90	12,23	2,92
	15,0	14,06	2,94	13,91	2,96	13,76	2,99	13,68	3,00	13,61	3,02	13,46	3,04
2.5+2.5+5.0+5.0	-15,0	6,53	2,25	6,38	2,28	6,23	2,30	6,15	2,32	6,08	2,33	5,92	2,36
	-10,0	7,78	2,37	7,62	2,40	7,47	2,42	7,40	2,44	7,32	2,45	7,17	2,48
	-5,0	9,02	2,49	8,87	2,52	8,71	2,54	8,64	2,56	8,56	2,57	8,41	2,60
	0,0	10,26	2,61	10,11	2,64	9,96	2,67	9,88	2,68	9,81	2,69	9,65	2,72
	6,0	11,75	2,76	11,60	2,78	11,45	2,81	11,37	2,82	11,30	2,84	11,15	2,86
	10,0	12,75	2,85	12,60	2,88	12,44	2,91	12,37	2,92	12,29	2,93	12,14	2,96
	15,0	13,99	2,97	13,84	3,00	13,69	3,03	13,61	3,04	13,54	3,05	13,38	3,08
2.5+3.5+3.5+3.5	-15,0	6,37	2,33	6,22	2,36	6,08	2,39	6,00	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,46	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	6,99	2,57
	-5,0	8,80	2,58	8,65	2,61	8,50	2,64	8,43	2,65	8,35	2,66	8,21	2,69
	0,0	10,01	2,71	9,86	2,73	9,71	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,13	13,28	3,15	13,20	3,16	13,06	3,19
2.5+3.5+3.5+4.2	-15,0	6,38	2,33	6,23	2,36	6,09	2,39	6,01	2,40	5,94	2,41	5,79	2,44
	-10,0	7,60	2,46	7,45	2,48	7,30	2,51	7,23	2,52	7,15	2,54	7,00	2,57
	-5,0	8,81	2,58	8,66	2,61	8,51	2,64	8,44	2,65	8,36	2,66	8,22	2,69
	0,0	10,02	2,71	9,87	2,73	9,72	2,76	9,65	2,77	9,58	2,79	9,43	2,81
	6,0	11,48	2,86	11,33	2,88	11,18	2,91	11,11	2,92	11,03	2,94	10,88	2,96
	10,0	12,45	2,96	12,30	2,98	12,15	3,01	12,08	3,02	12,00	3,04	11,85	3,06
	15,0	13,66	3,08	13,51	3,11	13,36	3,13	13,29	3,15	13,21	3,16	13,07	3,19

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104248A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+3.5+3.5+5.0	-15,0	6,46	2,29	6,31	2,32	6,16	2,34	6,08	2,36	6,01	2,37	5,86	2,40
	-10,0	7,69	2,41	7,54	2,44	7,39	2,46	7,31	2,48	7,24	2,49	7,09	2,52
	-5,0	8,92	2,54	8,77	2,56	8,62	2,59	8,54	2,60	8,47	2,62	8,32	2,64
	0,0	10,15	2,66	10,00	2,69	9,85	2,71	9,77	2,73	9,70	2,74	9,55	2,77
	6,0	11,62	2,81	11,47	2,83	11,32	2,86	11,24	2,87	11,17	2,89	11,02	2,91
	10,0	12,60	2,90	12,45	2,93	12,30	2,96	12,23	2,97	12,15	2,99	12,00	3,01
	15,0	13,83	3,03	13,68	3,05	13,53	3,08	13,46	3,09	13,38	3,11	13,23	3,13
2.5+3.5+3.5+6.0	-15,0	6,69	2,20	6,54	2,23	6,39	2,25	6,31	2,27	6,24	2,28	6,09	2,31
	-10,0	7,92	2,32	7,77	2,35	7,62	2,37	7,54	2,39	7,47	2,40	7,32	2,43
	-5,0	9,15	2,45	9,00	2,47	8,85	2,50	8,77	2,51	8,70	2,53	8,55	2,55
	0,0	10,38	2,57	10,23	2,60	10,08	2,62	10,00	2,64	9,93	2,65	9,78	2,68
	6,0	11,85	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,25	2,82
	10,0	12,83	2,81	12,68	2,84	12,53	2,87	12,46	2,88	12,38	2,90	12,23	2,92
	15,0	14,06	2,94	13,91	2,96	13,76	2,99	13,69	3,00	13,61	3,02	13,46	3,04
2.5+3.5+4.2+4.2	-15,0	6,39	2,32	6,24	2,35	6,10	2,38	6,02	2,39	5,95	2,40	5,80	2,43
	-10,0	7,61	2,45	7,46	2,47	7,31	2,50	7,24	2,51	7,16	2,53	7,01	2,56
	-5,0	8,82	2,57	8,67	2,60	8,52	2,63	8,45	2,64	8,37	2,65	8,23	2,68
	0,0	10,03	2,70	9,88	2,72	9,73	2,75	9,66	2,76	9,59	2,78	9,44	2,80
	6,0	11,49	2,85	11,34	2,87	11,19	2,90	11,12	2,91	11,04	2,93	10,89	2,95
	10,0	12,46	2,95	12,31	2,97	12,16	3,00	12,09	3,01	12,01	3,03	11,86	3,05
	15,0	13,67	3,07	13,52	3,10	13,37	3,12	13,30	3,14	13,22	3,15	13,08	3,18
2.5+3.5+4.2+5.0	-15,0	6,47	2,29	6,32	2,32	6,17	2,34	6,09	2,36	6,02	2,37	5,87	2,40
	-10,0	7,70	2,41	7,55	2,44	7,40	2,46	7,32	2,48	7,25	2,49	7,10	2,52
	-5,0	8,93	2,54	8,78	2,56	8,63	2,59	8,55	2,60	8,48	2,62	8,33	2,64
	0,0	10,16	2,66	10,01	2,69	9,86	2,71	9,78	2,73	9,71	2,74	9,56	2,77
	6,0	11,63	2,81	11,48	2,83	11,33	2,86	11,25	2,87	11,18	2,89	11,03	2,91
	10,0	12,61	2,90	12,46	2,93	12,31	2,96	12,24	2,97	12,16	2,99	12,01	3,01
	15,0	13,84	3,03	13,69	3,05	13,54	3,08	13,47	3,09	13,39	3,11	13,24	3,13
2.5+4.2+4.2+4.2	-15,0	6,40	2,32	6,25	2,35	6,11	2,38	6,03	2,39	5,96	2,40	5,81	2,43
	-10,0	7,62	2,45	7,47	2,47	7,32	2,50	7,25	2,51	7,17	2,53	7,02	2,56
	-5,0	8,83	2,57	8,68	2,60	8,53	2,63	8,46	2,64	8,38	2,65	8,24	2,68
	0,0	10,04	2,70	9,89	2,72	9,74	2,75	9,67	2,76	9,60	2,78	9,45	2,80
	6,0	11,50	2,85	11,35	2,87	11,20	2,90	11,13	2,91	11,05	2,93	10,90	2,95
	10,0	12,47	2,95	12,32	2,97	12,17	3,00	12,10	3,01	12,02	3,03	11,87	3,05
	15,0	13,68	3,07	13,53	3,10	13,38	3,12	13,31	3,14	13,23	3,15	13,09	3,18
3.5+3.5+3.5+5.0	-15,0	6,38	2,33	6,23	2,36	6,08	2,39	6,01	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,46	7,44	2,48	7,30	2,51	7,22	2,52	7,15	2,54	7,00	2,57
	-5,0	8,81	2,58	8,66	2,61	8,51	2,64	8,44	2,65	8,36	2,66	8,21	2,69
	0,0	10,02	2,71	9,87	2,73	9,72	2,76	9,65	2,77	9,57	2,79	9,43	2,81
	6,0	11,48	2,86	11,33	2,88	11,18	2,91	11,11	2,92	11,03	2,94	10,88	2,96
	10,0	12,45	2,96	12,30	2,98	12,15	3,01	12,08	3,02	12,00	3,04	11,85	3,06
	15,0	13,66	3,08	13,51	3,11	13,36	3,13	13,29	3,15	13,22	3,16	13,07	3,19

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+3.5+3.5+4.2	-15,0	6,39	2,32	6,24	2,35	6,09	2,38	6,02	2,39	5,94	2,40	5,79	2,43
	-10,0	7,60	2,45	7,45	2,47	7,31	2,50	7,23	2,51	7,16	2,53	7,01	2,56
	-5,0	8,82	2,57	8,67	2,60	8,52	2,63	8,45	2,64	8,37	2,65	8,22	2,68
	0,0	10,03	2,70	9,88	2,72	9,73	2,75	9,66	2,76	9,58	2,78	9,44	2,80
	6,0	11,49	2,85	11,34	2,87	11,19	2,90	11,12	2,91	11,04	2,93	10,89	2,95
	10,0	12,46	2,95	12,31	2,97	12,16	3,00	12,09	3,01	12,01	3,03	11,86	3,05
	15,0	13,67	3,07	13,52	3,10	13,37	3,12	13,30	3,14	13,23	3,15	13,08	3,18
3.5+3.5+3.5+5.0	-15,0	6,37	2,29	6,22	2,32	6,07	2,34	5,99	2,36	5,91	2,37	5,76	2,40
	-10,0	7,60	2,41	7,45	2,44	7,30	2,47	7,22	2,48	7,14	2,49	6,99	2,52
	-5,0	8,83	2,54	8,68	2,56	8,52	2,59	8,45	2,60	8,37	2,62	8,22	2,64
	0,0	10,06	2,66	9,90	2,69	9,75	2,71	9,68	2,73	9,60	2,74	9,45	2,77
	6,0	11,53	2,81	11,38	2,83	11,33	2,86	11,15	2,87	11,08	2,89	10,93	2,91
	10,0	12,51	2,90	12,36	2,93	12,21	2,96	12,14	2,97	12,06	2,99	11,91	3,01
	15,0	13,74	3,03	13,59	3,05	13,44	3,08	13,37	3,09	13,29	3,11	13,14	3,13
3.5+3.5+4.2+4.2	-15,0	6,40	2,32	6,25	2,35	6,10	2,38	6,03	2,39	5,95	2,40	5,80	2,43
	-10,0	7,61	2,45	7,46	2,47	7,32	2,50	7,24	2,51	7,17	2,53	7,02	2,56
	-5,0	8,83	2,57	8,68	2,60	8,53	2,63	8,46	2,64	8,38	2,65	8,23	2,68
	0,0	10,04	2,70	9,89	2,72	9,74	2,75	9,67	2,76	9,59	2,78	9,45	2,80
	6,0	11,50	2,85	11,35	2,87	11,20	2,90	11,13	2,91	11,05	2,93	10,90	2,95
	10,0	12,47	2,95	12,32	2,97	12,17	3,00	12,10	3,01	12,02	3,03	11,87	3,05
	15,0	13,68	3,07	13,53	3,10	13,38	3,12	13,31	3,14	13,24	3,15	13,09	3,18
1.5+1.5+1.5+1.5+1.5	-15,0	5,94	2,02	5,79	2,04	5,64	2,07	5,56	2,08	5,48	2,10	5,33	2,12
	-10,0	7,20	2,14	7,04	2,16	6,89	2,19	6,81	2,20	6,74	2,22	6,58	2,24
	-5,0	8,45	2,26	8,30	2,28	8,14	2,31	8,07	2,32	7,99	2,33	7,84	2,36
	0,0	9,70	2,38	9,55	2,40	9,40	2,43	9,32	2,44	9,24	2,45	9,09	2,48
	6,0	11,21	2,52	11,05	2,54	10,90	2,57	10,82	2,58	10,75	2,60	10,59	2,62
	10,0	12,21	2,61	12,06	2,64	11,90	2,67	11,83	2,68	11,75	2,69	11,60	2,72
	15,0	13,46	2,73	13,31	2,76	13,16	2,78	13,08	2,80	13,00	2,81	12,85	2,84
1.5+1.5+1.5+1.5+2.0	-15,0	5,94	2,02	5,79	2,04	5,64	2,07	5,56	2,08	5,48	2,10	5,33	2,12
	-10,0	7,20	2,14	7,04	2,16	6,89	2,19	6,81	2,20	6,74	2,22	6,58	2,24
	-5,0	8,45	2,26	8,30	2,28	8,14	2,31	8,07	2,32	7,99	2,33	7,84	2,36
	0,0	9,70	2,38	9,55	2,40	9,40	2,43	9,32	2,44	9,24	2,45	9,09	2,48
	6,0	11,21	2,52	11,05	2,54	10,90	2,57	10,82	2,58	10,75	2,60	10,59	2,62
	10,0	12,21	2,61	12,06	2,64	11,90	2,67	11,83	2,68	11,75	2,69	11,60	2,72
	15,0	13,46	2,73	13,31	2,76	13,16	2,78	13,08	2,80	13,00	2,81	12,85	2,84
1.5+1.5+1.5+1.5+2.5	-15,0	5,94	2,02	5,79	2,04	5,64	2,07	5,56	2,08	5,48	2,10	5,33	2,12
	-10,0	7,20	2,14	7,04	2,16	6,89	2,19	6,81	2,20	6,74	2,22	6,58	2,24
	-5,0	8,45	2,26	8,30	2,28	8,14	2,31	8,07	2,32	7,99	2,33	7,84	2,36
	0,0	9,70	2,38	9,55	2,40	9,40	2,43	9,32	2,44	9,24	2,45	9,09	2,48
	6,0	11,21	2,52	11,05	2,54	10,90	2,57	10,82	2,58	10,75	2,60	10,59	2,62
	10,0	12,21	2,61	12,06	2,64	11,90	2,67	11,83	2,68	11,75	2,69	11,60	2,72
	15,0	13,46	2,73	13,31	2,76	13,16	2,78	13,08	2,80	13,00	2,81	12,85	2,84

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104249A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+1.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+1.5+1.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+1.5+1.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05
1.5+1.5+1.5+1.5+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
1.5+1.5+1.5+1.5+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,55	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95
1.5+1.5+1.5+2.0+2.0	-15,0	5,94	2,02	5,79	2,04	5,64	2,07	5,56	2,08	5,48	2,10	5,33	2,12
	-10,0	7,20	2,14	7,04	2,16	6,89	2,19	6,81	2,20	6,74	2,22	6,58	2,24
	-5,0	8,45	2,26	8,30	2,28	8,14	2,31	8,07	2,32	7,99	2,33	7,84	2,36
	0,0	9,70	2,38	9,55	2,40	9,40	2,43	9,32	2,44	9,24	2,45	9,09	2,48
	6,0	11,21	2,52	11,05	2,54	10,90	2,57	10,82	2,58	10,75	2,60	10,59	2,62
	10,0	12,21	2,61	12,06	2,64	11,90	2,67	11,83	2,68	11,75	2,69	11,60	2,72
	15,0	13,46	2,73	13,31	2,76	13,16	2,78	13,08	2,80	13,00	2,81	12,85	2,84

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+2.0+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
1.5+1.5+1.5+2.0+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+1.5+2.0+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+1.5+2.0+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05
1.5+1.5+1.5+2.0+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
1.5+1.5+1.5+2.0+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,56	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104250A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+2.5+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
1.5+1.5+1.5+2.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+1.5+2.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+1.5+2.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05
1.5+1.5+1.5+2.5+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
1.5+1.5+1.5+2.5+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,55	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,35	2,58	10,20	2,60	10,05	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+1.5+3.5+4.2	-15,0	6,60	2,22	6,45	2,24	6,30	2,27	6,22	2,28	6,14	2,30	5,99	2,32
	-10,0	7,86	2,34	7,70	2,36	7,55	2,39	7,47	2,40	7,40	2,42	7,24	2,44
	-5,0	9,11	2,46	8,96	2,48	8,80	2,51	8,73	2,52	8,65	2,53	8,50	2,56
	0,0	10,36	2,58	10,21	2,60	10,06	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,12	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,66	3,01	13,51	3,04
1.5+1.5+1.5+3.5+5.0	-15,0	6,68	2,22	6,52	2,24	6,36	2,27	6,29	2,28	6,21	2,30	6,05	2,32
	-10,0	7,95	2,34	7,79	2,36	7,63	2,39	7,56	2,40	7,48	2,42	7,32	2,44
	-5,0	9,22	2,46	9,06	2,48	8,91	2,51	8,83	2,52	8,75	2,53	8,59	2,56
	0,0	10,49	2,58	10,33	2,60	10,18	2,63	10,10	2,64	10,02	2,65	9,86	2,68
	6,0	12,01	2,72	11,86	2,74	11,70	2,77	11,62	2,78	11,54	2,80	11,39	2,82
	10,0	13,03	2,81	12,87	2,84	12,72	2,87	12,64	2,88	12,56	2,89	12,41	2,92
	15,0	14,30	2,93	14,14	2,96	13,99	2,98	13,91	3,00	13,83	3,01	13,68	3,04
1.5+1.5+1.5+3.5+6.0	-15,0	6,92	2,14	6,76	2,16	6,60	2,19	6,53	2,20	6,45	2,22	6,29	2,24
	-10,0	8,19	2,26	8,03	2,28	7,87	2,31	7,80	2,32	7,72	2,34	7,56	2,36
	-5,0	9,46	2,38	9,30	2,40	9,15	2,43	9,07	2,44	8,99	2,45	8,83	2,48
	0,0	10,73	2,50	10,57	2,52	10,42	2,55	10,34	2,56	10,26	2,57	10,10	2,60
	6,0	12,25	2,64	12,10	2,66	11,94	2,69	11,86	2,70	11,78	2,72	11,63	2,74
	10,0	13,27	2,73	13,11	2,76	12,96	2,79	12,88	2,80	12,80	2,81	12,65	2,84
	15,0	14,54	2,85	14,38	2,88	14,23	2,90	14,15	2,92	14,07	2,93	13,92	2,96
1.5+1.5+1.5+3.5+7.1	-15,0	6,95	2,13	6,79	2,15	6,63	2,18	6,56	2,19	6,48	2,21	6,32	2,23
	-10,0	8,22	2,25	8,06	2,27	7,90	2,30	7,83	2,31	7,75	2,33	7,59	2,35
	-5,0	9,49	2,37	9,33	2,39	9,18	2,42	9,10	2,43	9,02	2,44	8,86	2,47
	0,0	10,76	2,49	10,60	2,51	10,45	2,54	10,37	2,55	10,29	2,56	10,13	2,59
	6,0	12,28	2,63	12,13	2,65	11,97	2,68	11,89	2,69	11,81	2,71	11,66	2,73
	10,0	13,30	2,72	13,14	2,75	12,99	2,78	12,91	2,79	12,83	2,80	12,68	2,83
	15,0	14,57	2,84	14,41	2,87	14,26	2,89	14,18	2,91	14,10	2,92	13,95	2,95
1.5+1.5+1.5+4.2+4.2	-15,0	6,62	2,21	6,47	2,23	6,32	2,26	6,24	2,27	6,16	2,29	6,01	2,31
	-10,0	7,88	2,33	7,72	2,35	7,57	2,38	7,49	2,39	7,42	2,41	7,26	2,43
	-5,0	9,13	2,45	8,98	2,47	8,82	2,50	8,75	2,51	8,67	2,52	8,52	2,55
	0,0	10,38	2,57	10,23	2,59	10,08	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,14	2,92	13,99	2,95	13,84	2,97	13,76	2,99	13,68	3,00	13,53	3,03

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104251A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+4.2+5.0	-15,0	6,69	2,22	6,53	2,24	6,37	2,27	6,30	2,28	6,22	2,30	6,06	2,32
	-10,0	7,96	2,34	7,80	2,36	7,64	2,39	7,57	2,40	7,49	2,42	7,33	2,44
	-5,0	9,23	2,46	9,07	2,48	8,92	2,51	8,84	2,52	8,76	2,53	8,60	2,56
	0,0	10,50	2,58	10,34	2,60	10,19	2,63	10,11	2,64	10,03	2,65	9,87	2,68
	6,0	12,02	2,72	11,87	2,74	11,71	2,77	11,63	2,78	11,55	2,80	11,40	2,82
	10,0	13,04	2,81	12,88	2,84	12,73	2,87	12,65	2,88	12,57	2,89	12,42	2,92
	15,0	14,31	2,93	14,15	2,96	14,00	2,98	13,92	3,00	13,84	3,01	13,69	3,04
1.5+1.5+1.5+4.2+6.0	-15,0	6,93	2,14	6,77	2,16	6,61	2,19	6,54	2,20	6,46	2,22	6,30	2,24
	-10,0	8,20	2,26	8,04	2,28	7,88	2,31	7,81	2,32	7,73	2,34	7,57	2,36
	-5,0	9,47	2,38	9,31	2,40	9,16	2,43	9,08	2,44	9,00	2,45	8,84	2,48
	0,0	10,74	2,50	10,58	2,52	10,43	2,55	10,35	2,56	10,27	2,57	10,11	2,60
	6,0	12,26	2,64	12,11	2,66	11,95	2,69	11,87	2,70	11,79	2,72	11,64	2,74
	10,0	13,28	2,73	13,12	2,76	12,97	2,79	12,89	2,80	12,81	2,81	12,66	2,84
	15,0	14,55	2,85	14,39	2,88	14,24	2,90	14,16	2,92	14,08	2,93	13,93	2,96
1.5+1.5+1.5+5.0+5.0	-15,0	6,82	2,18	6,66	2,20	6,50	2,23	6,43	2,24	6,35	2,26	6,19	2,28
	-10,0	8,09	2,30	7,93	2,32	7,77	2,35	7,70	2,36	7,62	2,38	7,46	2,40
	-5,0	9,36	2,42	9,20	2,44	9,05	2,47	8,97	2,48	8,89	2,49	8,73	2,52
	0,0	10,63	2,54	10,47	2,56	10,32	2,59	10,24	2,60	10,16	2,61	10,00	2,64
	6,0	12,15	2,68	12,00	2,70	11,84	2,73	11,76	2,74	11,68	2,76	11,53	2,78
	10,0	13,17	2,77	13,01	2,80	12,86	2,83	12,78	2,84	12,70	2,85	12,55	2,88
	15,0	14,44	2,89	14,28	2,92	14,13	2,94	14,05	2,96	13,97	2,97	13,82	3,00
1.5+1.5+1.5+5.0+6.0	-15,0	7,05	2,09	6,89	2,11	6,73	2,14	6,66	2,15	6,58	2,17	6,42	2,19
	-10,0	8,32	2,21	8,16	2,23	8,00	2,26	7,93	2,27	7,85	2,29	7,69	2,31
	-5,0	9,59	2,33	9,43	2,35	9,28	2,38	9,20	2,39	9,12	2,40	8,96	2,43
	0,0	10,86	2,45	10,70	2,47	10,55	2,50	10,47	2,51	10,39	2,52	10,23	2,55
	6,0	12,38	2,59	12,23	2,61	12,07	2,64	11,99	2,65	11,91	2,67	11,76	2,69
	10,0	13,40	2,68	13,24	2,71	13,09	2,74	13,01	2,75	12,93	2,76	12,78	2,79
	15,0	14,67	2,80	14,51	2,83	14,36	2,85	14,28	2,87	14,20	2,88	14,05	2,91
1.5+1.5+2.0+2.0+2.0	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
1.5+1.5+2.0+2.0+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.0+2.0+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+2.0+2.0+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+2.0+2.0+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05
1.5+1.5+2.0+2.0+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
1.5+1.5+2.0+2.0+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,55	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95
1.5+1.5+2.0+2.5+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104252A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.0+2.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+2.0+2.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+2.0+2.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05
1.5+1.5+2.0+2.5+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
1.5+1.5+2.0+2.5+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,55	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95
1.5+1.5+2.0+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,35	2,58	10,20	2,60	10,05	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.0+3.5+4.2	-15,0	6,60	2,22	6,45	2,24	6,30	2,27	6,22	2,28	6,14	2,30	5,99	2,32
	-10,0	7,86	2,34	7,70	2,36	7,55	2,39	7,47	2,40	7,40	2,42	7,24	2,44
	-5,0	9,11	2,46	8,96	2,48	8,80	2,51	8,73	2,52	8,65	2,53	8,50	2,56
	0,0	10,36	2,58	10,21	2,60	10,06	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,12	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,66	3,01	13,51	3,04
1.5+1.5+2.0+3.5+5.0	-15,0	6,68	2,22	6,52	2,24	6,36	2,27	6,29	2,28	6,21	2,30	6,05	2,32
	-10,0	7,95	2,34	7,79	2,36	7,63	2,39	7,56	2,40	7,48	2,42	7,32	2,44
	-5,0	9,22	2,46	9,06	2,48	8,91	2,51	8,83	2,52	8,75	2,53	8,59	2,56
	0,0	10,49	2,58	10,33	2,60	10,18	2,63	10,10	2,64	10,02	2,65	9,86	2,68
	6,0	12,01	2,72	11,86	2,74	11,70	2,77	11,62	2,78	11,54	2,80	11,39	2,82
	10,0	13,03	2,81	12,87	2,84	12,72	2,87	12,64	2,88	12,56	2,89	12,41	2,92
	15,0	14,30	2,93	14,14	2,96	13,99	2,98	13,91	3,00	13,83	3,01	13,68	3,04
1.5+1.5+2.0+3.5+6.0	-15,0	6,92	2,14	6,76	2,16	6,60	2,19	6,53	2,20	6,45	2,22	6,29	2,24
	-10,0	8,19	2,26	8,03	2,28	7,87	2,31	7,80	2,32	7,72	2,34	7,56	2,36
	-5,0	9,46	2,38	9,30	2,40	9,15	2,43	9,07	2,44	8,99	2,45	8,83	2,48
	0,0	10,73	2,50	10,57	2,52	10,42	2,55	10,34	2,56	10,26	2,57	10,10	2,60
	6,0	12,25	2,64	12,10	2,66	11,94	2,69	11,86	2,70	11,78	2,72	11,63	2,74
	10,0	13,27	2,73	13,11	2,76	12,96	2,79	12,88	2,80	12,80	2,81	12,65	2,84
	15,0	14,54	2,85	14,38	2,88	14,23	2,90	14,15	2,92	14,07	2,93	13,92	2,96
1.5+1.5+2.0+3.5+7.1	-15,0	6,95	2,13	6,79	2,15	6,63	2,18	6,56	2,19	6,48	2,21	6,32	2,23
	-10,0	8,22	2,25	8,06	2,27	7,90	2,30	7,83	2,31	7,75	2,33	7,59	2,35
	-5,0	9,49	2,37	9,33	2,39	9,18	2,42	9,10	2,43	9,02	2,44	8,86	2,47
	0,0	10,76	2,49	10,60	2,51	10,45	2,54	10,37	2,55	10,29	2,56	10,13	2,59
	6,0	12,28	2,63	12,13	2,65	11,97	2,68	11,89	2,69	11,81	2,71	11,66	2,73
	10,0	13,30	2,72	13,14	2,75	12,99	2,78	12,91	2,79	12,83	2,80	12,68	2,83
	15,0	14,57	2,84	14,41	2,87	14,26	2,89	14,18	2,91	14,10	2,92	13,95	2,95
1.5+1.5+2.0+4.2+4.2	-15,0	6,62	2,21	6,47	2,23	6,32	2,26	6,24	2,27	6,16	2,29	6,01	2,31
	-10,0	7,88	2,33	7,72	2,35	7,57	2,38	7,49	2,39	7,42	2,41	7,26	2,43
	-5,0	9,13	2,45	8,98	2,47	8,82	2,50	8,75	2,51	8,67	2,52	8,52	2,55
	0,0	10,38	2,57	10,23	2,59	10,08	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,14	2,92	13,99	2,95	13,84	2,97	13,76	2,99	13,68	3,00	13,53	3,03
1.5+1.5+2.0+4.2+5.0	-15,0	6,69	2,22	6,53	2,24	6,37	2,27	6,30	2,28	6,22	2,30	6,06	2,32
	-10,0	7,96	2,34	7,80	2,36	7,64	2,39	7,57	2,40	7,49	2,42	7,33	2,44
	-5,0	9,23	2,46	9,07	2,48	8,92	2,51	8,84	2,52	8,76	2,53	8,60	2,56
	0,0	10,50	2,58	10,34	2,60	10,19	2,63	10,11	2,64	10,03	2,65	9,87	2,68
	6,0	12,02	2,72	11,87	2,74	11,71	2,77	11,63	2,78	11,55	2,80	11,40	2,82
	10,0	13,04	2,81	12,88	2,84	12,73	2,87	12,65	2,88	12,57	2,89	12,42	2,92
	15,0	14,31	2,93	14,15	2,96	14,00	2,98	13,92	3,00	13,84	3,01	13,69	3,04

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104253A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.0+4.2+6.0	-15,0	6,93	2,14	6,77	2,16	6,61	2,19	6,54	2,20	6,46	2,22	6,30	2,24
	-10,0	8,20	2,26	8,04	2,28	7,88	2,31	7,81	2,32	7,73	2,34	7,57	2,36
	-5,0	9,47	2,38	9,31	2,40	9,16	2,43	9,08	2,44	9,00	2,45	8,84	2,48
	0,0	10,74	2,50	10,58	2,52	10,43	2,55	10,35	2,56	10,27	2,57	10,11	2,60
	6,0	12,26	2,64	12,11	2,66	11,95	2,69	11,87	2,70	11,79	2,72	11,64	2,74
	10,0	13,28	2,73	13,12	2,76	12,97	2,79	12,89	2,80	12,81	2,81	12,66	2,84
	15,0	14,55	2,85	14,39	2,88	14,24	2,90	14,16	2,92	14,08	2,93	13,93	2,96
1.5+1.5+2.0+5.0+5.0	-15,0	6,82	2,18	6,66	2,20	6,50	2,23	6,43	2,24	6,35	2,26	6,19	2,28
	-10,0	8,09	2,30	7,93	2,32	7,77	2,35	7,70	2,36	7,62	2,38	7,46	2,40
	-5,0	9,36	2,42	9,20	2,44	9,05	2,47	8,97	2,48	8,89	2,49	8,73	2,52
	0,0	10,63	2,54	10,47	2,56	10,32	2,59	10,24	2,60	10,16	2,61	10,00	2,64
	6,0	12,15	2,68	12,00	2,70	11,84	2,73	11,76	2,74	11,68	2,76	11,53	2,78
	10,0	13,17	2,77	13,01	2,80	12,86	2,83	12,78	2,84	12,70	2,85	12,55	2,88
	15,0	14,44	2,89	14,28	2,92	14,13	2,94	14,05	2,96	13,97	2,97	13,82	3,00
1.5+1.5+2.5+2.5+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
1.5+1.5+2.5+2.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+2.5+2.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+2.5+2.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.5+2.5+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
1.5+1.5+2.5+2.5+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,55	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95
1.5+1.5+2.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,35	2,58	10,20	2,60	10,05	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+2.5+3.5+4.2	-15,0	6,60	2,22	6,45	2,24	6,30	2,27	6,22	2,28	6,14	2,30	5,99	2,32
	-10,0	7,86	2,34	7,70	2,36	7,55	2,39	7,47	2,40	7,40	2,42	7,24	2,44
	-5,0	9,11	2,46	8,96	2,48	8,80	2,51	8,73	2,52	8,65	2,53	8,50	2,56
	0,0	10,36	2,58	10,21	2,60	10,06	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,12	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,66	3,01	13,51	3,04
1.5+1.5+2.5+3.5+5.0	-15,0	6,68	2,22	6,52	2,24	6,36	2,27	6,29	2,28	6,21	2,30	6,05	2,32
	-10,0	7,95	2,34	7,79	2,36	7,63	2,39	7,56	2,40	7,48	2,42	7,32	2,44
	-5,0	9,22	2,46	9,06	2,48	8,91	2,51	8,83	2,52	8,75	2,53	8,59	2,56
	0,0	10,49	2,58	10,33	2,60	10,18	2,63	10,10	2,64	10,02	2,65	9,86	2,68
	6,0	12,01	2,72	11,86	2,74	11,70	2,77	11,62	2,78	11,54	2,80	11,39	2,82
	10,0	13,03	2,81	12,87	2,84	12,72	2,87	12,64	2,88	12,56	2,89	12,41	2,92
	15,0	14,30	2,93	14,14	2,96	13,99	2,98	13,91	3,00	13,83	3,01	13,68	3,04
1.5+1.5+2.5+3.5+6.0	-15,0	6,92	2,14	6,76	2,16	6,60	2,19	6,53	2,20	6,45	2,22	6,29	2,24
	-10,0	8,19	2,26	8,03	2,28	7,87	2,31	7,80	2,32	7,72	2,34	7,56	2,36
	-5,0	9,46	2,38	9,30	2,40	9,15	2,43	9,07	2,44	8,99	2,45	8,83	2,48
	0,0	10,73	2,50	10,57	2,52	10,42	2,55	10,34	2,56	10,26	2,57	10,10	2,60
	6,0	12,25	2,64	12,10	2,66	11,94	2,69	11,86	2,70	11,78	2,72	11,63	2,74
	10,0	13,27	2,73	13,11	2,76	12,96	2,79	12,88	2,80	12,80	2,81	12,65	2,84
	15,0	14,54	2,85	14,38	2,88	14,23	2,90	14,15	2,92	14,07	2,93	13,92	2,96

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104254A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.5+4.2+4.2	-15,0	6,62	2,21	6,47	2,23	6,32	2,26	6,24	2,27	6,16	2,29	6,01	2,31
	-10,0	7,88	2,33	7,72	2,35	7,57	2,38	7,49	2,39	7,42	2,41	7,26	2,43
	-5,0	9,13	2,45	8,98	2,47	8,82	2,50	8,75	2,51	8,67	2,52	8,52	2,55
	0,0	10,38	2,57	10,23	2,59	10,08	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,14	2,92	13,99	2,95	13,84	2,97	13,76	2,99	13,68	3,00	13,53	3,03
1.5+1.5+2.5+4.2+5.0	-15,0	6,69	2,22	6,53	2,24	6,37	2,27	6,30	2,28	6,22	2,30	6,06	2,32
	-10,0	7,96	2,34	7,80	2,36	7,64	2,39	7,57	2,40	7,49	2,42	7,33	2,44
	-5,0	9,23	2,46	9,07	2,48	8,92	2,51	8,84	2,52	8,76	2,53	8,60	2,56
	0,0	10,50	2,58	10,34	2,60	10,19	2,63	10,11	2,64	10,03	2,65	9,87	2,68
	6,0	12,02	2,72	11,87	2,74	11,71	2,77	11,63	2,78	11,55	2,80	11,40	2,82
	10,0	13,04	2,81	12,88	2,84	12,73	2,87	12,65	2,88	12,57	2,89	12,42	2,92
	15,0	14,31	2,93	14,15	2,96	14,00	2,98	13,92	3,00	13,84	3,01	13,69	3,04
1.5+1.5+2.5+5.0+5.0	-15,0	6,82	2,18	6,66	2,20	6,50	2,23	6,43	2,24	6,35	2,26	6,19	2,28
	-10,0	8,09	2,30	7,93	2,32	7,77	2,35	7,70	2,36	7,62	2,38	7,46	2,40
	-5,0	9,36	2,42	9,20	2,44	9,05	2,47	8,97	2,48	8,89	2,49	8,73	2,52
	0,0	10,63	2,54	10,47	2,56	10,32	2,59	10,24	2,60	10,16	2,61	10,00	2,64
	6,0	12,15	2,68	12,00	2,70	11,84	2,73	11,76	2,74	11,68	2,76	11,53	2,78
	10,0	13,17	2,77	13,01	2,80	12,86	2,83	12,78	2,84	12,70	2,85	12,55	2,88
	15,0	14,44	2,89	14,28	2,92	14,13	2,94	14,05	2,96	13,97	2,97	13,82	3,00
1.5+1.5+3.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,70	2,36	7,54	2,39	7,47	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,80	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,36	2,58	10,21	2,60	10,05	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,13	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,67	3,01	13,51	3,04
1.5+1.5+3.5+3.5+4.2	-15,0	6,61	2,21	6,46	2,23	6,31	2,26	6,23	2,27	6,15	2,29	6,00	2,31
	-10,0	7,87	2,33	7,72	2,35	7,56	2,38	7,49	2,39	7,41	2,41	7,25	2,43
	-5,0	9,12	2,45	8,97	2,47	8,82	2,50	8,74	2,51	8,66	2,52	8,51	2,55
	0,0	10,38	2,57	10,23	2,59	10,07	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,15	2,92	13,99	2,95	13,84	2,97	13,76	2,99	13,69	3,00	13,53	3,03
1.5+1.5+3.5+3.5+5.0	-15,0	6,69	2,22	6,53	2,24	6,37	2,27	6,30	2,28	6,22	2,30	6,06	2,32
	-10,0	7,96	2,34	7,80	2,36	7,64	2,39	7,57	2,40	7,49	2,42	7,33	2,44
	-5,0	9,23	2,46	9,07	2,48	8,92	2,51	8,84	2,52	8,76	2,53	8,60	2,56
	0,0	10,50	2,58	10,34	2,60	10,19	2,63	10,11	2,64	10,03	2,65	9,87	2,68
	6,0	12,02	2,72	11,87	2,74	11,71	2,77	11,63	2,78	11,55	2,80	11,40	2,82
	10,0	13,04	2,81	12,88	2,84	12,73	2,87	12,65	2,88	12,57	2,89	12,42	2,92
	15,0	14,31	2,93	14,15	2,96	14,00	2,98	13,92	3,00	13,84	3,01	13,69	3,04

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+3.5+4.2+4.2	-15,0	6,62	2,21	6,47	2,23	6,32	2,26	6,24	2,27	6,16	2,29	6,01	2,31
	-10,0	7,88	2,33	7,73	2,35	7,57	2,38	7,50	2,39	7,42	2,41	7,26	2,43
	-5,0	9,13	2,45	8,98	2,47	8,83	2,50	8,75	2,51	8,67	2,52	8,52	2,55
	0,0	10,39	2,57	10,24	2,59	10,08	2,62	10,01	2,63	9,93	2,64	9,78	2,67
	6,0	11,90	2,71	11,74	2,73	11,59	2,76	11,51	2,77	11,44	2,79	11,28	2,81
	10,0	12,90	2,80	12,75	2,83	12,59	2,86	12,52	2,87	12,44	2,88	12,29	2,91
	15,0	14,16	2,92	14,00	2,95	13,85	2,97	13,77	2,99	13,70	3,00	13,54	3,03
1.5+2.0+2.0+2.0+2.0	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
1.5+2.0+2.0+2.0+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
1.5+2.0+2.0+2.0+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+2.0+2.0+2.0+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+2.0+2.0+2.0+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104256A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.0+2.0+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
1.5+2.0+2.0+2.0+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,55	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95
1.5+2.0+2.0+2.5+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
1.5+2.0+2.0+2.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+2.0+2.0+2.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+2.0+2.0+2.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.0+2.5+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
1.5+2.0+2.0+2.5+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,55	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95
1.5+2.0+2.0+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,35	2,58	10,20	2,60	10,05	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+2.0+2.0+3.5+4.2	-15,0	6,60	2,22	6,45	2,24	6,30	2,27	6,22	2,28	6,14	2,30	5,99	2,32
	-10,0	7,86	2,34	7,70	2,36	7,55	2,39	7,47	2,40	7,40	2,42	7,24	2,44
	-5,0	9,11	2,46	8,96	2,48	8,80	2,51	8,73	2,52	8,65	2,53	8,50	2,56
	0,0	10,36	2,58	10,21	2,60	10,06	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,12	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,66	3,01	13,51	3,04
1.5+2.0+2.0+3.5+5.0	-15,0	6,68	2,22	6,52	2,24	6,36	2,27	6,29	2,28	6,21	2,30	6,05	2,32
	-10,0	7,95	2,34	7,79	2,36	7,63	2,39	7,56	2,40	7,48	2,42	7,32	2,44
	-5,0	9,22	2,46	9,06	2,48	8,91	2,51	8,83	2,52	8,75	2,53	8,59	2,56
	0,0	10,49	2,58	10,33	2,60	10,18	2,63	10,10	2,64	10,02	2,65	9,86	2,68
	6,0	12,01	2,72	11,86	2,74	11,70	2,77	11,62	2,78	11,54	2,80	11,39	2,82
	10,0	13,03	2,81	12,87	2,84	12,72	2,87	12,64	2,88	12,56	2,89	12,41	2,92
	15,0	14,30	2,93	14,14	2,96	13,99	2,98	13,91	3,00	13,83	3,01	13,68	3,04
1.5+2.0+2.0+3.5+6.0	-15,0	6,92	2,14	6,76	2,16	6,60	2,19	6,53	2,20	6,45	2,22	6,29	2,24
	-10,0	8,19	2,26	8,03	2,28	7,87	2,31	7,80	2,32	7,72	2,34	7,56	2,36
	-5,0	9,46	2,38	9,30	2,40	9,15	2,43	9,07	2,44	8,99	2,45	8,83	2,48
	0,0	10,73	2,50	10,57	2,52	10,42	2,55	10,34	2,56	10,26	2,57	10,10	2,60
	6,0	12,25	2,64	12,10	2,66	11,94	2,69	11,86	2,70	11,78	2,72	11,63	2,74
	10,0	13,27	2,73	13,11	2,76	12,96	2,79	12,88	2,80	12,80	2,81	12,65	2,84
	15,0	14,54	2,85	14,38	2,88	14,23	2,90	14,15	2,92	14,07	2,93	13,92	2,96

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104257A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.0+4.2+4.2	-15,0	6,62	2,21	6,47	2,23	6,32	2,26	6,24	2,27	6,16	2,29	6,01	2,31
	-10,0	7,88	2,33	7,72	2,35	7,57	2,38	7,49	2,39	7,42	2,41	7,26	2,43
	-5,0	9,13	2,45	8,98	2,47	8,82	2,50	8,75	2,51	8,67	2,52	8,52	2,55
	0,0	10,38	2,57	10,23	2,59	10,08	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,14	2,92	13,99	2,95	13,84	2,97	13,76	2,99	13,68	3,00	13,53	3,03
1.5+2.0+2.0+4.2+5.0	-15,0	6,69	2,22	6,53	2,24	6,37	2,27	6,30	2,28	6,22	2,30	6,06	2,32
	-10,0	7,96	2,34	7,80	2,36	7,64	2,39	7,57	2,40	7,49	2,42	7,33	2,44
	-5,0	9,23	2,46	9,07	2,48	8,92	2,51	8,84	2,52	8,76	2,53	8,60	2,56
	0,0	10,50	2,58	10,34	2,60	10,19	2,63	10,11	2,64	10,03	2,65	9,87	2,68
	6,0	12,02	2,72	11,87	2,74	11,71	2,77	11,63	2,78	11,55	2,80	11,40	2,82
	10,0	13,04	2,81	12,88	2,84	12,73	2,87	12,65	2,88	12,57	2,89	12,42	2,92
	15,0	14,31	2,93	14,15	2,96	14,00	2,98	13,92	3,00	13,84	3,01	13,69	3,04
1.5+2.0+2.0+5.0+5.0	-15,0	6,82	2,18	6,66	2,20	6,50	2,23	6,43	2,24	6,35	2,26	6,19	2,28
	-10,0	8,09	2,30	7,93	2,32	7,77	2,35	7,70	2,36	7,62	2,38	7,46	2,40
	-5,0	9,36	2,42	9,20	2,44	9,05	2,47	8,97	2,48	8,89	2,49	8,73	2,52
	0,0	10,63	2,54	10,47	2,56	10,32	2,59	10,24	2,60	10,16	2,61	10,00	2,64
	6,0	12,15	2,68	12,00	2,70	11,84	2,73	11,76	2,74	11,68	2,76	11,53	2,78
	10,0	13,17	2,77	13,01	2,80	12,86	2,83	12,78	2,84	12,70	2,85	12,55	2,88
	15,0	14,44	2,89	14,28	2,92	14,13	2,94	14,05	2,96	13,97	2,97	13,82	3,00
1.5+2.0+2.5+2.5+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
1.5+2.0+2.5+2.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+2.0+2.5+2.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.5+2.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05
1.5+2.0+2.5+2.5+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
1.5+2.0+2.5+2.5+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,55	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95
1.5+2.0+2.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,35	2,58	10,20	2,60	10,05	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+2.0+2.5+3.5+4.2	-15,0	6,60	2,22	6,45	2,24	6,30	2,27	6,22	2,28	6,14	2,30	5,99	2,32
	-10,0	7,86	2,34	7,70	2,36	7,55	2,39	7,47	2,40	7,40	2,42	7,24	2,44
	-5,0	9,11	2,46	8,96	2,48	8,80	2,51	8,73	2,52	8,65	2,53	8,50	2,56
	0,0	10,36	2,58	10,21	2,60	10,06	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,12	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,66	3,01	13,51	3,04
1.5+2.0+2.5+3.5+5.0	-15,0	6,68	2,22	6,52	2,24	6,36	2,27	6,29	2,28	6,21	2,30	6,05	2,32
	-10,0	7,95	2,34	7,79	2,36	7,63	2,39	7,56	2,40	7,48	2,42	7,32	2,44
	-5,0	9,22	2,46	9,06	2,48	8,91	2,51	8,83	2,52	8,75	2,53	8,59	2,56
	0,0	10,49	2,58	10,33	2,60	10,18	2,63	10,10	2,64	10,02	2,65	9,86	2,68
	6,0	12,01	2,72	11,86	2,74	11,70	2,77	11,62	2,78	11,54	2,80	11,39	2,82
	10,0	13,03	2,81	12,87	2,84	12,72	2,87	12,64	2,88	12,56	2,89	12,41	2,92
	15,0	14,30	2,93	14,14	2,96	13,99	2,98	13,91	3,00	13,83	3,01	13,68	3,04

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104258A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.5+3.5+6.0	-15,0	6,92	2,14	6,76	2,16	6,60	2,19	6,53	2,20	6,45	2,22	6,29	2,24
	-10,0	8,19	2,26	8,03	2,28	7,87	2,31	7,80	2,32	7,72	2,34	7,56	2,36
	-5,0	9,46	2,38	9,30	2,40	9,15	2,43	9,07	2,44	8,99	2,45	8,83	2,48
	0,0	10,73	2,50	10,57	2,52	10,42	2,55	10,34	2,56	10,26	2,57	10,10	2,60
	6,0	12,25	2,64	12,10	2,66	11,94	2,69	11,86	2,70	11,78	2,72	11,63	2,74
	10,0	13,27	2,73	13,11	2,76	12,96	2,79	12,88	2,80	12,80	2,81	12,65	2,84
	15,0	14,54	2,85	14,38	2,88	14,23	2,90	14,15	2,92	14,07	2,93	13,92	2,96
1.5+2.0+2.5+4.2+4.2	-15,0	6,62	2,21	6,47	2,23	6,32	2,26	6,24	2,27	6,16	2,29	6,01	2,31
	-10,0	7,88	2,33	7,72	2,35	7,57	2,38	7,49	2,39	7,42	2,41	7,26	2,43
	-5,0	9,13	2,45	8,98	2,47	8,82	2,50	8,75	2,51	8,67	2,52	8,52	2,55
	0,0	10,38	2,57	10,23	2,59	10,08	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,14	2,92	13,99	2,95	13,84	2,97	13,76	2,99	13,68	3,00	13,53	3,03
1.5+2.0+2.5+4.2+5.0	-15,0	6,69	2,22	6,53	2,24	6,37	2,27	6,30	2,28	6,22	2,30	6,06	2,32
	-10,0	7,96	2,34	7,80	2,36	7,64	2,39	7,57	2,40	7,49	2,42	7,33	2,44
	-5,0	9,23	2,46	9,07	2,48	8,92	2,51	8,84	2,52	8,76	2,53	8,60	2,56
	0,0	10,50	2,58	10,34	2,60	10,19	2,63	10,11	2,64	10,03	2,65	9,87	2,68
	6,0	12,02	2,72	11,87	2,74	11,71	2,77	11,63	2,78	11,55	2,80	11,40	2,82
	10,0	13,04	2,81	12,88	2,84	12,73	2,87	12,65	2,88	12,57	2,89	12,42	2,92
	15,0	14,31	2,93	14,15	2,96	14,00	2,98	13,92	3,00	13,84	3,01	13,69	3,04
1.5+2.0+3.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,70	2,36	7,54	2,39	7,47	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,80	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,36	2,58	10,21	2,60	10,05	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,13	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,67	3,01	13,51	3,04
1.5+2.0+3.5+3.5+4.2	-15,0	6,61	2,21	6,46	2,23	6,31	2,26	6,23	2,27	6,15	2,29	6,00	2,31
	-10,0	7,87	2,33	7,72	2,35	7,56	2,38	7,49	2,39	7,41	2,41	7,25	2,43
	-5,0	9,12	2,45	8,97	2,47	8,82	2,50	8,74	2,51	8,66	2,52	8,51	2,55
	0,0	10,38	2,57	10,23	2,59	10,07	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,15	2,92	13,99	2,95	13,84	2,97	13,76	2,99	13,69	3,00	13,53	3,03
1.5+2.0+3.5+3.5+5.0	-15,0	6,69	2,22	6,53	2,24	6,37	2,27	6,30	2,28	6,22	2,30	6,06	2,32
	-10,0	7,96	2,34	7,80	2,36	7,64	2,39	7,57	2,40	7,49	2,42	7,33	2,44
	-5,0	9,23	2,46	9,07	2,48	8,92	2,51	8,84	2,52	8,76	2,53	8,60	2,56
	0,0	10,50	2,58	10,34	2,60	10,19	2,63	10,11	2,64	10,03	2,65	9,87	2,68
	6,0	12,02	2,72	11,87	2,74	11,71	2,77	11,63	2,78	11,55	2,80	11,40	2,82
	10,0	13,04	2,81	12,88	2,84	12,73	2,87	12,65	2,88	12,57	2,89	12,42	2,92
	15,0	14,31	2,93	14,15	2,96	14,00	2,98	13,92	3,00	13,84	3,01	13,69	3,04

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+3.5+4.2+4.2	-15,0	6,62	2,21	6,47	2,23	6,32	2,26	6,24	2,27	6,16	2,29	6,01	2,31
	-10,0	7,88	2,33	7,73	2,35	7,57	2,38	7,50	2,39	7,42	2,41	7,26	2,43
	-5,0	9,13	2,45	8,98	2,47	8,83	2,50	8,75	2,51	8,67	2,52	8,52	2,55
	0,0	10,39	2,57	10,24	2,59	10,08	2,62	10,01	2,63	9,93	2,64	9,78	2,67
	6,0	11,90	2,71	11,74	2,73	11,59	2,76	11,51	2,77	11,44	2,79	11,28	2,81
	10,0	12,90	2,80	12,75	2,83	12,59	2,86	12,52	2,87	12,44	2,88	12,29	2,91
	15,0	14,16	2,92	14,00	2,95	13,85	2,97	13,77	2,99	13,70	3,00	13,54	3,03
1.5+2.5+2.5+2.5+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
1.5+2.5+2.5+2.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+2.5+2.5+2.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+2.5+2.5+2.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05
1.5+2.5+2.5+2.5+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104260A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+2.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,35	2,58	10,20	2,60	10,05	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+2.5+2.5+3.5+4.2	-15,0	6,60	2,22	6,45	2,24	6,30	2,27	6,22	2,28	6,14	2,30	5,99	2,32
	-10,0	7,86	2,34	7,70	2,36	7,55	2,39	7,47	2,40	7,40	2,42	7,24	2,44
	-5,0	9,11	2,46	8,96	2,48	8,80	2,51	8,73	2,52	8,65	2,53	8,50	2,56
	0,0	10,36	2,58	10,21	2,60	10,06	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,12	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,66	3,01	13,51	3,04
1.5+2.5+2.5+3.5+5.0	-15,0	6,68	2,22	6,52	2,24	6,36	2,27	6,29	2,28	6,21	2,30	6,05	2,32
	-10,0	7,95	2,34	7,79	2,36	7,63	2,39	7,56	2,40	7,48	2,42	7,32	2,44
	-5,0	9,22	2,46	9,06	2,48	8,91	2,51	8,83	2,52	8,75	2,53	8,59	2,56
	0,0	10,49	2,58	10,33	2,60	10,18	2,63	10,10	2,64	10,02	2,65	9,86	2,68
	6,0	12,01	2,72	11,86	2,74	11,70	2,77	11,62	2,78	11,54	2,80	11,39	2,82
	10,0	13,03	2,81	12,87	2,84	12,72	2,87	12,64	2,88	12,56	2,89	12,41	2,92
	15,0	14,30	2,93	14,14	2,96	13,99	2,98	13,91	3,00	13,83	3,01	13,68	3,04
1.5+2.5+2.5+4.2+4.2	-15,0	6,62	2,21	6,47	2,23	6,32	2,26	6,24	2,27	6,16	2,29	6,01	2,31
	-10,0	7,88	2,33	7,72	2,35	7,57	2,38	7,49	2,39	7,42	2,41	7,26	2,43
	-5,0	9,13	2,45	8,98	2,47	8,82	2,50	8,75	2,51	8,67	2,52	8,52	2,55
	0,0	10,38	2,57	10,23	2,59	10,08	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,14	2,92	13,99	2,95	13,84	2,97	13,76	2,99	13,68	3,00	13,53	3,03
1.5+2.5+3.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,70	2,36	7,54	2,39	7,47	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,80	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,36	2,58	10,21	2,60	10,05	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,13	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,67	3,01	13,51	3,04
1.5+2.5+3.5+3.5+4.2	-15,0	6,61	2,21	6,46	2,23	6,31	2,26	6,23	2,27	6,15	2,29	6,00	2,31
	-10,0	7,87	2,33	7,72	2,35	7,56	2,38	7,49	2,39	7,41	2,41	7,25	2,43
	-5,0	9,12	2,45	8,97	2,47	8,82	2,50	8,74	2,51	8,66	2,52	8,51	2,55
	0,0	10,38	2,57	10,23	2,59	10,07	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,15	2,92	13,99	2,95	13,84	2,97	13,76	2,99	13,69	3,00	13,53	3,03

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+3.5+3.5+3.5+3.5	-15,0	6,61	2,21	6,46	2,23	6,31	2,26	6,23	2,27	6,15	2,29	6,00	2,31
	-10,0	7,87	2,33	7,72	2,35	7,56	2,38	7,49	2,39	7,41	2,41	7,25	2,43
	-5,0	9,12	2,45	8,97	2,47	8,82	2,50	8,74	2,51	8,66	2,52	8,51	2,55
	0,0	10,38	2,57	10,23	2,59	10,07	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,15	2,92	13,99	2,95	13,84	2,98	13,73	3,00	13,65	3,01	13,50	3,03
2.0+2.0+2.0+2.0+2.0	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
2.0+2.0+2.0+2.0+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
2.0+2.0+2.0+2.0+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.0+2.0+2.0+2.0+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.0+2.0+2.0+2.0+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104261A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+2.0+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
2.0+2.0+2.0+2.0+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,55	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95
2.0+2.0+2.0+2.5+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
2.0+2.0+2.0+2.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.0+2.0+2.0+2.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.0+2.0+2.0+2.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+2.5+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
2.0+2.0+2.0+2.5+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,55	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95
2.0+2.0+2.0+3.5+3.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
2.0+2.0+2.0+3.5+4.2	-15,0	6,60	2,22	6,45	2,24	6,30	2,27	6,22	2,28	6,14	2,30	5,99	2,32
	-10,0	7,86	2,34	7,70	2,36	7,55	2,39	7,47	2,40	7,40	2,42	7,24	2,44
	-5,0	9,11	2,46	8,96	2,48	8,80	2,51	8,73	2,52	8,65	2,53	8,50	2,56
	0,0	10,36	2,58	10,21	2,60	10,06	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,12	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,66	3,01	13,51	3,04
2.0+2.0+2.0+3.5+5.0	-15,0	6,68	2,22	6,52	2,24	6,36	2,27	6,29	2,28	6,21	2,30	6,05	2,32
	-10,0	7,95	2,34	7,79	2,36	7,63	2,39	7,56	2,40	7,48	2,42	7,32	2,44
	-5,0	9,22	2,46	9,06	2,48	8,91	2,51	8,83	2,52	8,75	2,53	8,59	2,56
	0,0	10,49	2,58	10,33	2,60	10,18	2,63	10,10	2,64	10,02	2,65	9,86	2,68
	6,0	12,01	2,72	11,86	2,74	11,70	2,77	11,62	2,78	11,54	2,80	11,39	2,82
	10,0	13,03	2,81	12,87	2,84	12,72	2,87	12,64	2,88	12,56	2,89	12,41	2,92
	15,0	14,30	2,93	14,14	2,96	13,99	2,98	13,91	3,00	13,83	3,01	13,68	3,04
2.0+2.0+2.0+3.5+6.0	-15,0	6,92	2,14	6,76	2,16	6,60	2,19	6,53	2,20	6,45	2,22	6,29	2,24
	-10,0	8,19	2,26	8,03	2,28	7,87	2,31	7,80	2,32	7,72	2,34	7,56	2,36
	-5,0	9,46	2,38	9,30	2,40	9,15	2,43	9,07	2,44	8,99	2,45	8,83	2,48
	0,0	10,73	2,50	10,57	2,52	10,42	2,55	10,34	2,56	10,26	2,57	10,10	2,60
	6,0	12,25	2,64	12,10	2,66	11,94	2,69	11,86	2,70	11,78	2,72	11,63	2,74
	10,0	13,27	2,73	13,11	2,76	12,96	2,79	12,88	2,80	12,80	2,81	12,65	2,84
	15,0	14,54	2,85	14,38	2,88	14,23	2,90	14,15	2,92	14,07	2,93	13,92	2,96

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104262A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+4.2+4.2	-15,0	6,62	2,21	6,47	2,23	6,32	2,26	6,24	2,27	6,16	2,29	6,01	2,31
	-10,0	7,88	2,33	7,72	2,35	7,57	2,38	7,49	2,39	7,42	2,41	7,26	2,43
	-5,0	9,13	2,45	8,98	2,47	8,82	2,50	8,75	2,51	8,67	2,52	8,52	2,55
	0,0	10,38	2,57	10,23	2,59	10,08	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,14	2,92	13,99	2,95	13,84	2,97	13,76	2,99	13,68	3,00	13,53	3,03
2.0+2.0+2.0+4.2+5.0	-15,0	6,69	2,28	6,53	2,30	6,37	2,33	6,30	2,34	6,22	2,36	6,06	2,38
	-10,0	7,96	2,40	7,80	2,42	7,64	2,45	7,57	2,46	7,49	2,48	7,33	2,50
	-5,0	9,23	2,52	9,07	2,54	8,92	2,57	8,84	2,58	8,76	2,59	8,60	2,62
	0,0	10,50	2,64	10,34	2,66	10,19	2,69	10,11	2,70	10,03	2,71	9,87	2,74
	6,0	12,02	2,78	11,87	2,80	11,71	2,83	11,63	2,84	11,55	2,86	11,40	2,88
	10,0	13,04	2,87	12,88	2,90	12,73	2,93	12,65	2,94	12,57	2,95	12,42	2,98
	15,0	14,31	2,99	14,15	3,02	14,00	3,04	13,92	3,06	13,84	3,07	13,69	3,10
2.0+2.0+2.5+2.5+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
2.0+2.0+2.5+2.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.0+2.0+2.5+2.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.0+2.0+2.5+2.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.5+2.5+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
2.0+2.0+2.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,35	2,58	10,20	2,60	10,05	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.0+2.0+2.5+3.5+4.2	-15,0	6,60	2,22	6,45	2,24	6,30	2,27	6,22	2,28	6,14	2,30	5,99	2,32
	-10,0	7,86	2,34	7,70	2,36	7,55	2,39	7,47	2,40	7,40	2,42	7,24	2,44
	-5,0	9,11	2,46	8,96	2,48	8,80	2,51	8,73	2,52	8,65	2,53	8,50	2,56
	0,0	10,36	2,58	10,21	2,60	10,06	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,12	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,66	3,01	13,51	3,04
2.0+2.0+2.5+3.5+5.0	-15,0	6,68	2,22	6,52	2,24	6,36	2,27	6,29	2,28	6,21	2,30	6,05	2,32
	-10,0	7,95	2,34	7,79	2,36	7,63	2,39	7,56	2,40	7,48	2,42	7,32	2,44
	-5,0	9,22	2,46	9,06	2,48	8,91	2,51	8,83	2,52	8,75	2,53	8,59	2,56
	0,0	10,49	2,58	10,33	2,60	10,18	2,63	10,10	2,64	10,02	2,65	9,86	2,68
	6,0	12,01	2,72	11,86	2,74	11,70	2,77	11,62	2,78	11,54	2,80	11,39	2,82
	10,0	13,03	2,81	12,87	2,84	12,72	2,87	12,64	2,88	12,56	2,89	12,41	2,92
	15,0	14,30	2,93	14,14	2,96	13,99	2,98	13,91	3,00	13,83	3,01	13,68	3,04
2.0+2.0+2.5+4.2+4.2	-15,0	6,62	2,27	6,47	2,29	6,32	2,32	6,24	2,33	6,16	2,35	6,01	2,37
	-10,0	7,88	2,39	7,72	2,41	7,57	2,44	7,49	2,45	7,42	2,47	7,26	2,49
	-5,0	9,13	2,51	8,98	2,53	8,82	2,56	8,75	2,57	8,67	2,58	8,52	2,61
	0,0	10,38	2,63	10,23	2,65	10,08	2,68	10,00	2,69	9,92	2,70	9,77	2,73
	6,0	11,89	2,77	11,73	2,79	11,58	2,82	11,50	2,83	11,43	2,85	11,27	2,87
	10,0	12,89	2,86	12,74	2,89	12,58	2,92	12,51	2,93	12,43	2,94	12,28	2,97
	15,0	14,14	2,98	13,99	3,01	13,84	3,03	13,76	3,05	13,68	3,06	13,53	3,09
2.0+2.0+3.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,70	2,36	7,54	2,39	7,47	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,80	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,36	2,58	10,21	2,60	10,05	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,13	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,67	3,01	13,51	3,04

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104263A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+3.5+3.5+4.2	-15,0	6,61	2,27	6,46	2,29	6,31	2,32	6,23	2,33	6,15	2,35	6,00	2,37
	-10,0	7,87	2,39	7,72	2,41	7,56	2,44	7,49	2,45	7,41	2,47	7,25	2,49
	-5,0	9,12	2,51	8,97	2,53	8,82	2,56	8,74	2,57	8,66	2,58	8,51	2,61
	0,0	10,38	2,63	10,23	2,65	10,07	2,68	10,00	2,69	9,92	2,70	9,77	2,73
	6,0	11,89	2,77	11,73	2,79	11,58	2,82	11,50	2,83	11,43	2,85	11,27	2,87
	10,0	12,89	2,86	12,74	2,89	12,58	2,92	12,51	2,93	12,43	2,94	12,28	2,97
	15,0	14,15	2,98	13,99	3,01	13,84	3,03	13,76	3,05	13,69	3,06	13,53	3,09
2.0+2.5+2.5+2.5+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
2.0+2.5+2.5+2.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.0+2.5+2.5+2.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.0+2.5+2.5+2.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05
2.0+2.5+2.5+2.5+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+2.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,35	2,58	10,20	2,60	10,05	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.0+2.5+2.5+3.5+4.2	-15,0	6,60	2,22	6,45	2,24	6,30	2,27	6,22	2,28	6,14	2,30	5,99	2,32
	-10,0	7,86	2,34	7,70	2,36	7,55	2,39	7,47	2,40	7,40	2,42	7,24	2,44
	-5,0	9,11	2,46	8,96	2,48	8,80	2,51	8,73	2,52	8,65	2,53	8,50	2,56
	0,0	10,36	2,58	10,21	2,60	10,06	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,12	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,66	3,01	13,51	3,04
2.0+2.5+2.5+3.5+5.0	-15,0	6,68	2,22	6,52	2,24	6,36	2,27	6,29	2,28	6,21	2,30	6,05	2,32
	-10,0	7,95	2,34	7,79	2,36	7,63	2,39	7,56	2,40	7,48	2,42	7,32	2,44
	-5,0	9,22	2,46	9,06	2,48	8,91	2,51	8,83	2,52	8,75	2,53	8,59	2,56
	0,0	10,49	2,58	10,33	2,60	10,18	2,63	10,10	2,64	10,02	2,65	9,86	2,68
	6,0	12,01	2,72	11,86	2,74	11,70	2,77	11,62	2,78	11,54	2,80	11,39	2,82
	10,0	13,03	2,81	12,87	2,84	12,72	2,87	12,64	2,88	12,56	2,89	12,41	2,92
	15,0	14,30	2,93	14,14	2,96	13,99	2,98	13,91	3,00	13,83	3,01	13,68	3,04
2.0+2.5+2.5+4.2+4.2	-15,0	6,62	2,27	6,47	2,29	6,32	2,32	6,24	2,33	6,16	2,35	6,01	2,37
	-10,0	7,88	2,39	7,72	2,41	7,57	2,44	7,49	2,45	7,42	2,47	7,26	2,49
	-5,0	9,13	2,51	8,98	2,53	8,82	2,56	8,75	2,57	8,67	2,58	8,52	2,61
	0,0	10,38	2,63	10,23	2,65	10,08	2,68	10,00	2,69	9,92	2,70	9,77	2,73
	6,0	11,89	2,77	11,73	2,79	11,58	2,82	11,50	2,83	11,43	2,85	11,27	2,87
	10,0	12,89	2,86	12,74	2,89	12,58	2,92	12,51	2,93	12,43	2,94	12,28	2,97
	15,0	14,14	2,98	13,99	3,01	13,84	3,03	13,76	3,05	13,68	3,06	13,53	3,09
2.0+2.5+3.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,70	2,36	7,54	2,39	7,47	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,80	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,36	2,58	10,21	2,60	10,05	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,40	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,13	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,67	3,01	13,51	3,04
2.0+2.5+2.5+2.5+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104265A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+2.5+2.5+2.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.5+2.5+2.5+2.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.5+2.5+2.5+2.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05
2.5+2.5+2.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,35	2,58	10,20	2,60	10,05	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.5+2.5+2.5+3.5+4.2	-15,0	6,60	2,22	6,45	2,24	6,30	2,27	6,22	2,28	6,14	2,30	5,99	2,32
	-10,0	7,86	2,34	7,70	2,36	7,55	2,39	7,47	2,40	7,40	2,42	7,24	2,44
	-5,0	9,11	2,46	8,96	2,48	8,80	2,51	8,73	2,52	8,65	2,53	8,50	2,56
	0,0	10,36	2,58	10,21	2,60	10,06	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,12	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,66	3,01	13,51	3,04
2.5+2.5+3.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,70	2,36	7,54	2,39	7,47	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,80	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,36	2,58	10,21	2,60	10,05	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,13	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,67	3,01	13,51	3,04

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.5,3.5,4.2,5.0 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

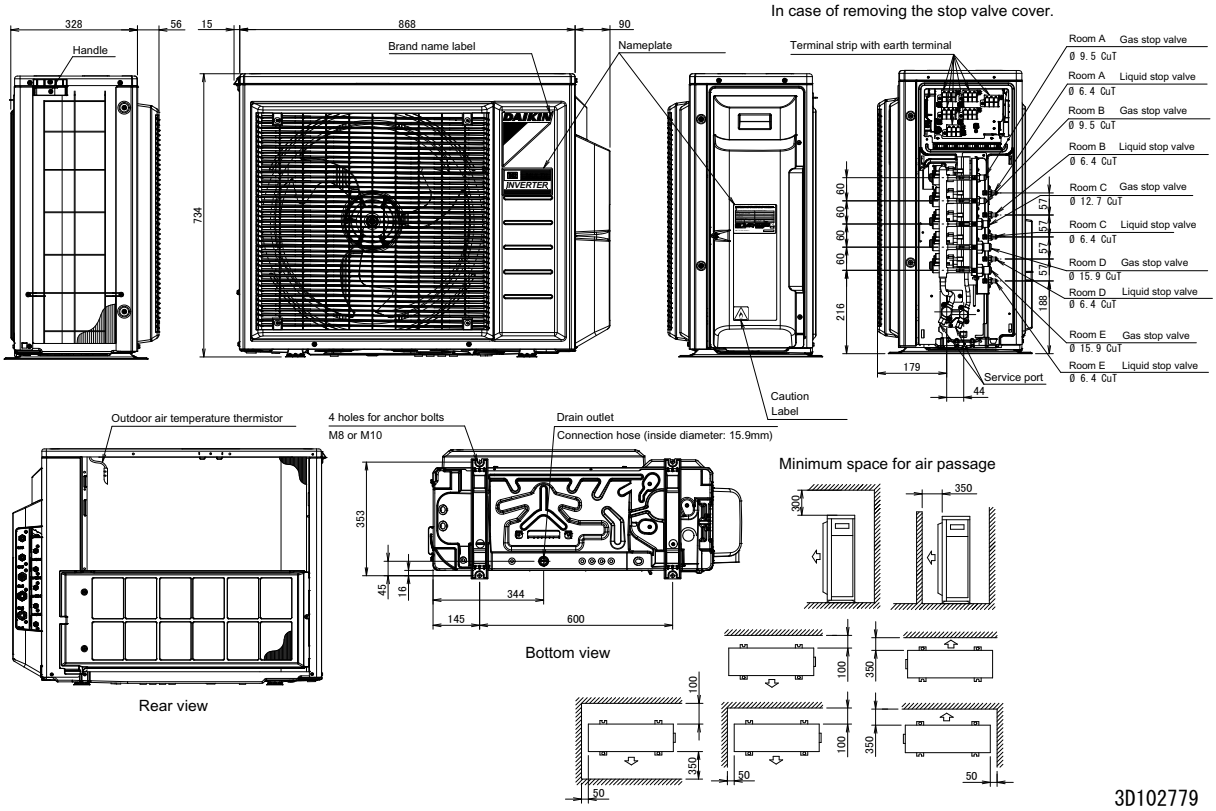
② Outdoor air temperature [°C WB]

3D104266A

6 Dimensional drawings

6 - 1 Dimensional Drawings

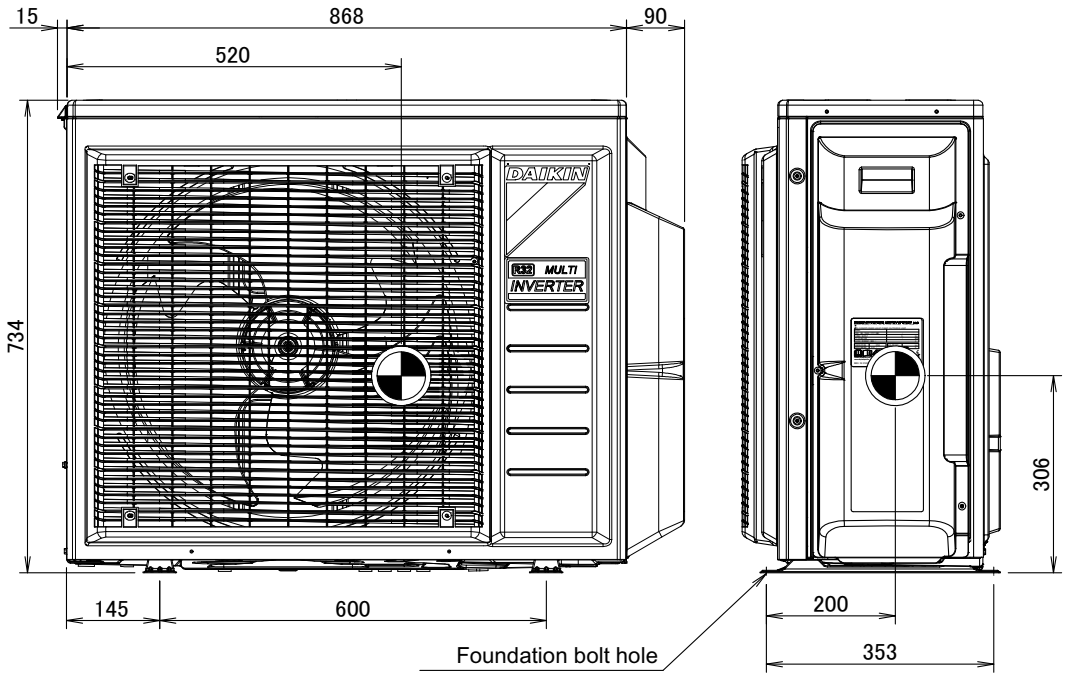
5MXM-M



7 Centre of gravity

7 - 1 Centre of Gravity

5MXM-M

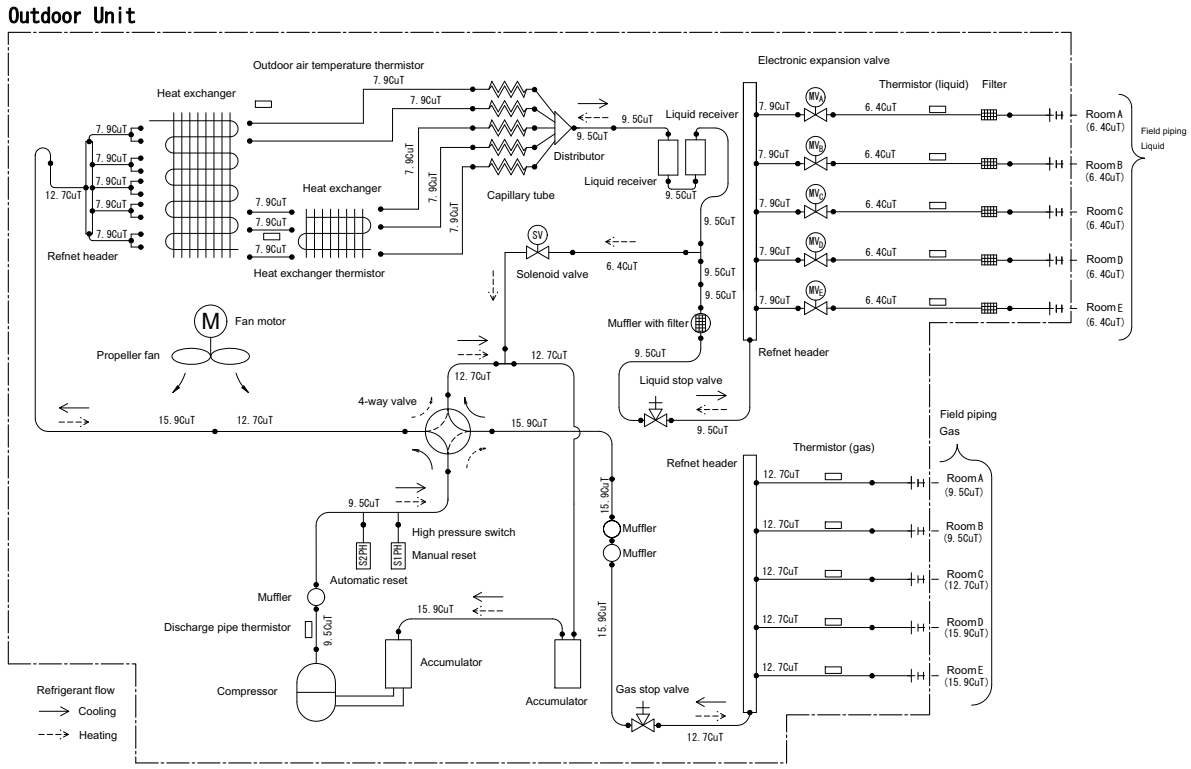


4D102821

8 Piping diagrams

8 - 1 Piping Diagrams

5MXM-M

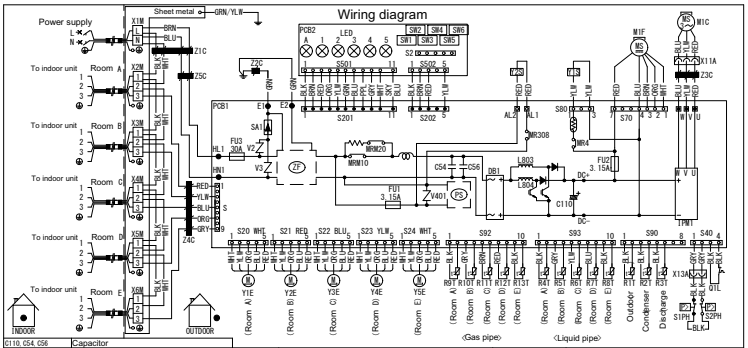


3D100792A

9 Wiring diagrams

9 - 1 Wiring Diagrams - Single Phase

5MXM-M



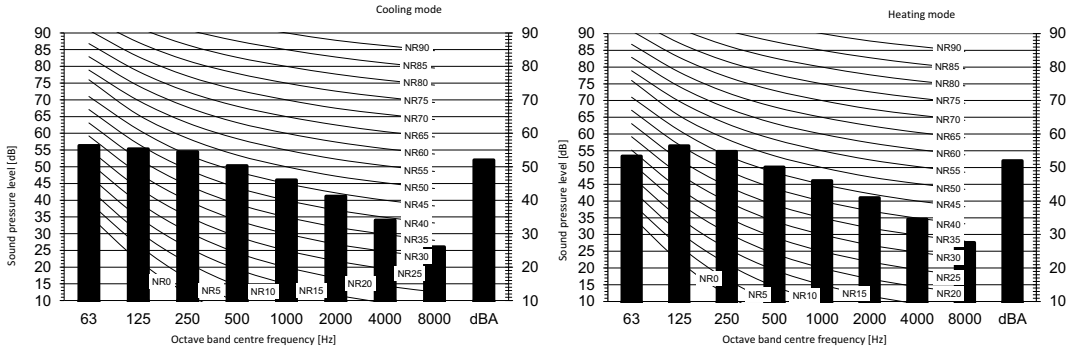
C110, CS4, CS6	Capacitor	49L	Overload protector	ZF	Noise filter	
DB1	Diode bridge	R1T-R13T	Thermistor	S, S2-S502	Connector	
FU1, FU2, FU3	Fuse	SA1	Surge arrestor	U, V, W	Connector	
TPM1	Intelligent power module	S1PH, S2PH	High pressure switch	X11A, X13A, AL1, AL2	Connector	
L803, L804	Reactor	SW1-SW6	Switch		Field wiring	
LED1~5, LEDA	Light-emitting diode	V2, V3, V401	Varistor		Screw terminal	
M1C	Compressor motor	X1M~X6M	Terminal strip with earth terminal		Connector	
M1F	Fan motor	Y1E~Y5E	Electronic expansion valve coil	BLK: black	GRY: grey	SKY BLU: sky blue
MRM10, MRM20	Magnetic relay	Y1S	Reversing solenoid valve coil	BLU: blue	ORG: orange	WHT: white
MR4, MR308, MR308	Magnetic relay	Y2S	Solenoid valve	BRN: brown	PPL: purple	YLW: yellow
PCB1, PCB2	Printed circuit board	Z1C~Z5C	Ferrite core	GRN: green	RED: red	
PS	Switching power supply					

3D100360A

10 Sound data

10 - 1 Sound Pressure Spectrum

5MXM-M



Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

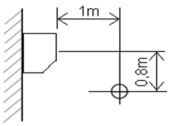
A Scale

B High-tap

Cooling	Total dB
A	B
dBA	52

Heating	Total dB
A	B
dBA	52

Location of microphone



Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

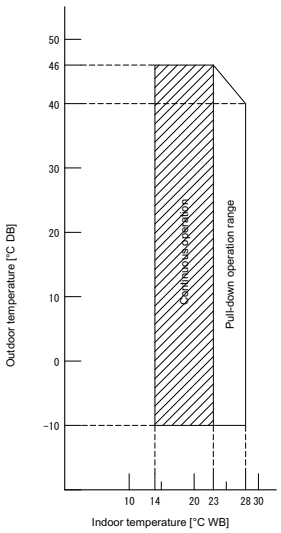
3D103030

11 Operation range

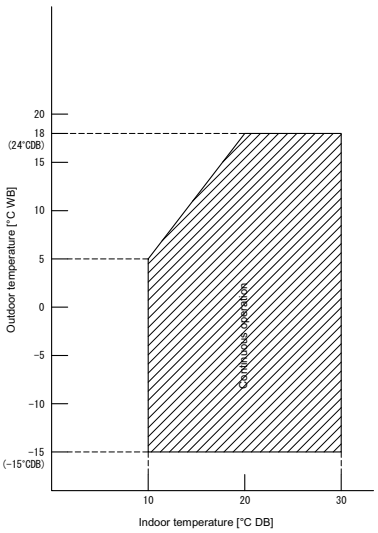
11 - 1 Operation Range

5MXM-M

Cooling



Heating



Notes

1. The graph is based on the following conditions.
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
   Air flow rate High

3D101376

Daikin Europe N.V. Naamloze Vennootschap - Zandvoordestraat 300, B-8400 Oostende - Belgium - www.daikin.eu - BE 0412 120 336 - RPR Oostende

MIX
Paper from responsible sources
FSC® C109049

EEDEN XXX-07/16

Daikin Europe N.V. participates in the Eurovent Certification programme for Liquid Chilling Packages (LCP), Air handling units (AHU), Fan coil units (FCU) and variable refrigerant flow systems (VRF) Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com

The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V.. Daikin Europe N.V. has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin Europe N.V.

Air Conditioning Technical Data

RXM-A



EEDEN24A

TABLE OF CONTENTS

RXM-A

1	Features	4
	RXM-A	4
2	Specifications	5
3	Electrical data	29
4	Capacity tables	34
	Cooling/Heating Capacity Tables	34
5	Dimensional drawings	45
6	Centre of gravity	47
7	Piping diagrams	50
8	Wiring diagrams	53
	Wiring Diagrams - Single Phase	53
9	Sound data	56
	Sound Power Spectrum	56
	Sound Pressure Spectrum	60
10	Operation range	64

1 Features

1 - 1 RXM-A

› Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
› Anti-corrosion treated outdoor heat exchanger fin
› Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency
› Outdoor units for pair application
› Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall



Outdoor unit silent operation (3 steps + auto)

2 Specifications

2 - 1 Specifications

Technical Specifications					RXM20A	RXM25A	RXM35A	RXM42A	RXM50A	RXM60A	RXM71A
Casing	Colour				Ivory white						
Dimensions	Unit	Height		mm	610				734		
		Width		mm	923				954		
		Depth		mm	367				401		
	Packed unit	Height		mm	675				820		
		Width		mm	1,007				1,050		
		Depth		mm	450				480		
Weight	Unit			kg	36			40	49		55
	Packed unit			kg	40			43	53		60
Packing	Weight			kg	4						5
Heat exchanger	Length			mm	869				920		
	Rows	Quantity			2						
	Fin pitch			mm	1.4						
	Stages	Quantity			26				32		
	Passes	Quantity			4.3				2.2		
	Tube type				ø7 Hi-XD						
	Tube material				Copper					-	-
	Tube diameter			mm	7					-	-
	Fin	Type			Waffle fin (PE)						
Fan	Type				Propeller fan						
	Air flow rate	Cooling	High	m^3/min	39.1			40.1	58	-	-
				cfm	1,381			1,416	2,048	-	-
			Nom.	m^3/min	38.5		39.1	40.1	58	46.6	-
				cfm	1,360		1,381	1,416	2,048	1,645	1,730
			Medium	m^3/min	36.5			38.5	56.3	-	49
				cfm	1,289			1,360	1,988	-	-
			Low	m^3/min	26.4				56.3	-	-
				cfm	932				1,988	-	-
			Silent operation	m^3/min	26.4				36.6	-	-
				cfm	932				1,293	-	-
		Heating	High	m^3/min	39.1			40.1	54.7	-	-
				cfm	1,381			1,416	1,932	-	-
			Nom.	m^3/min	35.0		38.0	38	54.7	44.1	-
				cfm	1,236		1,342		1,932	1,557	1,632
			Medium	m^3/min	21.3			35.0	36.6	-	46.2
				cfm	752			1,236	1,293	-	-
Fan	Air flow rate	Heating	Low	m^3/min	16.3			26.4	36.6	-	-
				cfm	576			932	1,293	-	-
Fan motor	Model				DFC05A3VA				D55F-31	DFC07A1VA	
	Output			W	50				40	55	128
	Speed	Cooling	High	rpm	850			870	760		880
			Nom.	rpm	840		850	870	760	740	780
			Medium	rpm	800			840	740	-	-
			Low	rpm	600				740	640	700
			Super low	rpm	600				500	-	-
		Heating	High	rpm	850			870	720		780
			Nom.	rpm	770		830		720		740
			Low	rpm	400			600	500	660	680
			Medium	rpm	500			770	500	-	-
Compressor	Model				1Y091BKBX1P#D			2YC40JXD#D	2YC40JXD#D	2Y147BKBX1P#D	2Y260BPBX1P#C
	Oil Amount			cm^3	375				650		900
	Type				Hermetically sealed swing compressor						
	Output			W	800				1,300		2,400
	Oil Type				FW68DA						
Operation range	Cooling	Ambient	Min.	°CDB	-10						
			Max.	°CDB	50				50 (1) / 46 (1)	50	46
	Heating	Ambient	Min.	°CWB	-21				-21 (1) / -15 (1)	-21	-15
				°CDB	-20				-20 (1) / -15 (1)	-20	-15
			Max.	°CWB	18						
				°CDB	24						
Sound power level	Cooling	Max		dBA	61		62		63	-	-
		Nom.		dBA	58			61	62	63	66
		Night quiet mode		dBA	56			58	58	-	-
		Tonal adjustment		dBA	0				0	-	-
	Heating	Max		dBA	61		62		63	-	-
		Nom.		dBA	58		60	61	62	63	67
		Night quiet mode		dBA	56			58	58	-	-
		Tonal adjustment		dBA	0				0	-	-

2 Specifications

2 - 1 Specifications

Technical Specifications					RXM20A	RXM25A	RXM35A	RXM42A	RXM50A	RXM60A	RXM71A
Sound power level - Low sound mode (Stb. 2020, 189)	Cooling	Max.		dBA	59		60			-	-
		Night quiet mode		dBA	55					-	-
		Tonal adjustment		dBA	0					-	-
	Heating	Max.		dBA	59		60			-	-
		Night quiet mode		dBA	55					-	-
Sound power level - Low sound mode (Stb. 2020, 189)	Heating	Tonal adjustment		dBA	0					-	-
Sound pressure level	Cooling	Nom.		dBA	46		47	48			47
	Heating	Nom.		dBA	47		49				48
Refrigerant	Type				R-32						
	Charge			kg	0.95				1.1	1.15	
	Charge			tCO2Eq	0.65				0.75	0.78	
	Control				Expansion valve						
	GWP				675						
Piping connections	Liquid	OD		mm	6.4					6	
	Gas	OD		mm	9.5				12.7		15.9
	Drain	OD		mm	16 (inner diameter of connecting hose)				16 (inner diameter of connecting hose)	16	18
	Piping length	OU - IU	Min.	m	1.5				3	-	-
			Max.	m	20			30			
		System	Chargeless	m	10						
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)						
	Level difference	IU - OU	Max.	m	15			20			
	Heat insulation				Both liquid and gas pipes						
Capacity control	Method				Inverter controlled						

Standard accessories: Installation manual;Quantity: 1;

Standard accessories: Drain joint;Quantity: 1;

Standard accessories: Refrigerant charge label;Quantity: 1;

Standard accessories: Multilingual fluorinated greenhouse gases labels;Quantity: 1;

Standard accessories: General safety precautions;Quantity: 1;

Standard accessories: LOT10 Energy Label;Quantity: 1;

Standard accessories: Drain cap;Quantity: 3;

Standard accessories: RXM50A5V1B;Quantity: 1;

Standard accessories: Drain plug;Quantity: 1;

Electrical Specifications				RXM20A	RXM25A	RXM35A	RXM42A	RXM50A	RXM60A	RXM71A
Power supply	Name			V1						
	Phase			1~						
	Frequency		Hz	50						
	Voltage		V	220-240						
Wiring connections	For power supply	Quantity		3						
		Remark		Earth wire included						
	For connection with indoor	Quantity		4						
		Remark		Earth wire included						
Current - 50Hz	Maximum fuse amps (MFA)	Maximum fuse amps (MFA)	A	10		13		16		20

(1)See separate drawing for operation range |
See separate drawing for electrical data |
Contains fluorinated greenhouse gases

Technical specifications			FBA50A9 + RXM50A	FBA60A9 + RXM60A
Cooling capacity	Nom.	kW	5.00	5.7
	Nom.	Btu/h	17,100	19,400
	Nom.	kcal/h	4,299	4,884

2 Specifications

2 - 1 Specifications

Technical specifications				FBA50A9 + RXM50A	FBA60A9 + RXM60A
Heating capacity	Nom.		kW	5.50	7
	Nom.		Btu/h	18,800	23,900
	Nom.		kcal/h	4,729	6,019
Power input	Cooling	Nom.	kW	1.41	1.64
	Heating	Nom.	kW	1.44	1.89
Nominal efficiency	EER			3.55	3.48
	COP			3.83	3.71
	Annual energy consumption		kWh	704	819
	Energy labeling Directive	Cooling		A	
		Heating		A	
Space cooling	Energy efficiency class			A++	A+
	Capacity	Pdesign	kW	5.00	5.7
	SEER			6.27	5.91
	Annual energy consumption		kWh/a	279	336
Space heating (Average climate)	Energy efficiency class			A+	
	Capacity	Pdesign	kW	4.40	4.6
	SCOP/A			4.06	4.01
	SCOPnet/A			4.08	4.03
	Pdh Heating capacity at -10°		kW	3.73	3.99
	Annual energy consumption		kWh/a	1,517	1,607
	Required back up heating cap at design conditions		kW	0.67	0.61
Space heating (Warm climate)	Energy efficiency class			A+	
	Capacity	Pdesignh	kW	2.37	2.44
	SCOP			4.48	4.43
	SCOPnet			4.49	4.44
	Annual energy consumption		kWh/a	741	770
	Required back up heating cap at design conditions		kW	0.00	0
Space cooling	A Condition	Pdc	kW	5.00	5.7
	(35°C - 27/19)	EERd		3.55	3.48
		Power input	kW	1.41	1.64
	B Condition	Pdc	kW	3.69	4.2
	(30°C - 27/19)	EERd		5.26	5.05
		Power input	kW	0.70	0.83
Space cooling	C Condition	Pdc	kW	2.37	2.71
	(25°C - 27/19)	EERd		8.41	7.97
		Power input	kW	0.28	0.34
	D Condition	Pdc	kW	1.98	2.13
	(20°C - 27/19)	EERd		10.52	8.54
		Power input	kW	0.19	0.25
Space heating (Average climate)	TOL	Tol (temperature operating limit)	°C	-15	-10
	E condition	Pdh (declared heating cap)	kW	3.47	4
	(-10°C)	COPd (declared COP)		1.95	2.68
		Power input	kW	1.78	1.82
	TBivalent	Tbiv (bivalent temperature)	°C	-7	
		Pdh (declared heating cap)	kW	3.90	4.09
		COPd (declared COP)		3.09	3.01
		Power input	kW	1.26	1.36
	A Condition	Pdh (declared heating cap)	kW	3.90	4.09
	(-7°C)	COPd (declared COP)		3.09	3.01
		Power input	kW	1.26	1.36
	B Condition	Pdh (declared heating cap)	kW	2.37	2.44
	(2°C)	COPd (declared COP)		4.20	4.18
		Power input	kW	0.56	0.58
	C Condition	Pdh (declared heating cap)	kW	1.61	1.6
	(7°C)	COPd (declared COP)		4.55	4.41
		Power input	kW	0.35	0.36
	D Condition	Pdh (declared heating cap)	kW	1.58	1.79
	(12°C)	COPd (declared COP)		5.23	5.32
		Power input	kW	0.30	0.34
Space heating (Warm climate)	TOL	Tol (temperature operating limit)	°C	-15	
	E condition	Pdh (declared heating cap)	kW	3.47	3.85
	(2°C)	COPd (declared COP)		1.95	2.11
		Power input	kW	1.78	1.82
	TBivalent	Tbiv (bivalent temperature)	°C	2	
		Pdh (declared heating cap)	kW	2.37	2.48
		COPd (declared COP)		4.20	4.18
		Power input	kW	0.56	0.59
	B Condition	Pdh (declared heating cap)	kW	2.37	2.44
	(2°C)	COPd (declared COP)		4.20	4.18
		Power input	kW	0.56	0.58

2 Specifications

2 - 1 Specifications

Technical specifications					FBA50A9 + RXM50A	FBA60A9 + RXM60A
Space heating (Warm climate)	C Condition (7°C)	Pdh (declared heating cap)		kW	1.61	1.6
		COPd (declared COP)			4.55	4.41
		Power input		kW	0.35	0.36
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.58	1.79
		COPd (declared COP)			5.23	5.32
		Power input		kW	0.30	0.34
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	2	
			Cooling	W	2	
	Standby mode	Cooling	PSB	W	13	
		Heating	PSB	W	13	
	Crankcase heater mode	PCK		W	0	
	Off mode	POFF		W	13	
Cooling	Cdc (Degradation cooling)				0.25	
Heating	Cdh (Degradation heating)				0.25	
Cooling function included					Yes	
Heating function included					Yes	
Average climate included					Yes	
Cold season included					No	
Warm season included					Yes	
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62	63
	Sound power level indoor	Cooling	Nom.	dBA	60	56
	Piping length	Cooling	Measuring condition	m	5.00	5

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

Technical specifications				FCAG50B + RXM50A	FCAG60B + RXM60A
Cooling capacity	Nom.		kW	5.00	5.7
	Nom.		Btu/h	17,100	19,400
	Nom.		kcal/h	4,299	4,884
Heating capacity	Nom.		kW	6.00	7
	Nom.		Btu/h	20,500	23,900
	Nom.		kcal/h	5,159	6,019
Power input	Cooling	Nom.	kW	1.40	1.72
	Heating	Nom.	kW	1.62	2.07
Nominal efficiency	EER			3.58	3.31
	COP			3.70	3.38
	Annual energy consumption		kWh	698	858
	Energy labeling Directive	Cooling		A	
		Heating		A	C
Space cooling	Energy efficiency class			A++	
	Capacity	Pdesign	kW	5.00	5.7
	SEER			6.54	6.4
	Annual energy consumption		kWh/a	268	312
Space heating (Average climate)	Energy efficiency class			A+	
	Capacity	Pdesign	kW	4.36	4.71
	SCOP/A			4.30	4.2
	SCOPnet/A			4.33	4.22
	Pdh Heating capacity at -10°		kW	3.86	4.12
	Annual energy consumption		kWh/a	1,418	1,569
	Required back up heating cap at design conditions		kW	0.50	0.59
Space heating (Warm climate)	Energy efficiency class			A+++	
	Capacity	Pdesignh	kW	2.35	2.53
	SCOP			5.22	5.32
	SCOPnet			5.31	5.41
	Annual energy consumption		kWh/a	630	669
	Required back up heating cap at design conditions		kW	0.00	0

2 Specifications

2 - 1 Specifications

Technical specifications					FCAG50B + RXM50A	FCAG60B + RXM60A
Space cooling	A Condition (35°C - 27/19)	Pdc		kW	5.00	5.7
		EERd			3.58	3.31
		Power input		kW	1.40	1.72
	B Condition (30°C - 27/19)	Pdc		kW	3.69	4.2
		EERd			5.17	4.7
		Power input		kW	0.71	0.89
Space cooling	C Condition (25°C - 27/19)	Pdc		kW	2.37	2.71
		EERd			8.52	7.91
		Power input		kW	0.28	0.34
	D Condition (20°C - 27/19)	Pdc		kW	1.87	1.62
		EERd			10.69	12.13
		Power input		kW	0.17	0.13
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15	-10
	E condition (-10°C)	Pdh (declared heating cap)		kW	3.86	4.12
		COPd (declared COP)			2.04	2.08
		Power input		kW	1.89	1.94
	TBivalent	Tbiv (bivalent temperature)		°C	-7	
		Pdh (declared heating cap)		kW	3.86	4.17
		COPd (declared COP)			2.81	2.56
		Power input		kW	1.37	1.63
	A Condition (-7°C)	Pdh (declared heating cap)		kW	3.86	4.17
		COPd (declared COP)			2.81	2.56
		Power input		kW	1.37	1.63
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.35	2.56
		COPd (declared COP)			4.39	4.31
		Power input		kW	0.54	0.59
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.54	1.64
		COPd (declared COP)			5.31	5.28
		Power input		kW	0.29	0.31
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.79	1.46
		COPd (declared COP)			6.47	6.51
		Power input		kW	0.28	0.22
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15	
	E condition (2°C)	Pdh (declared heating cap)		kW	3.86	4.04
		COPd (declared COP)			2.04	2.08
		Power input		kW	1.89	1.94
	TBivalent	Tbiv (bivalent temperature)		°C	2	
		Pdh (declared heating cap)		kW	2.35	2.54
		COPd (declared COP)			4.39	4.31
		Power input		kW	0.54	0.59
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.35	2.54
		COPd (declared COP)			4.39	4.31
		Power input		kW	0.54	0.59
Space heating (Warm climate)	C Condition (7°C)	Pdh (declared heating cap)		kW	1.54	1.64
		COPd (declared COP)			5.31	5.28
		Power input		kW	0.29	0.31
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.79	1.46
		COPd (declared COP)			6.47	6.51
		Power input		kW	0.28	0.22
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	15	
			Cooling	W	5	
	Standby mode	Cooling	PSB	W	8	
		Heating	PSB	W	8	
	Crankcase heater mode	PCK		W	0	
	Off mode	POFF		W	8	
Cooling	Cdc (Degradation cooling)				0.25	
Heating	Cdh (Degradation heating)				0.25	
Cooling function included					Yes	
Heating function included					Yes	
Average climate included					Yes	
Cold season included					No	
Warm season included					Yes	
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62	63
	Sound power level indoor	Cooling	Nom.	dBA	49	51
	Piping length	Cooling	Measuring condition	m	5.00	5

2 Specifications

2 - 1 Specifications

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

Technical specifications				FDXM50F9 + RXM50A	FDXM60F9 + RXM60A
Cooling capacity	Min.		kW	1.70	1.7
	Min.		Btu/h	5,800	
	Min.		kcal/h	1,462	
	Nom.		kW	5.00	6
	Nom.		Btu/h	17,100	20,500
	Nom.		kcal/h	4,299	5,159
	Max.		kW	5.30	6.5
	Max.		Btu/h	18,100	22,200
	Max.		kcal/h	4,557	5,589
Heating capacity	Min.		kW	1.70	1.7
	Min.		Btu/h	5,800	
	Min.		kcal/h	1,500	
	Nom.		kW	5.80	7
	Nom.		Btu/h	19,800	23,900
	Nom.		kcal/h	4,987	6,019
	Max.		kW	6.00	7.1
	Max.		Btu/h	20,500	24,200
	Max.		kcal/h	5,159	6,105
Power input	Cooling	Nom.	kW	1.63	2.05
	Heating	Nom.	kW	1.87	2.18
Nominal efficiency	EER			3.06	2.93
	COP			3.10	3.21
	Annual energy consumption		kWh	817	1,024
	Energy labeling Directive	Cooling		B	C
		Heating		D	C
Space cooling	Energy efficiency class			A+	A
	Capacity	Pdesign	kW	5.00	6
	SEER			5.77	5.56
	Annual energy consumption		kWh/a	303	378
Space heating (Average climate)	Energy efficiency class			A	
	Capacity	Pdesign	kW	4.00	4.6
	SCOP/A			3.93	3.8
	SCOPnet/A			3.95	3.83
	Pdh Heating capacity at -10°		kW	3.54	3.94
	Annual energy consumption		kWh/a	1,424	1,693
	Required back up heating cap at design conditions		kW	0.46	0.66
Space heating (Warm climate)	Energy efficiency class			A+	
	Capacity	Pdesignh	kW	2.16	2.48
	SCOP			4.41	4.47
	SCOPnet			4.46	4.51
	Annual energy consumption		kWh/a	685	777
	Required back up heating cap at design conditions		kW	0.00	0
Space cooling	A Condition	Pdc	kW	5.00	6
	(35°C - 27/19)	EERd		3.06	2.93
		Power input	kW	1.63	2.05
	B Condition	Pdc	kW	3.69	4.43
	(30°C - 27/19)	EERd		4.96	4.64
		Power input	kW	0.74	0.95
	C Condition	Pdc	kW	2.37	2.85
	(25°C - 27/19)	EERd		8.21	6.96
		Power input	kW	0.29	0.41
	D Condition	Pdc	kW	2.26	
	(20°C - 27/19)	EERd		9.47	10.44
		Power input	kW	0.24	0.22

2 Specifications

2 - 1 Specifications

Technical specifications					FDXM50F9 + RXM50A	FDXM60F9 + RXM60A
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15	-10
	E condition (-10°C)	Pdh (declared heating cap)		kW	3.54	3.94
		COPd (declared COP)			1.89	2.31
		Power input		kW	1.87	1.95
	TBivalent	Tbiv (bivalent temperature)		°C	-7	
		Pdh (declared heating cap)		kW	3.54	4.07
		COPd (declared COP)			2.87	2.58
		Power input		kW	1.23	1.58
	A Condition (-7°C)	Pdh (declared heating cap)		kW	3.54	4.07
		COPd (declared COP)			2.87	2.58
		Power input		kW	1.23	1.58
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.16	2.48
		COPd (declared COP)			4.10	3.92
		Power input		kW	0.53	0.63
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.62	
		COPd (declared COP)			4.56	4.52
		Power input		kW	0.36	
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.92	
		COPd (declared COP)			5.49	5.46
Space heating (Average climate)	D Condition (12°C)	Power input		kW	0.35	
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15	
	E condition (2°C)	Pdh (declared heating cap)		kW	3.54	3.72
		COPd (declared COP)			1.89	1.91
		Power input		kW	1.87	1.95
	TBivalent	Tbiv (bivalent temperature)		°C	2	
		Pdh (declared heating cap)		kW	2.16	2.48
		COPd (declared COP)			4.10	3.92
		Power input		kW	0.53	0.63
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.16	2.48
		COPd (declared COP)			4.10	3.92
		Power input		kW	0.53	0.63
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.62	
		COPd (declared COP)			4.56	4.52
		Power input		kW	0.36	
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.92	
		COPd (declared COP)			5.49	5.46
		Power input		kW	0.35	
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	9	
			Cooling	W	9	
	Standby mode	Cooling	PSB	W	15	
		Heating	PSB	W	15	
	Crankcase heater mode	PCK		W	0	
	Off mode	POFF		W	15	
Cooling	Cdc (Degradation cooling)				0.25	
Heating	Cdh (Degradation heating)				0.25	
Cooling function included					Yes	
Heating function included					Yes	
Average climate included					Yes	
Cold season included					No	
Warm season included					Yes	
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62	63
	Sound power level indoor	Cooling	Nom.	dBA	55	56
	Piping length	Cooling	Measuring condition	m	5.00	5

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

2 Specifications

2 - 1 Specifications

Technical specifications				FFA50A9 + RXM50A	FFA60A9 + RXM60A
Cooling capacity	Nom.		kW	5.00	5.7
	Nom.		Btu/h	17,100	19,400
	Nom.		kcal/h	4,299	4,884
Heating capacity	Nom.		kW	5.80	7
	Nom.		Btu/h	19,800	23,900
	Nom.		kcal/h	4,987	6,019
Power input	Cooling	Nom.	kW	1.54	1.86
	Heating	Nom.	kW	1.66	2.05
Nominal efficiency	EER			3.24	3.05
	COP			3.49	3.41
	Annual energy consumption		kWh	772	931
	Energy labeling Directive	Cooling		A	B
		Heating		B	
Space cooling	Energy efficiency class			A+	
	Capacity	Pdesign	kW	5.00	5.7
	SEER			5.98	5.76
	Annual energy consumption		kWh/a	293	346
Space heating (Average climate)	Energy efficiency class			A	A+
	Capacity	Pdesign	kW	3.84	3.96
	SCOP/A			3.90	4.04
	SCOPnet/A			3.92	4.06
	Pdh Heating capacity at -10°		kW	3.40	3.5
	Annual energy consumption		kWh/a	1,378	1,373
	Required back up heating cap at design conditions		kW	0.44	0.46
Space heating (Warm climate)	Energy efficiency class			A++	
	Capacity	Pdesignh	kW	2.09	2.14
	SCOP			4.79	4.74
	SCOPnet			4.83	4.79
	Annual energy consumption		kWh/a	611	631
	Required back up heating cap at design conditions		kW	0.00	0
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	5.00	5.7
		EERd		3.24	3.05
		Power input	kW	1.54	1.86
	B Condition (30°C - 27/19)	Pdc	kW	3.69	4.2
		EERd		5.38	5.34
		Power input	kW	0.69	0.79
Space cooling	C Condition (25°C - 27/19)	Pdc	kW	2.37	2.71
		EERd		7.85	7.24
		Power input	kW	0.30	0.37
	D Condition (20°C - 27/19)	Pdc	kW	2.15	2.27
		EERd		10.67	9.66
		Power input	kW	0.20	0.23
Space heating (Average climate)	TOL	Tol (temperature operating limit)	°C	-15	-10
	E condition (-10°C)	Pdh (declared heating cap)	kW	3.40	3.51
		COPd (declared COP)		1.99	2.05
		Power input	kW	1.71	
	TBivalent	Tbiv (bivalent temperature)	°C	-7	
		Pdh (declared heating cap)	kW	3.40	3.51
		COPd (declared COP)		2.62	2.84
		Power input	kW	1.30	1.24
	A Condition (-7°C)	Pdh (declared heating cap)	kW	3.40	3.51
		COPd (declared COP)		2.62	2.84
		Power input	kW	1.30	1.24
	B Condition (2°C)	Pdh (declared heating cap)	kW	2.09	2.14
		COPd (declared COP)		3.97	4.12
		Power input	kW	0.53	0.52
	C Condition (7°C)	Pdh (declared heating cap)	kW	1.47	1.49
		COPd (declared COP)		4.81	4.74
		Power input	kW	0.31	
	D Condition (12°C)	Pdh (declared heating cap)	kW	1.71	1.74
		COPd (declared COP)		5.94	5.88
		Power input	kW	0.29	0.3

2 Specifications

2 - 1 Specifications

Technical specifications					FFA50A9 + RXM50A	FFA60A9 + RXM60A
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15	
	E condition (2°C)	Pdh (declared heating cap)		kW	3.40	3.5
		COPd (declared COP)			1.99	2.05
		Power input		kW	1.71	
	TBivalent	Tbiv (bivalent temperature)		°C	2	
		Pdh (declared heating cap)		kW	2.09	2.14
		COPd (declared COP)			3.97	4.12
		Power input		kW	0.53	0.52
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.09	2.14
		COPd (declared COP)			3.97	4.12
		Power input		kW	0.53	0.52
Space heating (Warm climate)	C Condition (7°C)	Pdh (declared heating cap)		kW	1.47	1.49
		COPd (declared COP)			4.81	4.74
		Power input		kW	0.31	
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.71	1.74
		COPd (declared COP)			5.94	5.88
		Power input		kW	0.29	0.3
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	7	
			Cooling	W	7	
	Standby mode	Cooling	PSB	W	15	
		Heating	PSB	W	15	
	Crankcase heater mode	PCK		W	0	
	Off mode	POFF		W	15	
Cooling	Cdc (Degradation cooling)				0.25	
Heating	Cdh (Degradation heating)				0.25	
Cooling function included					Yes	
Heating function included					Yes	
Average climate included					Yes	
Cold season included					No	
Warm season included					Yes	
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62	63
	Sound power level indoor	Cooling	Nom.	dBA	56	60
	Piping length	Cooling	Measuring condition	m	5.00	5

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

Technical specifications				FNA50A9 + RXM50A	FNA60A9 + RXM60A
Cooling capacity	Nom.		kW	5.00	6
	Nom.		Btu/h	17,100	20,500
	Nom.		kcal/h	4,299	5,159
Heating capacity	Nom.		kW	5.80	7
	Nom.		Btu/h	19,800	23,900
	Nom.		kcal/h	4,987	6,019
Power input	Cooling	Nom.	kW	1.48	2.22
	Heating	Nom.	kW	1.74	2.25
Nominal efficiency	EER			3.38	2.7
	COP			3.34	3.11
	Annual energy consumption		kWh	740	1,111
	Energy labeling Directive	Cooling		A	D
		Heating		C	D
Space cooling	Energy efficiency class			A+	A
	Capacity	Pdesign	kW	5.00	6
	SEER			5.77	5.56
	Annual energy consumption		kWh/a	303	378

2 Specifications

2 - 1 Specifications

Technical specifications					FNA50A9 + RXM50A	FNA60A9 + RXM60A
Space heating (Average climate)	Energy efficiency class				A+	
	Capacity	Pdesign		kW	4.00	4.6
	SCOP/A				4.09	4.16
	SCOPnet/A				4.12	4.19
	Pdh Heating capacity at -10°			kW	3.54	3.94
	Annual energy consumption			kWh/a	1,368	1,547
	Required back up heating cap at design conditions			kW	0.46	0.66
Space heating (Warm climate)	Energy efficiency class				A++	
	Capacity	Pdesignh		kW	2.16	2.48
	SCOP				4.88	5.02
	SCOPnet				4.93	5.08
	Annual energy consumption			kWh/a	620	691
	Required back up heating cap at design conditions			kW	0.00	0
Space cooling	A Condition	Pdc		kW	5.00	6
	(35°C - 27/19)	EERd			3.38	2.7
		Power input		kW	1.48	2.22
	B Condition	Pdc		kW	3.69	4.43
	(30°C - 27/19)	EERd			5.02	4.64
		Power input		kW	0.74	0.95
Space cooling	C Condition	Pdc		kW	2.37	2.85
	(25°C - 27/19)	EERd			7.23	7.2
		Power input		kW	0.33	0.4
	D Condition	Pdc		kW	1.74	2.34
	(20°C - 27/19)	EERd			10.72	10.44
		Power input		kW	0.16	0.22
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15	-10
	E condition	Pdh (declared heating cap)		kW	3.54	3.94
	(-10°C)	COPd (declared COP)			1.88	1.78
		Power input		kW	1.88	2.09
	TBivalent	Tbiv (bivalent temperature)		°C	-7	
		Pdh (declared heating cap)		kW	3.54	4.07
		COPd (declared COP)			2.90	2.82
		Power input		kW	1.22	1.44
	A Condition	Pdh (declared heating cap)		kW	3.54	4.07
	(-7°C)	COPd (declared COP)			2.90	2.82
		Power input		kW	1.22	1.44
	B Condition	Pdh (declared heating cap)		kW	2.16	2.48
	(2°C)	COPd (declared COP)			4.13	4.22
		Power input		kW	0.52	0.59
	C Condition	Pdh (declared heating cap)		kW	1.66	1.59
	(7°C)	COPd (declared COP)			5.08	
		Power input		kW	0.33	0.31
	D Condition	Pdh (declared heating cap)		kW	1.96	1.95
	(12°C)	COPd (declared COP)			6.16	6.19
		Power input		kW	0.32	
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15	
	E condition	Pdh (declared heating cap)		kW	3.54	3.72
	(2°C)	COPd (declared COP)			1.88	1.78
		Power input		kW	1.88	2.09
	TBivalent	Tbiv (bivalent temperature)		°C	2	
		Pdh (declared heating cap)		kW	2.16	2.48
		COPd (declared COP)			4.13	4.22
		Power input		kW	0.52	0.59
	B Condition	Pdh (declared heating cap)		kW	2.16	2.48
	(2°C)	COPd (declared COP)			4.13	4.22
		Power input		kW	0.52	0.59
Space heating (Warm climate)	C Condition	Pdh (declared heating cap)		kW	1.66	1.59
	(7°C)	COPd (declared COP)			5.08	
		Power input		kW	0.33	0.31
	D Condition	Pdh (declared heating cap)		kW	1.96	1.95
	(12°C)	COPd (declared COP)			6.16	6.19
		Power input		kW	0.32	
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	9	
			Cooling	W	9	
	Standby mode	Cooling	PSB	W	15	
		Heating	PSB	W	15	
	Crankcase heater mode	PCK		W	0	
	Off mode	POFF		W	15	
Cooling	Cdc (Degradation cooling)				0.25	
Heating	Cdh (Degradation heating)				0.25	

2 Specifications

2 - 1 Specifications

Technical specifications					FNA50A9 + RXM50A	FNA60A9 + RXM60A
Cooling function included					Yes	
Heating function included					Yes	
Average climate included					Yes	
Cold season included					No	
Warm season included					Yes	
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62	63
	Sound power level indoor	Cooling	Nom.	dBA	56	
	Piping length	Cooling	Measuring condition	m	5.00	5

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

Technical specifications				FTXM20A + RXM20A	FTXM25A + RXM25A	FTXM35A + RXM35A	FTXM42A + RXM42A	FTXM50A + RXM50A	FTXM60A + RXM60A
Cooling capacity	Min.		kW		0.90		1.50	1.70	1.7
	Min.		Btu/h		3,100		5,100	5,800	
	Min.		kcal/h		774		1,290	1,462	
	Nom.		kW	2.00	2.50	3.50	4.20	5.00	6
	Nom.		Btu/h	6,800	8,500	11,900	14,300	17,100	20,500
	Nom.		kcal/h	1,720	2,150	3,009	3,611	4,299	5,159
	Max.		kW	3.00	3.80	4.40	5.20	5.30	7
	Max.		Btu/h	10,200	13,000	15,000	17,700	18,100	23,900
	Max.		kcal/h	2,580	3,267	3,783	4,471	4,557	6,019
Heating capacity	Min.		kW		0.80		1.50	1.70	1.7
	Min.		Btu/h		2,700		5,100	5,800	
	Min.		kcal/h		688		1,290	1,462	1,500
	Nom.		kW	2.50	2.80	4.00	5.40	5.80	7
	Nom.		Btu/h	8,500	9,600	13,600	18,400	19,800	23,900
	Nom.		kcal/h	2,150	2,408	3,439	4,643	4,987	6,019
	Max.		kW	4.50	5.00	5.50	6.20	6.50	8
	Max.		Btu/h	15,400	17,100	18,800	21,200	22,200	27,300
	Max.		kcal/h	3,869	4,299	4,729	5,331	5,589	6,879
Power input	Cooling	Nom.	kW	0.37	0.48	0.76	1.00	1.36	1.77
	Heating	Nom.	kW	0.50	0.56	0.88	1.29	1.40	1.94
Nominal efficiency	EER			5.35	5.20	4.63	4.20	3.68	3.39
	COP			5.00		4.55	4.19	4.15	3.61
	Annual energy consumption		kWh	187	240	378	500	679	885
	Energy labeling Directive	Cooling		A					
		Heating		A					
Space cooling	Energy efficiency class			A+++			A++		
	Capacity	Pdesign	kW	2.00	2.50	3.50	4.20	5.00	6
	SEER			9.47		9.25	8.11	7.80	6.9
	Annual energy consumption		kWh/a	74	92	132	181	224	304
Space heating (Average climate)	Energy efficiency class			A+++			A++		A+
	Capacity	Pdesign	kW	2.30	2.40	2.50	4.00	4.50	4.8
	SCOP/A			5.20			5.00	4.80	4.3
	SCOPnet/A			5.21			5.01	4.81	4.31
	Pdh Heating capacity at -10°		kW	2.30	2.40	2.50	4.00	4.50	3.99
	Annual energy consumption		kWh/a	619	647	673	1,120	1,312	1,562
	Required back up heating cap at design conditions		kW			0.00			0.81
Space heating (Warm climate)	Energy efficiency class			A+++					
	Capacity	Pdesignh	kW	1.24	1.30	1.41	2.16	2.43	2.63
	SCOP			6.26	6.30	6.39	6.25	5.96	5.51
	SCOPnet			6.40	6.43	6.52	6.33	6.08	5.6
	Annual energy consumption		kWh/a	277	289	309	484	571	668
	Required back up heating cap at design conditions		kW			0.00			0

2 Specifications

2 - 1 Specifications

Technical specifications					FTXM20A + RXM20A	FTXM25A + RXM25A	FTXM35A + RXM35A	FTXM42A + RXM42A	FTXM50A + RXM50A	FTXM60A + RXM60A
Space cooling	A Condition (35°C - 27/19)	Pdc		kW	2.00	2.50	3.50	4.20	5.00	6
		EERd			5.35	5.20	4.63	4.20	3.68	3.39
		Power input		kW	0.37	0.48	0.76	1.00	1.36	1.77
	B Condition (30°C - 27/19)	Pdc		kW	1.48	1.85	2.58	3.10	3.69	4.43
		EERd			8.25	7.64	7.23	6.10	5.90	4.82
		Power input		kW	0.18	0.24	0.36	0.51	0.63	0.92
	C Condition (25°C - 27/19)	Pdc		kW	1.20	1.22	1.66	1.99	2.37	2.85
		EERd			11.89	11.76	11.51	9.88	9.41	8.09
		Power input		kW	0.10		0.14	0.20	0.25	0.35
	D Condition (20°C - 27/19)	Pdc		kW	1.20	1.22	1.25	1.85	1.80	1.93
		EERd			15.30	14.79	14.30	13.40	13.49	13.26
		Power input		kW	0.08		0.09	0.14	0.13	0.15
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-10					-20
	E condition (-10°C)	Pdh (declared heating cap)		kW	2.30	2.40	2.50	4.00	4.50	3.99
		COPd (declared COP)			3.22	3.20	3.15	2.91	2.78	2.53
		Power input		kW	0.71	0.75	0.79	1.37	1.62	1.58
	TBivalent	Tbiv (bivalent temperature)		°C	-10					-7
		Pdh (declared heating cap)		kW	2.30	2.40	2.50	4.00	4.50	4.26
		COPd (declared COP)			3.22	3.20	3.15	2.91	2.78	2.68
		Power input		kW	0.71	0.75	0.79	1.37	1.62	1.59
	A Condition (-7°C)	Pdh (declared heating cap)		kW	2.04	2.13	2.22	3.54	3.99	4.26
		COPd (declared COP)			3.53	3.49	3.47	3.26	3.07	2.68
		Power input		kW	0.58	0.61	0.64	1.09	1.30	1.59
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.24	1.30	1.41	2.16	2.43	2.63
		COPd (declared COP)			5.23		5.18	4.98	4.80	4.31
		Power input		kW	0.24	0.25	0.27	0.43	0.51	0.61
	C Condition (7°C)	Pdh (declared heating cap)		kW	0.87	0.89	0.95	1.39	1.56	1.67
		COPd (declared COP)			6.28	6.31	6.48	6.30	6.13	5.64
		Power input		kW	0.14		0.15	0.22	0.25	0.3
	D Condition (12°C)	Pdh (declared heating cap)		kW	0.97		1.05	1.55	1.56	1.96
		COPd (declared COP)			7.95		8.00	7.74	7.25	6.82
Space heating (Average climate)	D Condition (12°C)	Power input		kW	0.12		0.13	0.20	0.22	0.29
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	2					-20
	E condition (2°C)	Pdh (declared heating cap)		kW	1.24	1.30	1.41	2.16	2.43	2.63
		COPd (declared COP)			5.23		5.18	4.98	4.80	4.31
		Power input		kW	0.24	0.25	0.27	0.43	0.51	0.61
	TBivalent	Tbiv (bivalent temperature)		°C	2					
		Pdh (declared heating cap)		kW	1.24	1.30	1.41	2.16	2.43	2.63
		COPd (declared COP)			5.23		5.18	4.98	4.80	4.31
		Power input		kW	0.24	0.25	0.27	0.43	0.51	0.61
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.24	1.30	1.41	2.16	2.43	2.63
		COPd (declared COP)			5.23		5.18	4.98	4.80	4.31
		Power input		kW	0.24	0.25	0.27	0.43	0.51	0.61
	C Condition (7°C)	Pdh (declared heating cap)		kW	0.87	0.89	0.95	1.39	1.56	1.67
		COPd (declared COP)			6.28	6.31	6.48	6.30	6.13	5.64
		Power input		kW	0.14		0.15	0.22	0.25	0.3
	D Condition (12°C)	Pdh (declared heating cap)		kW	0.97		1.05	1.55	1.56	1.96
		COPd (declared COP)			7.95		8.00	7.74	7.25	6.82
		Power input		kW	0.12		0.13	0.20	0.22	0.29
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	8				15	14
			Cooling	W	7				12	
	Standby mode	Cooling	PSB	W	1					
		Heating	PSB	W	1					
	Crankcase heater mode	PCK		W	0					
	Off mode	POFF		W	1					
Cooling	Cdc (Degradation cooling)				0.25					
Heating	Cdh (Degradation heating)				0.25					
Cooling function included					Yes					
Heating function included					Yes					
Average climate included					Yes					
Cold season included					No					
Warm season included					Yes					

2 Specifications

2 - 1 Specifications

Technical specifications					FTXM20A + RXM20A	FTXM25A + RXM25A	FTXM35A + RXM35A	FTXM42A + RXM42A	FTXM50A + RXM50A	FTXM60A + RXM60A
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	58			61	62	63
	Sound power level indoor	Cooling	Nom.	dBA	54		58	60		
	Piping length	Cooling	Measuring condition	m	5					
Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	B Condition (2°C) - SCOPnet/A	COPd (declared COP)			5.23 - 5.21		5.18 - 5.21	4.98 - 5.01	4.80 - 4.86	---
	SCOPnet/A				5.21			5.01	4.86	-
	C Condition (7°C) - SCOPnet/A	Pdh (declared heating cap)		kW	0.87 - 5.21	0.89 - 5.21	0.95 - 5.21	1.39 - 5.01	1.56 - 4.86	---

Technical specifications					FTXM71A + RXM71A
Cooling capacity	Min.			kW	2.3
	Min.			Btu/h	7,800
	Min.			kcal/h	1,978
	Nom.			kW	7.1
	Nom.			Btu/h	24,200
	Nom.			kcal/h	6,105
	Max.			kW	8.5
	Max.			Btu/h	29,000
	Max.			kcal/h	7,309
Heating capacity	Min.			kW	2.3
	Min.			Btu/h	7,800
	Min.			kcal/h	2,000
	Nom.			kW	8.2
	Nom.			Btu/h	28,000
	Nom.			kcal/h	7,051
	Max.			kW	10.2
	Max.			Btu/h	34,800
	Max.			kcal/h	8,770
Power input	Cooling	Nom.		kW	2.34
	Heating	Nom.		kW	2.57
Nominal efficiency	EER				3.03
	COP				3.19
	Annual energy consumption			kWh	1,172
	Energy labeling Directive	Cooling			B
		Heating			D
Space cooling	Energy efficiency class				A++
	Capacity	Pdesign		kW	7.1
	SEER				6.2
	Annual energy consumption			kWh/a	401
Space heating (Average climate)	Energy efficiency class				A+
	Capacity	Pdesign		kW	6.2
	SCOP/A				4.1
	SCOPnet/A				4.13
	Pdh Heating capacity at -10°			kW	5.01
	Annual energy consumption			kWh/a	2,116
	Required back up heating cap at design conditions			kW	1.19
Space heating (Warm climate)	Energy efficiency class				A+++
	Capacity	Pdesignh		kW	3.34
	SCOP				5.74
	SCOPnet				5.81
	Annual energy consumption			kWh/a	814
	Required back up heating cap at design conditions			kW	3.34

2 Specifications

2 - 1 Specifications

Technical specifications					FTXM71A + RXM71A
Space cooling	A Condition (35°C - 27/19)	Pdc		kW	7.1
		EERd			3.03
		Power input		kW	2.34
	B Condition (30°C - 27/19)	Pdc		kW	5.24
		EERd			4.88
		Power input		kW	1.07
	C Condition (25°C - 27/19)	Pdc		kW	3.37
		EERd			7.39
		Power input		kW	0.46
	D Condition (20°C - 27/19)	Pdc		kW	2.6
		EERd			9.69
		Power input		kW	0.27
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15
	E condition (-10°C)	Pdh (declared heating cap)		kW	5.01
		COPd (declared COP)			2.01
		Power input		kW	2.49
	TBivalent	Tbiv (bivalent temperature)		°C	-7
		Pdh (declared heating cap)		kW	5.49
		COPd (declared COP)			2.14
		Power input		kW	2.57
	A Condition (-7°C)	Pdh (declared heating cap)		kW	5.49
		COPd (declared COP)			2.14
		Power input		kW	2.57
	B Condition (2°C)	Pdh (declared heating cap)		kW	3.34
		COPd (declared COP)			4.18
		Power input		kW	0.8
	C Condition (7°C)	Pdh (declared heating cap)		kW	2.32
		COPd (declared COP)			5.8
		Power input		kW	0.4
	D Condition (12°C)	Pdh (declared heating cap)		kW	2.38
		COPd (declared COP)			7.17
Space heating (Average climate)	D Condition (12°C)	Power input		kW	0.33
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15
	E condition (2°C)	Pdh (declared heating cap)		kW	3.34
		COPd (declared COP)			4.18
		Power input		kW	0.8
	TBivalent	Tbiv (bivalent temperature)		°C	2
		Pdh (declared heating cap)		kW	3.34
		COPd (declared COP)			4.18
		Power input		kW	0.8
	B Condition (2°C)	Pdh (declared heating cap)		kW	3.34
		COPd (declared COP)			4.18
		Power input		kW	0.8
	C Condition (7°C)	Pdh (declared heating cap)		kW	2.32
		COPd (declared COP)			5.8
		Power input		kW	0.4
	D Condition (12°C)	Pdh (declared heating cap)		kW	2.38
		COPd (declared COP)			7.17
		Power input		kW	0.33
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	13
			Cooling	W	12
	Standby mode	Cooling	PSB	W	1
		Heating	PSB	W	1
	Crankcase heater mode	PCK		W	0
	Off mode	POFF		W	1
Cooling	Cdc (Degradation cooling)				0.25
Heating	Cdh (Degradation heating)				0.25
Cooling function included					Yes
Heating function included					Yes
Average climate included					Yes
Cold season included					No
Warm season included					Yes

2 Specifications

2 - 1 Specifications

Technical specifications					FTXM71A + RXM71A
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	66
	Sound power level indoor	Cooling	Nom.	dBA	62
	Piping length	Cooling	Measuring condition	m	5

Technical specifications				FTXM20R + RXM20A	FTXM25R + RXM25A	FTXM35R + RXM35A	FTXM42R + RXM42A	FTXM50R + RXM50A	FTXM60R + RXM60A
Cooling capacity	Min.		kW	1.3		1.4		1.7	
	Min.		Btu/h	4,400		4,800		5,800	
	Min.		kcal/h	1,118		1,204		1,462	
	Nom.		kW	2	2.5	3.4	4.2	5	6
	Nom.		Btu/h	6,800	8,500	11,600	14,300	17,100	20,500
	Nom.		kcal/h	1,720	2,150	2,923	3,611	4,299	5,159
	Max.		kW	2.6	3.2	4	5	6	7
	Max.		Btu/h	8,900	10,900	13,600	17,100	20,500	23,900
	Max.		kcal/h	2,236	2,752	3,439	4,299	5,159	6,019
Heating capacity	Min.		kW	1.3		1.4		1.7	
	Min.		Btu/h	4,400		4,800		5,800	
	Min.		kcal/h	1,100		1,200	1,462	1,500	
	Nom.		kW	2.5	2.8	4	5.4	5.8	7
	Nom.		Btu/h	8,500	9,600	13,600	18,400	19,800	23,900
	Nom.		kcal/h	2,150	2,408	3,439	4,643	4,987	6,019
	Max.		kW	3.5	4.7	5.2	6	7.7	8
	Max.		Btu/h	11,900	16,000	17,700	20,500	26,300	27,300
	Max.		kcal/h	3,009	4,041	4,471	5,159	6,621	6,879
Power input	Cooling	Nom.	kW	0.44	0.56	0.8	1.39	1.36	1.77
	Heating	Nom.	kW	0.5	0.56	0.99	1.36	1.45	1.94
Nominal efficiency	EER			4.57	4.5	4.23	3.03	3.68	3.39
	COP			5		4.04	3.98	4	3.61
	Annual energy consumption		kWh	219	278	402	693	679	885
	Energy labeling Directive	Cooling		A			B	A	
		Heating		A					
Space cooling	Energy efficiency class			A+++			A++		
	Capacity	Pdesign	kW	2	2.5	3.4	4.2	5	6
	SEER			8.65			7.1	7.41	6.9
	Annual energy consumption		kWh/a	81	101	137	207	236	304
Space heating (Average climate)	Energy efficiency class			A+++			A++		A+
	Capacity	Pdesign	kW	2.3	2.4	2.5	4	4.6	4.8
	SCOP/A			5.1			4.71		4.3
	SCOPnet/A			5.13	5.14		4.77	4.72	4.31
	Pdh Heating capacity at -10°		kW	2.24	2.3	2.35	2.97	3.85	3.99
	Annual energy consumption		kWh/a	631	659	686	1,190	1,368	1,562
	Required back up heating cap at design conditions		kW	0.06	0.1	0.15	1.03	0.75	0.81
Space heating (Warm climate)	Energy efficiency class			A+++					
	Capacity	Pdesignh	kW	1.24	1.3	1.35	2.16	2.48	2.63
	SCOP			6.19	6.15	6.18	6.01	5.83	5.51
	SCOPnet			6.32	6.25	6.28	6.08	5.93	5.6
	Annual energy consumption		kWh/a	279	296	306	503	596	668
	Required back up heating cap at design conditions		kW	0					

2 Specifications

2 - 1 Specifications

Technical specifications					FTXM20R + RXM20A	FTXM25R + RXM25A	FTXM35R + RXM35A	FTXM42R + RXM42A	FTXM50R + RXM50A	FTXM60R + RXM60A
Space cooling	A Condition (35°C - 27/19)	Pdc		kW	2	2.5	3.4	4.2	5	6
		EERd			4.57	4.5	4.23	3.03	3.68	3.39
		Power input		kW	0.44	0.56	0.8	1.39	1.36	1.77
	B Condition (30°C - 27/19)	Pdc		kW	1.48	1.85	2.51	3.1	3.69	4.43
		EERd			6.73	6.54	6.27	5.36	5.85	4.82
		Power input		kW	0.22	0.28	0.4	0.58	0.63	0.92
	C Condition (25°C - 27/19)	Pdc		kW	1.1	1.19	1.62	1.99	2.37	2.85
		EERd			10.52	10.14	10.16	9.1	8.43	8.09
		Power input		kW	0.1	0.12	0.16	0.22	0.28	0.35
	D Condition (20°C - 27/19)	Pdc		kW	1.05	1.17	1.07	1.77	1.83	1.93
		EERd			16.53	16.51	16.34	11.86	13	13.26
		Power input		kW	0.06	0.07		0.15	0.14	0.15
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-20			-10	-20	
	E condition (-10°C)	Pdh (declared heating cap)		kW	2.14			2.97	3.85	3.99
		COPd (declared COP)			2.29		2.5	2.84	2.05	2.53
		Power input		kW	0.93		0.86	1.05	1.88	1.58
	TBivalent	Tbiv (bivalent temperature)		°C	-7					
		Pdh (declared heating cap)		kW	2.04	2.13	2.22	3.54	4.07	4.26
		COPd (declared COP)			3.51	3.6	3.55	3.24	2.97	2.68
		Power input		kW	0.58	0.59	0.63	1.09	1.37	1.59
	A Condition (-7°C)	Pdh (declared heating cap)		kW	2.04	2.13	2.22	3.54	4.07	4.26
		COPd (declared COP)			3.51	3.6	3.55	3.24	2.97	2.68
		Power input		kW	0.58	0.59	0.63	1.09	1.37	1.59
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.24	1.3	1.35	2.16	2.48	2.63
		COPd (declared COP)			5.16	5.14	5.11	4.59	4.83	4.31
		Power input		kW	0.24	0.25	0.26	0.47	0.51	0.61
	C Condition (7°C)	Pdh (declared heating cap)		kW	0.96	0.94	0.93	1.39	1.7	1.67
		COPd (declared COP)			6.34	6.26	6.25	6.17	6.05	5.64
		Power input		kW	0.15			0.23	0.28	0.3
	D Condition (12°C)	Pdh (declared heating cap)		kW	0.99	1.08		1.61	1.98	1.96
		COPd (declared COP)			7.99	7.85	7.72	7.39	7.22	6.82
Space heating (Average climate)	D Condition (12°C)	Power input		kW	0.12	0.14		0.22	0.27	0.29
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-20			2	-20	
	E condition (2°C)	Pdh (declared heating cap)		kW	2.14			2.16	2.48	2.63
		COPd (declared COP)			2.29		2.5	4.59	4.83	4.31
		Power input		kW	0.93		0.86	0.47	0.51	0.61
	TBivalent	Tbiv (bivalent temperature)		°C	2					
		Pdh (declared heating cap)		kW	1.24	1.3	1.35	2.16	2.48	2.63
		COPd (declared COP)			5.16	5.14	5.11	4.59	4.83	4.31
		Power input		kW	0.24	0.25	0.26	0.47	0.51	0.61
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.24	1.3	1.35	2.16	2.48	2.63
		COPd (declared COP)			5.16	5.14	5.11	4.59	4.83	4.31
		Power input		kW	0.24	0.25	0.26	0.47	0.51	0.61
	C Condition (7°C)	Pdh (declared heating cap)		kW	0.96	0.94	0.93	1.39	1.7	1.67
		COPd (declared COP)			6.34	6.26	6.25	6.17	6.05	5.64
		Power input		kW	0.15			0.23	0.28	0.3
	D Condition (12°C)	Pdh (declared heating cap)		kW	0.99	1.08		1.61	1.98	1.96
		COPd (declared COP)			7.99	7.85	7.72	7.39	7.22	6.82
		Power input		kW	0.12	0.14		0.22	0.27	0.29
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	7			8	14	
			Cooling	W	6			7	12	
	Standby mode	Cooling	PSB	W	1					
		Heating	PSB	W	1					
	Crankcase heater mode	PCK		W	0					
	Off mode	POFF		W	1					
Cooling	Cdc (Degradation cooling)				0.25					
Heating	Cdh (Degradation heating)				0.25					
Cooling function included					Yes					
Heating function included					Yes					
Average climate included					Yes					
Cold season included					No					
Warm season included					Yes					

2 Specifications

2 - 1 Specifications

Technical specifications					FTXM20R + RXM20A	FTXM25R + RXM25A	FTXM35R + RXM35A	FTXM42R + RXM42A	FTXM50R + RXM50A	FTXM60R + RXM60A
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	59	58	61		62	63
	Sound power level indoor	Cooling	Nom.	dBA	57		58	60	58	60
	Piping length	Cooling	Measuring condition	m	5					
Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	B Condition (2°C) - SCOPnet/A	COPd (declared COP)			4.91 - 4.94	4.94 - 4.97	4.92 - 4.98	4.59 - 4.77	---	
	SCOPnet/A				4.94	4.97	4.98	4.77	-	
	C Condition (7°C) - SCOPnet/A	Pdh (declared heating cap)		kW	0.96 - 4.94	0.94 - 4.97	0.93 - 4.98	1.39 - 4.77	---	

Technical specifications				FTXM71R + RXM71A
Cooling capacity	Min.		kW	2.3
	Min.		Btu/h	7,800
	Min.		kcal/h	1,978
	Nom.		kW	7.1
	Nom.		Btu/h	24,200
	Nom.		kcal/h	6,105
	Max.		kW	8.5
	Max.		Btu/h	29,000
	Max.		kcal/h	7,309
Heating capacity	Min.		kW	2.3
	Min.		Btu/h	7,800
	Min.		kcal/h	2,000
	Nom.		kW	8.2
	Nom.		Btu/h	28,000
	Nom.		kcal/h	7,051
	Max.		kW	10.2
	Max.		Btu/h	34,800
	Max.		kcal/h	8,770
Power input	Cooling	Nom.	kW	2.34
	Heating	Nom.	kW	2.57
Nominal efficiency	EER			3.03
	COP			3.19
	Annual energy consumption		kWh	1,172
	Energy labeling Directive	Cooling		B
		Heating		D
Space cooling	Energy efficiency class			A++
	Capacity	Pdesign	kW	7.1
	SEER			6.2
	Annual energy consumption		kWh/a	401
Space heating (Average climate)	Energy efficiency class			A+
	Capacity	Pdesign	kW	6.2
	SCOP/A			4.1
	SCOPnet/A			4.13
	Pdh Heating capacity at -10°		kW	5.01
	Annual energy consumption		kWh/a	2,116
	Required back up heating cap at design conditions		kW	1.19
Space heating (Warm climate)	Energy efficiency class			A+++
	Capacity	Pdesignh	kW	3.34
	SCOP			5.74
	SCOPnet			5.81
	Annual energy consumption		kWh/a	814
	Required back up heating cap at design conditions		kW	3.34

2 Specifications

2 - 1 Specifications

Technical specifications					FTXM71R + RXM71A
Space cooling	A Condition (35°C - 27/19)	Pdc		kW	7.1
		EERd			3.03
		Power input		kW	2.34
	B Condition (30°C - 27/19)	Pdc		kW	5.24
		EERd			4.88
		Power input		kW	1.07
	C Condition (25°C - 27/19)	Pdc		kW	3.37
		EERd			7.39
		Power input		kW	0.46
	D Condition (20°C - 27/19)	Pdc		kW	2.6
		EERd			9.69
		Power input		kW	0.27
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15
	E condition (-10°C)	Pdh (declared heating cap)		kW	5.01
		COPd (declared COP)			2.01
		Power input		kW	2.49
	TBivalent	Tbiv (bivalent temperature)		°C	-7
		Pdh (declared heating cap)		kW	5.49
		COPd (declared COP)			2.14
		Power input		kW	2.57
	A Condition (-7°C)	Pdh (declared heating cap)		kW	5.49
		COPd (declared COP)			2.14
		Power input		kW	2.57
	B Condition (2°C)	Pdh (declared heating cap)		kW	3.34
		COPd (declared COP)			4.18
		Power input		kW	0.8
	C Condition (7°C)	Pdh (declared heating cap)		kW	2.32
		COPd (declared COP)			5.8
		Power input		kW	0.4
	D Condition (12°C)	Pdh (declared heating cap)		kW	2.38
		COPd (declared COP)			7.17
Space heating (Average climate)	D Condition (12°C)	Power input		kW	0.33
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15
	E condition (2°C)	Pdh (declared heating cap)		kW	3.34
		COPd (declared COP)			4.18
		Power input		kW	0.8
	TBivalent	Tbiv (bivalent temperature)		°C	2
		Pdh (declared heating cap)		kW	3.34
		COPd (declared COP)			4.18
		Power input		kW	0.8
	B Condition (2°C)	Pdh (declared heating cap)		kW	3.34
		COPd (declared COP)			4.18
		Power input		kW	0.8
	C Condition (7°C)	Pdh (declared heating cap)		kW	2.32
		COPd (declared COP)			5.8
		Power input		kW	0.4
	D Condition (12°C)	Pdh (declared heating cap)		kW	2.38
		COPd (declared COP)			7.17
		Power input		kW	0.33
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	13
			Cooling	W	12
	Standby mode	Cooling	PSB	W	1
		Heating	PSB	W	1
	Crankcase heater mode	PCK		W	0
	Off mode	POFF		W	1
Cooling	Cdc (Degradation cooling)				0.25
Heating	Cdh (Degradation heating)				0.25
Cooling function included					Yes
Heating function included					Yes
Average climate included					Yes
Cold season included					No
Warm season included					Yes

2 Specifications

2 - 1 Specifications

Technical specifications					FTXM71R + RXM71A
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	66
	Sound power level indoor	Cooling	Nom.	dBA	62
	Piping length	Cooling	Measuring condition	m	5

See separate drawing for operation range |
See separate drawing for electrical data |
Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m.

Technical specifications					FHA50A9 + RXM50A	FHA60A9 + RXM60A
Cooling capacity	Nom.			kW	5.00	5.7
	Nom.			Btu/h	17,100	19,400
	Nom.			kcal/h	4,299	4,884
Heating capacity	Nom.			kW	6.00	7.2
	Nom.			Btu/h	20,500	24,600
	Nom.			kcal/h	5,159	6,191
Power input	Cooling	Nom.		kW	1.56	1.73
	Heating	Nom.		kW	1.79	2.17
Nominal efficiency	EER				3.21	3.29
	COP				3.35	3.32
	Annual energy consumption			kWh	779	866
	Energy labeling Directive	Cooling			A	
		Heating			C	
Space cooling	Energy efficiency class				A+	
	Capacity	Pdesign		kW	5.00	5.7
	SEER				5.92	6.08
	Annual energy consumption			kWh/a	295	328
Space heating (Average climate)	Capacity	Pdesign		kW	4.35	4.71
	Energy efficiency class				A	
	SCOP/A				3.86	3.87
	SCOPnet/A				3.88	3.89
	Pdh Heating capacity at -10°			kW	3.85	4.08
	Annual energy consumption			kWh/a	1,577	1,704
	Required back up heating cap at design conditions			kW	0.50	0.63
Space heating (Warm climate)	Capacity	Pdesignh		kW	2.35	2.54
	Energy efficiency class				A+	A++
	SCOP				4.59	4.61
	SCOPnet				4.64	4.67
	Annual energy consumption			kWh/a	716	771
	Required back up heating cap at design conditions			kW	0.00	0
Space cooling	A Condition (35°C - 27/19)	Pdc		kW	5.00	5.7
		EERd			3.21	3.29
		Power input		kW	1.56	1.73
	B Condition (30°C - 27/19)	Pdc		kW	3.69	4.2
		EERd			5.04	4.88
		Power input		kW	0.73	0.86
Space cooling	C Condition (25°C - 27/19)	Pdc		kW	2.37	2.71
		EERd			8.25	8.34
		Power input		kW	0.29	0.33
	D Condition (20°C - 27/19)	Pdc		kW	2.31	2.26
		EERd			10.39	10.97
		Power input		kW	0.22	0.21

2 Specifications

2 - 1 Specifications

Technical specifications					FHA50A9 + RXM50A	FHA60A9 + RXM60A
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15	-10
		COPd (declared COP)			1.97	-
	TBivalent	Tbiv (bivalent temperature)		°C	-7	
		Pdh (declared heating cap)		kW	3.85	4.12
		COPd (declared COP)			2.61	2.64
		Power input		kW	1.48	1.56
	A Condition (-7°C)	Pdh (declared heating cap)		kW	3.85	4.17
		COPd (declared COP)			2.61	2.64
		Power input		kW	1.48	1.56
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.35	2.54
		COPd (declared COP)			3.95	3.96
		Power input		kW	0.59	0.64
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.54	1.63
		COPd (declared COP)			4.62	4.6
		Power input		kW	0.33	0.35
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.80	1.74
		COPd (declared COP)			5.65	
		Power input		kW	0.32	0.31
	E condition (-10°C)	Pdh (declared heating cap)		kW	-	3.85	4.05
		COPd (declared COP)			-	1.97	
		Power input		kW	-	1.95	1.99
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15	
	TBivalent	Tbiv (bivalent temperature)		°C	2	
		Pdh (declared heating cap)		kW	2.35	2.54
		COPd (declared COP)			3.95	3.96
		Power input		kW	0.59	0.64
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.35	2.54
		COPd (declared COP)			3.95	3.96
		Power input		kW	0.59	0.64
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.54	1.63
		COPd (declared COP)			4.62	4.6
Space heating (Warm climate)	C Condition (7°C)	Power input		kW	0.33	0.35
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.80	1.74
		COPd (declared COP)			5.65	
		Power input		kW	0.32	0.31
	E condition (2°C)	Pdh (declared heating cap)		kW	-	3.85	3.92
		COPd (declared COP)			-	1.97	
		Power input		kW	-	1.95	1.99
Power consumption in other than active mode	Crankcase heater mode	PCK		W	0	
	Off mode	POFF		W	15	
	Standby mode	Cooling	PSB	W	15	
		Heating	PSB	W	15	
	Thermo-stat-off mode	PTO	Cooling	W	10	
			Heating	W	10	
Cooling	Cdc (Degradation cooling)				0.25	
Heating	Cdh (Degradation heating)				0.25	
Cooling function included					Yes	
Heating function included					Yes	
Average climate included					Yes	
Cold season included					No	
Warm season included					Yes	
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62	63
	Sound power level indoor	Cooling	Nom.	dBA	54	
	Piping length	Cooling	Measuring condition	m	5.00	5

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

2 Specifications

2 - 1 Specifications

Technical specifications				FVXM50A + RXM50A
Cooling capacity	Min.		kW	1.40
	Min.		Btu/h	4,800
	Min.		kcal/h	1,204
	Nom.		kW	5.00
	Nom.		Btu/h	17,100
	Nom.		kcal/h	4,299
	Max.		kW	5.80
	Max.		Btu/h	19,800
	Max.		kcal/h	4,987
Heating capacity	Min.		kW	1.40
	Min.		Btu/h	4,800
	Min.		kcal/h	1,200
	Nom.		kW	5.80
	Nom.		Btu/h	19,800
	Nom.		kcal/h	4,987
	Max.		kW	8.10
	Max.		Btu/h	27,600
	Max.		kcal/h	6,965
Power input	Cooling	Nom.	kW	1.31
	Heating	Nom.	kW	1.52
Nominal efficiency	EER			3.81
	COP			3.81
	Annual energy consumption		kWh	656
	Energy labeling Directive	Cooling		A
		Heating		A
Space cooling	Energy efficiency class			A++
	Capacity	Pdesign	kW	5.00
	SEER			7.30
	Annual energy consumption		kWh/a	240
Space heating (Average climate)	Capacity	Pdesign	kW	4.10
	Energy efficiency class			A+
	SCOP/A			4.31
	SCOPnet/A			4.35
	Pdh Heating capacity at -10°		kW	3.58
	Annual energy consumption		kWh/a	1,330
	Required back up heating cap at design conditions		kW	0.52
Space heating (Warm climate)	Capacity	Pdesignh	kW	2.21
	Energy efficiency class			A++
	SCOP			4.85
	SCOPnet			4.94
	Annual energy consumption		kWh/a	638
	Required back up heating cap at design conditions		kW	0.00
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	5.00
		EERd		3.81
		Power input	kW	1.31
	B Condition (30°C - 27/19)	Pdc	kW	3.69
		EERd		5.49
		Power input	kW	0.67
	C Condition (25°C - 27/19)	Pdc	kW	2.37
		EERd		8.59
		Power input	kW	0.28
	D Condition (20°C - 27/19)	Pdc	kW	2.20
		EERd		12.51
		Power input	kW	0.18

2 Specifications

2 - 1 Specifications

Technical specifications					FVXM50A + RXM50A
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15
		COPd (declared COP)			1.82
	TBivalent	Tbiv (bivalent temperature)		°C	-7
		Pdh (declared heating cap)		kW	3.63
		COPd (declared COP)			3.16
		Power input		kW	1.15
	A Condition (-7°C)	Pdh (declared heating cap)		kW	3.63
		COPd (declared COP)			3.16
		Power input		kW	1.15
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.21
		COPd (declared COP)			4.45
		Power input		kW	0.50
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.67
		COPd (declared COP)			5.15
		Power input		kW	0.32
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.84
		COPd (declared COP)			5.98
		Power input		kW	0.31
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15
Space heating (Warm climate)	TBivalent	Tbiv (bivalent temperature)		°C	2
		Pdh (declared heating cap)		kW	2.21
		COPd (declared COP)			4.45
		Power input		kW	0.50
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.21
		COPd (declared COP)			4.45
		Power input		kW	0.50
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.67
		COPd (declared COP)			5.15
		Power input		kW	0.32
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.84
		COPd (declared COP)			5.98
		Power input		kW	0.31
Power consumption in other than active mode	Crankcase heater mode	PCK		W	0
	Off mode	POFF		W	1
	Standby mode	Cooling	PSB	W	1
		Heating	PSB	W	1
	Thermo-stat-off mode	PTO	Cooling	W	7
			Heating	W	15
Cooling	Cdc (Degradation cooling)				0.25
Heating	Cdh (Degradation heating)				0.25
Cooling function included					Yes
Heating function included					Yes
Average climate included					Yes
Cold season included					No
Warm season included					Yes
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62
	Sound power level indoor	Cooling	Nom.	dBA	61
	Piping length	Cooling	Measuring condition	m	5.00

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

Technical specifications			FVXM50A9 + RXM50A
Cooling capacity	Min.	kW	1.40
	Min.	Btu/h	4,800
	Min.	kcal/h	1,204
	Nom.	kW	5.00
	Nom.	Btu/h	17,100
	Nom.	kcal/h	4,299
	Max.	kW	5.80
	Max.	Btu/h	19,800
	Max.	kcal/h	4,987

2 Specifications

2 - 1 Specifications

Technical specifications				FVXM50A9 + RXM50A
Heating capacity	Min.		kW	1.40
	Min.		Btu/h	4,800
	Min.		kcal/h	1,200
	Nom.		kW	5.80
	Nom.		Btu/h	19,800
	Nom.		kcal/h	4,987
	Max.		kW	8.10
	Max.		Btu/h	27,600
	Max.		kcal/h	6,965
Power input	Cooling	Nom.	kW	1.31
	Heating	Nom.	kW	1.52
Nominal efficiency	EER			3.81
	COP			3.81
	Annual energy consumption		kWh	656
	Energy labeling Directive	Cooling		A
		Heating		A
Space cooling	Energy efficiency class			A++
	Capacity	Pdesign	kW	5.00
	SEER			7.30
	Annual energy consumption		kWh/a	240
Space heating (Average climate)	Capacity	Pdesign	kW	4.10
	Energy efficiency class			A+
	SCOP/A			4.31
	SCOPnet/A			4.35
	Pdh Heating capacity at -10°		kW	3.58
	Annual energy consumption		kWh/a	1,330
	Required back up heating cap at design conditions		kW	0.52
Space heating (Warm climate)	Capacity	Pdesignh	kW	2.21
	Energy efficiency class			A++
	SCOP			4.85
	SCOPnet			4.94
	Annual energy consumption		kWh/a	638
	Required back up heating cap at design conditions		kW	0.00
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	5.00
		EERd		3.81
		Power input	kW	1.31
	B Condition (30°C - 27/19)	Pdc	kW	3.69
		EERd		5.49
		Power input	kW	0.67
	C Condition (25°C - 27/19)	Pdc	kW	2.37
		EERd		8.59
		Power input	kW	0.28
	D Condition (20°C - 27/19)	Pdc	kW	2.20
		EERd		12.51
		Power input	kW	0.18
Space heating (Average climate)	TOL	Tol (temperature operating limit)	°C	-15
		COPd (declared COP)		1.82
	TBivalent	Tbiv (bivalent temperature)	°C	-7
		Pdh (declared heating cap)	kW	3.63
		COPd (declared COP)		3.16
		Power input	kW	1.15
	A Condition (-7°C)	Pdh (declared heating cap)	kW	3.63
		COPd (declared COP)		3.16
		Power input	kW	1.15
	B Condition (2°C)	Pdh (declared heating cap)	kW	2.21
		COPd (declared COP)		4.45
		Power input	kW	0.50
	C Condition (7°C)	Pdh (declared heating cap)	kW	1.67
		COPd (declared COP)		5.15
		Power input	kW	0.32
	D Condition (12°C)	Pdh (declared heating cap)	kW	1.84
		COPd (declared COP)		5.98
		Power input	kW	0.31
Space heating (Warm climate)	TOL	Tol (temperature operating limit)	°C	-15

2 Specifications

2 - 1 Specifications

Technical specifications					FVXM50A9 + RXM50A
Space heating (Warm climate)	TBivalent	Tbiv (bivalent temperature)		°C	2
		Pdh (declared heating cap)		kW	2.21
		COPd (declared COP)			4.45
		Power input		kW	0.50
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.21
		COPd (declared COP)			4.45
		Power input		kW	0.50
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.67
		COPd (declared COP)			5.15
		Power input		kW	0.32
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.84
		COPd (declared COP)			5.98
		Power input		kW	0.31
Power consumption in other than active mode	Crankcase heater mode	PCK		W	0
	Off mode	POFF		W	1
	Standby mode	Cooling	PSB	W	1
		Heating	PSB	W	1
	Thermo-stat-off mode	PTO	Cooling	W	7
			Heating	W	15
Cooling	Cdc (Degradation cooling)				0.25
Heating	Cdh (Degradation heating)				0.25
Cooling function included					Yes
Heating function included					Yes
Average climate included					Yes
Cold season included					No
Warm season included					Yes
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62
	Sound power level indoor	Cooling	Nom.	dBA	61
	Piping length	Cooling	Measuring condition	m	5.00

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

3 Electrical data

3 - 1 Electrical Data

ARXM35A9
ARXM25-35A
RXM25-35A9
RXM20-42A

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Outdoor unit	Indoor unit	Hz	Voltage	Voltage range	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
RXM20A5V1B	FTXM20A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	9,19	10	30	2	0,05	0,63	0,02	0,22
		50	230					1,9				
		50	240					1,8				
RXM20A5V1B	FTXM20A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	9,19	10	30	2	0,05	0,63	0,02	0,22
		50	230					1,9				
		50	240					1,8				
RXM25A5V1B	FTXM25A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10	13	38	2,5	0,05	0,63	0,02	0,22
		50	230					2,4				
		50	240					2,3				
RXM25A5V1B	FTXM25A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10	13	38	2,5	0,05	0,63	0,02	0,22
		50	230					2,4				
		50	240					2,3				
RXM35A5V1B	FTXM35A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,6	0,05	0,63	0,03	0,31
		50	230					3,4				
		50	240					3,3				
RXM35A5V1B	FTXM35A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,6	0,05	0,63	0,03	0,31
		50	230					3,4				
		50	240					3,3				
RXM42A5V1B	FTXM42A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	11,5	13	46	4,7	0,05	0,63	0,04	0,36
		50	230					4,5				
		50	240					4,3				
RXM42A5V1B	FTXM42A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	11,5	13	46	4,7	0,05	0,63	0,04	0,36
		50	230					4,5				
		50	240					4,3				
ARXM25A5V1B	ATXM25A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10	13	38	2,5	0,05	0,63	0,02	0,22
		50	230					2,4				
		50	240					2,3				
ARXM25A5V1B	ATXM25A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10	13	38	2,5	0,05	0,63	0,02	0,22
		50	230					2,4				
		50	240					2,3				
ARXM35A5V1B	ATXM35A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,7	0,05	0,63	0,03	0,31
		50	230					3,5				
		50	240					3,4				
ARXM35A5V1B	ATXM35A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,7	0,05	0,63	0,03	0,31
		50	230					3,5				
		50	240					3,4				

Symbols
- MCA: Minimum Circuit Ampere [A]
- MFA: Maximum Fuse Ampere [A]
- RLA: Rated load amps [A]
- OFM: Outdoor fan motor
- IFM: Indoor fan motor
- FLA: Full load amps [A]
- kW: Fan motor rated output [kW]
- RHz: Rated operating frequency [Hz]

Notes
1) The RLA is based on the following conditions.
   Outdoor temperature 35°C DB
   Indoor temperature 27°C DB / 19°C WB
2) Select the wire size according to the MCA.
3) The maximum allowable voltage that is unbalanced between phases is 2%.
4) Use a circuit breaker instead of a fuse.

4D148957A

3 Electrical data

3 - 1 Electrical Data

ARXM35A9
ARXM25-35A
RXM25-35A9
RXM20-42A

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Outdoor unit	Indoor unit	Hz	Voltage	Voltage range	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
RXM25A5V1B9	FTXM25A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10	13	38	2,5	0,05	0,63	0,02	0,22
		50	230					2,4				
		50	240					2,3				
RXM25A5V1B9	FTXM25A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10	13	38	2,5	0,05	0,63	0,02	0,22
		50	230					2,4				
		50	240					2,3				
RXM35A5V1B9	FTXM35A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,6	0,05	0,63	0,03	0,31
		50	230					3,4				
		50	240					3,3				
RXM35A5V1B9	FTXM35A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,6	0,05	0,63	0,03	0,31
		50	230					3,4				
		50	240					3,3				
ARXM35A5V1B9	ATXM35A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,7	0,05	0,63	0,03	0,31
		50	230					3,5				
		50	240					3,4				
ARXM35A5V1B9	ATXM35A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,7	0,05	0,63	0,03	0,31
		50	230					3,5				
		50	240					3,4				

Symbols
- MCA: Minimum Circuit Ampere [A]
- MFA: Maximum Fuse Ampere [A]
- RLA: Rated load amps [A]
- OFM: Outdoor fan motor
- IFM: Indoor fan motor
- FLA: Full load amps [A]
- kW: Fan motor rated output [kW]
- RHz: Rated operating frequency [Hz]

Notes
1) The RLA is based on the following conditions.
   Outdoor temperature 35°C DB
   Indoor temperature 27°C DB / 19°C WB
2) Select the wire size according to the MCA.
3) The maximum allowable voltage that is unbalanced between phases is 2%.
4) Use a circuit breaker instead of a fuse.

4D148957A

3 Electrical data

3 - 1 Electrical Data

ARXM50A
RXM50A

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Outdoor unit	Indoor unit	Hz	Voltage	Voltage range	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
RXM50A5V1B	FTXM50A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,28	16	64	6,5	0,056	0,37	0,04	0,36
		50	230					6,2				
		50	240					5,9				
RXM50A5V1B	FTXM50A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,28	16	64	6,5	0,056	0,37	0,04	0,36
		50	230					6,2				
		50	240					5,9				
RXM50A5V1B	FVXM50A3V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,04	16	58	5,3	0,056	0,37	0,037	0,14
		50	230					5,1				
		50	240					4,9				
RXM50A5V1B	FVXM50A3V1B9	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,04	16	58	5,3	0,056	0,37	0,037	0,14
		50	230					5,1				
		50	240					4,9				
RXM50A5V1B	FCAG50BVEB	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,21	16	58	5,2	0,056	0,37	0,048	0,3
		50	230					5				
		50	240					4,8				
RXM50A5V1B	FBA50A2VEB9	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	15,42	16	55	5,2	0,056	0,37	0,089	1,4
		50	230					5				
		50	240					4,8				
RXM50A5V1B	FHA50AVEB98	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,54	16	64	5,5	0,056	0,37	0,09	0,6
		50	230					5,3				
		50	240					5,2				
RXM50A5V1B	FFA50A2VEB9	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,32	16	62	5,6	0,056	0,37	0,05	0,4
		50	230					5,4				
		50	240					5,3				
RXM50A5V1B	FDXM50F3V1B9	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,87	16	55	4,9	0,056	0,37	0,06	0,9
		50	230					4,7				
		50	240					4,5				
RXM50A5V1B	FNA50A2VEB9	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,43	16	55	4,9	0,056	0,37	0,06	0,5
		50	230					4,7				
		50	240					4,5				
ARXM50A5V1B	ATXM50A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,28	16	64	6,7	0,056	0,37	0,04	0,36
		50	230					6,4				
		50	240					6,1				
ARXM50A5V1B	ATXM50A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,28	16	64	6,7	0,056	0,37	0,04	0,36
		50	230					6,4				
		50	240					6,1				
ARXM50A5V1B	ADEA50A2VEB	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	15,42	16	55	5,2	0,056	0,37	0,089	1,4
		50	230					5				
		50	240					4,8				
RXM50A5V1B	FVXM50B2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,04	16	58	5,3	0,056	0,37	0,037	0,14
		50	230					5,1				
		50	240					4,9				

Symbols

MCA:	Minimum Circuit Ampere [A]
MFA:	Maximum Fuse Ampere [A]
RLA:	Rated load amps [A]
OFM:	Outdoor fan motor
IFM:	Indoor fan motor
FLA:	Full load amps [A]
kW:	Fan motor rated output [kW]
RHz:	Rated operating frequency [Hz]

Notes

1) The RLA is based on the following conditions.
   Outdoor temperature 35°C DB
   Indoor temperature 27°C DB / 19°C WB
2) Select the wire size according to the MCA.
3) The maximum allowable voltage that is unbalanced between phases is 2%.
4) Use a circuit breaker instead of a fuse.

4D148958A

3 Electrical data

3 - 1 Electrical Data

ARXM50A9
ARXM60-71A
RXM50A9
RXM60-71A

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Outdoor unit	Indoor unit	Hz	Voltage	Voltage range	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
RXM50A5V1B9	FTXM50A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.78	16	64	6.5	0.066	0.83	0.040	0.36
		50	230					6.2				
		50	240					5.9				
RXM50A5V1B9	FTXM50A5V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.78	16	64	6.5	0.066	0.83	0.040	0.36
		50	230					6.2				
		50	240					5.9				
RXM50A5V1B9	FVXM50A3V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.54	16	58	5.3	0.066	0.83	0.037	0.14
		50	230					5.1				
		50	240					4.9				
RXM50A5V1B9	FVXM50A3V1B9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.54	16	58	5.3	0.066	0.83	0.037	0.14
		50	230					5.1				
		50	240					4.9				
RXM50A5V1B9	FCAG50BVEB	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.71	16	58	5.2	0.066	0.83	0.048	0.30
		50	230					5.0				
		50	240					4.8				
RXM50A5V1B9	FBA50A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.92	16	55	5.2	0.066	0.83	0.089	1.40
		50	230					5.0				
		50	240					4.8				
RXM50A5V1B9	FHA50AVEB98	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.04	16	64	5.5	0.066	0.83	0.090	0.60
		50	230					5.3				
		50	240					5.2				
RXM50A5V1B9	FFA50A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.82	16	62	5.6	0.066	0.83	0.050	0.40
		50	230					5.4				
		50	240					5.3				
RXM50A5V1B9	FDXM50F3V1B9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.37	16	55	4.9	0.066	0.83	0.060	0.90
		50	230					4.7				
		50	240					4.5				
RXM50A5V1B9	FNA50A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.93	16	55	4.9	0.066	0.83	0.060	0.50
		50	230					4.7				
		50	240					4.5				
ARXM50A5V1B9	ATXM50A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.78	16	64	6.7	0.066	0.83	0.040	0.36
		50	230					6.4				
		50	240					6.1				
ARXM50A5V1B9	ATXM50A5V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.78	16	64	6.7	0.066	0.83	0.040	0.36
		50	230					6.4				
		50	240					6.1				
ARXM50A5V1B9	ADEA50A2VEB	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.92	16	55	5.2	0.066	0.83	0.089	1.40
		50	230					5.0				
		50	240					4.8				
ARXM60A5V1B	ADEA60A2VEB	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.92	16	66	6.2	0.066	0.83	0.070	1.30
		50	230					6.0				
		50	240					5.7				
ARXM71A5V1B	ADEA71A2VEB	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.92	16	81	8.2	0.066	0.83	0.070	1.30
		50	230					7.8				
		50	240					7.5				
ARXM71A5V1B	FCAG71BVEB	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.37	16	81	8.1	0.066	0.83	0.054	0.40
		50	230					7.7				
		50	240					7.4				
ARXM71A5V1B	FBA71A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.92	16	81	8.2	0.066	0.83	0.070	1.30
		50	230					7.8				
		50	240					7.5				
ARXM71A5V1B	FAA71BUV1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.37	16	83	8.3	0.066	0.83	0.048	0.40
		50	230					7.9				
		50	240					7.6				
RXM60A5V1B	FTXM60R2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.59	16	70	6.6	0.066	0.83	0.046	0.60
		50	230					6.3				
		50	240					6.0				
RXM60A5V1B	FTXM60A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.59	16	70	6.6	0.066	0.83	0.046	0.60
		50	230					6.3				
		50	240					6.0				
RXM60A5V1B	FCAG60BVEB	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.26	16	71	6.5	0.066	0.83	0.048	0.30
		50	230					6.3				
		50	240					6.2				
RXM60A5V1B	FBA60A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.92	16	66	6.1	0.066	0.83	0.070	1.30
		50	230					6.0				
		50	240					5.8				
RXM60A5V1B	FHA60AVEB98	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.59	16	62	5.5	0.066	0.83	0.091	0.60
		50	230					5.3				
		50	240					5.1				
RXM60A5V1B	FFA60A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.59	16	70	6.5	0.066	0.83	0.050	0.60
		50	230					6.3				
		50	240					6.2				
RXM60A5V1B	FDXM60F3V1B9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.92	16	73	6.7	0.066	0.83	0.060	0.90
		50	230					6.5				
		50	240					6.4				
RXM60A5V1B	FNA60A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.59	16	73	6.7	0.066	0.83	0.060	0.60
		50	230					6.5				
		50	240					6.4				
RXM71A5V1B	FTXM71R2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	19.91	20	54	9.4	0.090	1.00	0.052	0.60
		50	230					8.9				
		50	240					8.6				
RXM71A5V1B	FTXM71A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	19.91	20	54	9.4	0.090	1.00	0.052	0.60
		50	230					8.9				
		50	240					8.6				

Symbols

MCA: Minimum Circuit Amperes [A]
MFA: Maximum Fuse Amperes [A]
COMP: Compressor
RHz: Rated operating frequency [H
RLA: Rated Load Amperes [A]
OFM: Outdoor fan motor
IFM: Indoor fan motor
kW: Fan motor rated output [kW]
FLA: Full Load Amperes [A]
MAX.: Maximum
MIN.: Minimum

Notes

1) The ·RLA· is based on the following conditions.
Outdoor temperature ·35·°C DB
Indoor temperature ·27·°C DB / ·19·°C WB
2) Select the wire size according to the MCA.
3) The maximum allowable voltage that is unbalanced between phases is ·2·%.
4) Use a circuit breaker instead of a fuse.

4D151784B

3 Electrical data

3 - 1 Electrical Data

ARXM50A9
ARXM60-71A
RXM50A9
RXM60-71A

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Outdoor unit	Indoor unit	Hz	Voltage	Voltage range	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
RXM50A5V1B9	FVXM50B2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.54	16	58	5.3	0.066	0.83	0.037	0.14
		50	230					5.1				
		50	240					4.9				
ARXM71A5V1B	FHA71AVEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.81	16	83	8.3	0.066	0.83	0.110	0.80
		50	230					7.9				
		50	240					7.6				
ARXM71A5V1B	FHA71AVEB99	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.81	16	83	8.3	0.066	0.83	0.110	0.80
		50	230					7.9				
		50	240					7.6				
ARXM71A5V1B	FHA71AVEB98	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.81	16	83	8.3	0.066	0.83	0.110	0.80
		50	230					7.9				
		50	240					7.6				

MCA: Minimum Circuit Amperes [A]
MFA: Maximum Fuse Amperes [A]
COMP: Compressor
RHz: Rated operating frequency [Hz]
RLA: Rated Load Amperes [A]
OFM: Outdoor fan motor
IFM: Indoor fan motor
kW: Fan motor rated output [kW]
FLA: Full Load Amperes [A]
MAX.: Maximum
MIN.: Minimum

1) The ·RLA· is based on the following conditions.
Outdoor temperature ·35·°C DB
Indoor temperature ·27·°C DB / ·19·°C WB
2) Select the wire size according to the MCA.
3) The maximum allowable voltage that is unbalanced between phases is ·2·%.
4) Use a circuit breaker instead of a fuse.

4D151784B

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXM20A / RXM20A

Cooling ·50Hz 220 -240V·

AFR	10,3
BF	0,17

Indoor air temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			**35**			40		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	2,05	1,90	0,29	1,96	1,86	0,31	1,86	1,81	0,34	1,83	1,80	0,35	1,77	1,77	0,37	1,68	1,68	0,40
16	22	2,14	1,87	0,29	2,05	1,83	0,32	1,95	1,79	0,34	1,92	1,78	0,35	1,86	1,75	0,37	1,77	1,71	0,40
18	25	2,23	2,01	0,29	2,14	1,97	0,32	2,05	1,94	0,35	2,01	1,92	0,36	1,95	1,90	0,37	1,86	1,86	0,40
19	**27**	2,28	2,17	0,29	2,19	2,13	0,32	2,09	2,09	0,35	2,06	2,06	0,36	2,00	2,00	0,37	1,91	1,91	0,40
22	30	2,42	2,11	0,29	2,32	2,08	0,32	2,23	2,05	0,35	2,19	2,03	0,36	2,14	2,02	0,38	2,05	1,99	0,40
24	32	2,51	2,07	0,30	2,42	2,04	0,32	2,32	2,01	0,35	2,29	2,00	0,36	2,23	1,98	0,38	2,14	1,96	0,41

Heating ·50Hz 220 -240V·

AFR	11,4

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	1,27	0,39	1,59	0,41	1,90	0,43	2,22	0,45	2,60	0,47	2,85	0,48
20	1,17	0,42	1,49	0,44	1,80	0,46	2,12	0,48	2,50	0,50	2,75	0,52
22	1,13	0,43	1,45	0,45	1,76	0,47	2,08	0,49	2,46	0,51	2,71	0,53
24	1,09	0,44	1,41	0,46	1,72	0,48	2,04	0,50	2,42	0,52	2,67	0,54
25	1,07	0,45	1,39	0,47	1,70	0,49	2,02	0,51	2,40	0,53	2,65	0,55
27	1,03	0,46	1,35	0,48	1,66	0,50	1,98	0,52	2,36	0,54	2,61	0,56

Heating capacity at nominal operating frequency, measured according to ·EN14511·.

Indoor air temperature	Outdoor temperature [°C WB]													
	-20		-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	1,82	0,72	2,34	0,81	2,85	0,89	3,37	0,98	3,38	1,06	4,50	1,17	4,91	1,23

Heating capacity at maximum operating frequency, measured according to ·EN14511·.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. ☐ Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

4D150084

FTXM25A / RXM25A

Cooling 50Hz 220 -240V

AFR	11,9
BF	0,16

Indoor air temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			**35**			40		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	2,56	2,29	0,37	2,44	2,23	0,40	2,33	2,18	0,44	2,28	2,16	0,45	2,21	2,13	0,48	2,10	2,08	0,51
16	22	2,68	2,25	0,37	2,56	2,20	0,41	2,44	2,15	0,44	2,40	2,13	0,46	2,33	2,10	0,48	2,21	2,05	0,51
18	25	2,79	2,41	0,37	2,68	2,36	0,41	2,56	2,32	0,44	2,51	2,30	0,46	2,44	2,27	0,48	2,33	2,23	0,52
19	**27**	2,85	2,59	0,37	2,73	2,55	0,41	2,62	2,50	0,45	2,57	2,48	0,46	2,50	2,46	0,48	2,38	2,38	0,52
22	30	3,02	2,52	0,38	2,91	2,48	0,41	2,79	2,44	0,45	2,74	2,42	0,46	2,67	2,40	0,48	2,56	2,36	0,52
24	32	3,14	2,47	0,38	3,02	2,43	0,42	2,90	2,40	0,45	2,86	2,38	0,46	2,79	2,36	0,49	2,67	2,33	0,52

Heating 50Hz 220 -240V

AFR	11,4

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	1,45	0,44	1,79	0,46	2,14	0,48	2,49	0,50	2,91	0,53	3,18	0,54
20	1,34	0,47	1,69	0,49	2,04	0,51	2,38	0,54	2,80	0,56	3,08	0,58
22	1,30	0,49	1,65	0,51	1,99	0,53	2,34	0,55	2,76	0,57	3,04	0,59
24	1,26	0,50	1,61	0,52	1,95	0,54	2,30	0,56	2,72	0,59	2,99	0,60
25	1,24	0,51	1,58	0,53	1,93	0,55	2,28	0,57	2,69	0,60	2,97	0,61
27	1,20	0,52	1,54	0,54	1,89	0,56	2,24	0,58	2,65	0,61	2,93	0,63

Heating capacity at nominal operating frequency, measured according to EN14511.

Indoor air temperature	Outdoor temperature [°C WB]													
	-20		-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	2,06	0,83	2,63	0,93	3,19	1,03	3,38	1,13	3,77	1,23	5,00	1,36	5,45	1,44

Heating capacity at maximum operating frequency, measured according to EN14511.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. ☐ Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D150085A

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXM35A / RXM35A

Cooling 50Hz 220 -240V

AFR	13,2
BF	0,23

Indoor air temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			**35**			40		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	3,59	2,79	0,58	3,42	2,71	0,64	3,26	2,63	0,69	3,19	2,60	0,71	3,10	2,55	0,75	2,93	2,48	0,80
16	22	3,75	2,74	0,58	3,58	2,67	0,64	3,42	2,59	0,70	3,36	2,57	0,72	3,26	2,52	0,75	3,10	2,45	0,81
18	25	3,91	2,89	0,59	3,75	2,82	0,64	3,58	2,75	0,70	3,52	2,73	0,72	3,42	2,69	0,75	3,26	2,62	0,81
19	**27**	3,99	3,07	0,59	3,83	3,00	0,64	3,66	2,93	0,70	3,60	2,91	0,72	3,50	2,87	0,76	3,34	2,81	0,81
22	30	4,23	2,96	0,59	4,07	2,91	0,65	3,90	2,85	0,71	3,84	2,82	0,73	3,74	2,79	0,76	3,58	2,73	0,82
24	32	4,39	2,89	0,60	4,23	2,84	0,65	4,07	2,79	0,71	4,00	2,76	0,73	3,90	2,73	0,76	3,74	2,68	0,82

Heating 50Hz 220 -240V

AFR	11,1

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,18	0,69	2,63	0,72	3,08	0,74	3,08	0,77	4,08	0,80	4,44	0,83
20	2,10	0,77	2,55	0,79	3,00	0,82	3,01	0,85	4,00	0,88	4,36	0,90
22	2,07	0,80	2,52	0,82	2,97	0,85	2,99	0,88	3,97	0,91	4,33	0,93
24	2,04	0,83	2,49	0,85	2,94	0,88	2,96	0,91	3,94	0,94	4,30	0,96
25	2,02	0,84	2,47	0,87	2,92	0,89	2,94	0,92	3,92	0,95	4,28	0,98
27	1,99	0,87	2,44	0,90	2,89	0,92	2,92	0,95	3,89	0,98	4,25	1,01

Heating capacity at nominal operating frequency, measured according to EN14511.

Indoor air temperature	Outdoor temperature [°C WB]													
	-20		-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	2,12	0,85	2,77	0,98	3,42	1,11	3,55	1,24	4,12	1,37	5,50	1,52	6,02	1,62

Heating capacity at maximum operating frequency, measured according to EN14511.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D150086A

FTXM42A / RXM42A

Cooling ·50Hz 220 -240V·

AFR	13,3
BF	0,26

Indoor air temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			**35**			40		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	4,04	2,98	0,72	4,04	2,98	0,83	3,91	2,92	0,92	3,83	2,88	0,94	3,72	2,82	0,99	3,52	2,72	1,06
16	22	4,50	3,06	0,77	4,30	2,97	0,85	4,11	2,87	0,92	4,03	2,84	0,95	3,91	2,78	0,99	3,71	2,69	1,07
18	25	4,69	3,19	0,78	4,49	3,11	0,85	4,30	3,02	0,92	4,22	2,99	0,95	4,10	2,93	1,00	3,91	2,85	1,07
19	**27**	4,79	3,36	0,78	4,59	3,27	0,85	4,40	3,19	0,93	4,32	3,16	0,96	4,20	3,11	1,00	4,00	3,03	1,07
22	30	5,08	3,23	0,78	4,88	3,16	0,86	4,69	3,08	0,93	4,61	3,06	0,96	4,49	3,01	1,01	4,29	2,94	1,08
24	32	5,27	3,14	0,79	5,07	3,08	0,86	4,88	3,01	0,94	4,80	2,98	0,97	4,68	2,94	1,01	4,49	2,88	1,08

Heating ·50Hz 220 -240V·

AFR	14,0

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,77	0,88	3,43	0,96	3,69	1,04	4,10	1,12	5,56	1,21	6,09	1,28
20	2,61	0,95	3,27	1,03	3,55	1,11	3,96	1,19	5,40	1,29	5,93	1,35
22	2,55	0,98	3,21	1,06	3,49	1,14	3,90	1,22	5,34	1,32	5,87	1,38
24	2,48	1,01	3,15	1,09	3,43	1,17	3,85	1,25	5,27	1,35	5,80	1,41
25	2,45	1,03	3,11	1,11	3,40	1,19	3,82	1,27	5,24	1,36	5,77	1,43
27	2,39	1,06	3,05	1,14	3,34	1,22	3,77	1,30	5,18	1,39	5,71	1,46

Heating capacity at nominal operating frequency, measured according to ·EN14511·.

Indoor air temperature	Outdoor temperature [°C WB]													
	-20		-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	2,36	1,02	3,10	1,13	3,84	1,24	3,94	1,34	4,57	1,45	6,20	1,59	6,79	1,67

Heating capacity at maximum operating frequency, measured according to ·EN14511·.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

4D150087

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FBA50A9 / RXM50A

AFR	15,0
BF	0,13

Cooling ·50· Hz ·220 - 240· V

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	5,12	3,84	1,08	4,89	3,72	1,18	4,66	3,61	1,29	4,56	3,56	1,33	4,42	3,49	1,39	4,19	3,38	1,50
16,0	22	5,35	3,77	1,09	5,12	3,66	1,19	4,89	3,55	1,29	4,79	3,51	1,34	4,65	3,45	1,40	4,42	3,34	1,50
18,0	25	5,58	3,95	1,09	5,35	3,85	1,20	5,12	3,75	1,30	5,02	3,71	1,34	4,88	3,66	1,40	4,65	3,56	1,51
19,0	27	5,70	4,18	1,10	5,47	4,08	1,20	5,23	3,98	1,30	5,14	3,94	1,35	5,00	3,89	1,41	4,77	3,79	1,51
22,0	30	6,04	4,03	1,11	5,81	3,94	1,21	5,58	3,86	1,31	5,49	3,82	1,35	5,35	3,77	1,42	5,11	3,69	1,52
24,0	32	6,27	3,92	1,11	6,04	3,85	1,22	5,81	3,77	1,32	5,72	3,74	1,36	5,58	3,69	1,42	5,34	3,62	1,53

AFR	15,0

Heating ·50· Hz ·220 - 240· V

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,56	1,16	3,07	1,21	3,59	1,27	4,10	1,33	5,69	1,40	6,19	1,45
20,0	2,40	1,19	2,92	1,25	3,43	1,31	3,95	1,37	5,50	1,44	6,00	1,48
22,0	2,34	1,20	2,85	1,26	3,37	1,32	3,88	1,38	5,42	1,45	5,92	1,50
24,0	2,27	1,21	2,79	1,27	3,30	1,33	3,82	1,39	5,35	1,46	5,84	1,51
25,0	2,24	1,22	2,76	1,28	3,27	1,34	3,79	1,40	5,31	1,47	5,81	1,52
27,0	2,18	1,23	2,69	1,29	3,21	1,35	3,73	1,41	5,23	1,48	5,73	1,53

Symbols

AFR : Air flow rate [m³/min]
BF : Bypass factor
EWB : Entering wet-bulb temperature (°C WB)
EDB : Entering dry-bulb temperature (°C DB)
TC : Total capacity [kW]
SHC : Sensible heat capacity [kW]
PI : Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. On the figure the ·□· mark shows the rated capacity and rated coefficient of the power input.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

3D110073D

FDXM50F9 / RXM50A

AFR	15,8
BF	0,11

Cooling ·50· Hz ·220 - 240· V

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	4,38	3,24	1,15	4,38	3,24	1,30	4,38	3,24	1,46	4,38	3,24	1,53	4,38	3,24	1,61	4,17	3,13	1,75
16,0	22	5,35	3,56	1,27	5,12	3,44	1,40	4,89	3,33	1,52	4,79	3,28	1,57	4,65	3,22	1,62	4,37	3,08	1,75
18,0	25	5,58	3,70	1,28	5,35	3,59	1,40	5,12	3,48	1,52	5,02	3,44	1,57	4,88	3,38	1,63	4,58	3,24	1,75
19,0	27	5,70	3,87	1,28	5,47	3,76	1,41	5,23	3,66	1,53	5,14	3,62	1,58	5,00	3,56	1,63	4,68	3,42	1,75
22,0	30	6,04	3,72	1,30	5,81	3,63	1,42	5,58	3,54	1,54	5,49	3,50	1,59	5,35	3,45	1,65	4,97	3,31	1,75
24,0	32	6,27	3,61	1,30	6,04	3,53	1,42	5,81	3,45	1,55	5,72	3,41	1,60	5,58	3,36	1,66	5,17	3,22	1,75

AFR	15,8

Heating ·50· Hz ·220 - 240· V

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,70	1,51	3,24	1,58	3,78	1,66	4,33	1,74	6,00	1,83	6,52	1,89
20,0	2,53	1,55	3,07	1,62	3,62	1,70	4,16	1,78	5,80	1,87	6,32	1,93
22,0	2,46	1,56	3,01	1,64	3,55	1,72	4,10	1,80	5,72	1,89	6,24	1,95
24,0	2,40	1,58	2,94	1,66	3,49	1,74	4,03	1,81	5,64	1,90	5,96	1,97
25,0	2,36	1,59	2,91	1,67	3,45	1,74	4,00	1,82	5,60	1,91	5,73	1,97
27,0	2,30	1,61	2,84	1,68	3,39	1,76	3,93	1,84	5,27	1,93	5,27	1,99

Symbols

AFR : Air flow rate [m³/min]
BF : Bypass factor
EWB : Entering wet-bulb temperature (°C WB)
EDB : Entering dry-bulb temperature (°C DB)
TC : Total capacity [kW]
SHC : Sensible heat capacity [kW]
PI : Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. On the figure the ·□· mark shows the rated capacity and rated coefficient of the power input.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

3D110080D

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FCAG50B / RXM50A

AFR	12,6
BF	0,22

Cooling ·50· Hz ·220 - 240· V

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	4,03	2,98	0,91	4,03	2,98	1,04	4,03	2,98	1,17	4,03	2,98	1,23	4,03	2,98	1,31	4,03	2,98	1,46
16,0	22	5,13	3,37	1,05	5,12	3,37	1,18	4,89	3,25	1,28	4,79	3,21	1,33	4,65	3,14	1,39	4,42	3,03	1,49
18,0	25	5,58	3,61	1,08	5,35	3,50	1,19	5,12	3,39	1,29	5,02	3,35	1,33	4,88	3,28	1,39	4,65	3,18	1,50
19,0	27	5,70	3,77	1,09	5,47	3,66	1,19	5,23	3,55	1,29	5,14	3,51	1,34	5,00	3,45	1,40	4,77	3,35	1,50
22,0	30	6,04	3,62	1,10	5,81	3,52	1,20	5,58	3,43	1,30	5,49	3,39	1,34	5,35	3,34	1,41	5,11	3,25	1,51
24,0	32	6,27	3,51	1,10	6,04	3,42	1,21	5,81	3,34	1,31	5,72	3,30	1,35	5,58	3,25	1,41	5,34	3,17	1,52

AFR	12,6

Heating ·50· Hz ·220 - 240· V

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,79	1,30	3,35	1,37	3,91	1,44	4,48	1,50	6,21	1,59	6,75	1,64
20,0	2,62	1,34	3,18	1,41	3,74	1,47	4,31	1,54	6,00	1,62	6,54	1,68
22,0	2,55	1,36	3,11	1,42	3,67	1,49	4,24	1,56	5,92	1,64	6,31	1,69
24,0	2,48	1,37	3,04	1,44	3,61	1,50	4,17	1,57	5,83	1,65	5,86	1,70
25,0	2,45	1,38	3,01	1,44	3,57	1,51	4,13	1,58	5,63	1,66	5,63	1,71
27,0	2,38	1,39	2,94	1,46	3,50	1,53	4,06	1,59	5,18	1,67	5,18	1,73

Symbols

AFR :	Air flow rate [m³/min]
BF :	Bypass factor
EWB :	Entering wet-bulb temperature (°C WB)
EDB :	Entering dry-bulb temperature (°C DB)
TC :	Total capacity [kW]
SHC :	Sensible heat capacity [kW]
PI :	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. On the figure the ·□· mark shows the rated capacity and rated coefficient of the power input.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

3D110076E

FFA50A9 / RXM50A

AFR	12,7
BF	0,16

Cooling ·50· Hz ·220 - 240· V

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	4,14	3,06	1,03	4,14	3,06	1,17	4,14	3,06	1,32	4,14	3,06	1,38	4,14	3,06	1,47	4,14	3,06	1,63
16,0	22	5,26	3,46	1,18	5,12	3,39	1,30	4,89	3,27	1,42	4,79	3,23	1,46	4,65	3,16	1,53	4,42	3,05	1,65
18,0	25	5,58	3,64	1,20	5,35	3,53	1,31	5,12	3,42	1,43	5,02	3,37	1,47	4,88	3,31	1,54	4,65	3,21	1,65
19,0	27	5,70	3,80	1,20	5,47	3,69	1,31	5,23	3,59	1,43	5,14	3,54	1,47	5,00	3,48	1,54	4,77	3,38	1,66
22,0	30	6,04	3,65	1,21	5,81	3,55	1,33	5,58	3,46	1,44	5,49	3,42	1,48	5,35	3,37	1,55	5,11	3,28	1,67
24,0	32	6,27	3,54	1,22	6,04	3,45	1,33	5,81	3,37	1,45	5,72	3,34	1,49	5,58	3,29	1,56	5,34	3,20	1,67

AFR	12,7

Heating ·50· Hz ·220 - 240· V

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,70	1,34	3,24	1,41	3,78	1,47	4,33	1,54	6,00	1,62	6,52	1,68
20,0	2,53	1,37	3,07	1,44	3,62	1,51	4,16	1,58	5,80	1,66	6,32	1,72
22,0	2,46	1,39	3,01	1,46	3,55	1,53	4,10	1,59	5,72	1,68	6,21	1,73
24,0	2,40	1,40	2,94	1,47	3,49	1,54	4,03	1,61	5,64	1,69	5,77	1,75
25,0	2,36	1,41	2,91	1,48	3,45	1,55	4,00	1,62	5,55	1,70	5,55	1,75
27,0	2,30	1,43	2,84	1,50	3,39	1,56	3,93	1,63	5,10	1,71	5,10	1,77

Symbols

AFR :	Air flow rate [m³/min]
BF :	Bypass factor
EWB :	Entering wet-bulb temperature (°C WB)
EDB :	Entering dry-bulb temperature (°C DB)
TC :	Total capacity [kW]
SHC :	Sensible heat capacity [kW]
PI :	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. On the figure the ·□· mark shows the rated capacity and rated coefficient of the power input.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

3D110085D

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXM50A / RXM50A

AFR	12,7
BF	0,23

Cooling ·50Hz 220 -240V·

Indoor air temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			**35**			40		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	4,00	2,95	0,70	4,00	2,95	0,82	4,00	2,95	0,95	4,00	2,95	1,01	4,00	2,95	1,11	4,00	2,95	1,32
16	22	5,08	3,35	0,96	5,08	3,35	1,13	4,89	3,25	1,25	4,79	3,20	1,29	4,65	3,13	1,35	4,42	3,02	1,45
18	25	5,58	3,60	1,05	5,35	3,49	1,15	5,12	3,38	1,26	5,02	3,34	1,30	4,88	3,27	1,36	4,65	3,17	1,46
19	**27**	5,70	3,76	1,06	5,47	3,65	1,16	5,23	3,54	1,26	5,14	3,50	1,30	5,00	3,44	1,36	4,77	3,34	1,46
22	30	6,04	3,61	1,07	5,81	3,51	1,17	5,58	3,42	1,27	5,49	3,38	1,31	5,35	3,33	1,37	5,11	3,24	1,47
24	32	6,27	3,50	1,07	6,04	3,41	1,17	5,81	3,33	1,27	5,72	3,29	1,31	5,58	3,24	1,37	5,34	3,16	1,47

AFR	14,5

Heating ·50Hz 220 -240V·

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,95	0,98	3,68	1,07	3,83	1,15	4,45	1,24	5,99	1,35	6,57	1,41
20	2,76	1,03	3,48	1,12	3,66	1,21	4,29	1,29	5,80	1,40	6,38	1,47
22	2,68	1,05	3,41	1,14	3,59	1,23	4,22	1,31	5,72	1,42	6,30	1,49
24	2,61	1,08	3,33	1,16	4,05	1,25	4,15	1,34	5,65	1,44	6,22	1,51
25	2,57	1,09	3,29	1,17	4,01	1,26	4,12	1,35	5,61	1,45	6,19	1,52
27	2,49	1,11	3,21	1,19	3,94	1,28	4,05	1,37	5,53	1,47	6,11	1,54

Heating capacity at nominal operating frequency, measured according to ·EN14511·.

Indoor air temperature	Outdoor temperature [°C WB]													
	-20		-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	3,20	1,41	3,84	1,47	4,47	1,53	4,44	1,58	4,99	1,64	6,50	1,71	7,01	1,76

Heating capacity at maximum operating frequency, measured according to ·EN14511·.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. [ ] Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

4D150088

FVXM50A / RXM50A
FVXM50A9 / RXM50A

AFR	11,6
BF	0,11

Cooling ·50· Hz ·220 - 240· V

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	4,34	3,70	0,95	4,28	3,70	1,07	4,18	3,69	1,18	4,11	3,69	1,23	4,06	3,69	1,29	4,01	3,69	1,39
16,0	22	5,15	3,63	1,01	5,02	3,59	1,11	4,86	3,55	1,21	4,79	3,53	1,25	4,65	3,50	1,30	4,42	3,45	1,40
18,0	25	5,48	3,87	1,02	5,32	3,84	1,12	5,12	3,80	1,21	5,02	3,79	1,25	4,88	3,78	1,31	4,65	3,77	1,41
19,0	27	5,67	4,23	1,02	5,47	4,21	1,12	5,23	4,22	1,22	5,14	4,22	1,25	5,00	4,25	1,31	4,77	4,31	1,41
22,0	30	6,04	3,82	1,03	5,81	3,78	1,13	5,58	3,75	1,22	5,49	3,75	1,26	5,35	3,74	1,32	5,11	3,76	1,42
24,0	32	6,27	3,57	1,04	6,04	3,53	1,13	5,81	3,49	1,23	5,72	3,48	1,27	5,58	3,46	1,33	5,34	3,45	1,42

AFR	12,8

Heating ·50· Hz ·220 - 240· V

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		7		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,44	0,95	3,26	1,07	4,07	1,19	4,05	1,31	6,02	1,47	6,51	1,54
20,0	2,22	1,01	3,04	1,12	3,85	1,24	3,86	1,36	5,80	1,52	6,29	1,59
22,0	2,13	1,03	2,95	1,14	3,76	1,26	3,79	1,38	5,71	1,55	6,20	1,61
24,0	2,05	1,05	2,86	1,16	3,67	1,28	3,72	1,40	5,62	1,56	6,11	1,63
25,0	2,00	1,06	2,82	1,17	3,63	1,29	3,68	1,41	5,58	1,57	6,07	1,64
27,0	1,91	1,08	2,73	1,20	3,54	1,31	3,61	1,43	5,49	1,58	5,98	1,67

Symbols

AFR :	Air flow rate [m³/min]
BF :	Bypass factor
EWB :	Entering wet-bulb temperature (°C WB)
EDB :	Entering dry-bulb temperature (°C DB)
TC :	Total capacity [kW]
SHC :	Sensible heat capacity [kW]
PI :	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

4D134323B

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FVXM50A / RXM50A

Cooling 50Hz 220-240V

AFR	11,6
BF	0,11

Indoor		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	4,34	3,70	0,95	4,28	3,70	1,07	4,18	3,69	1,18	4,11	3,69	1,23	4,06	3,69	1,29	4,01	3,69	1,39
16	22	5,15	3,63	1,01	5,02	3,59	1,11	4,86	3,55	1,21	4,79	3,53	1,25	4,65	3,50	1,30	4,42	3,45	1,40
18	25	5,48	3,87	1,02	5,32	3,84	1,12	5,12	3,80	1,21	5,02	3,79	1,25	4,88	3,78	1,31	4,65	3,77	1,41
19	27	5,67	4,23	1,02	5,47	4,21	1,12	5,23	4,22	1,22	5,14	4,22	1,25	5,00	4,25	1,31	4,77	4,31	1,41
22	30	6,04	3,82	1,03	5,81	3,78	1,13	5,58	3,75	1,22	5,49	3,75	1,26	5,35	3,74	1,32	5,11	3,76	1,42
24	32	6,27	3,57	1,04	6,04	3,53	1,13	5,81	3,49	1,23	5,72	3,48	1,27	5,58	3,46	1,33	5,34	3,45	1,42

Heating 50Hz 220-240V

AFR	12,8

Indoor	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,44	0,95	3,26	1,07	4,07	1,19	4,05	1,31	6,02	1,47	6,51	1,54
20	2,22	1,01	3,04	1,12	3,85	1,24	3,86	1,36	5,80	1,52	6,29	1,59
22	2,13	1,03	2,95	1,14	3,76	1,26	3,79	1,38	5,71	1,55	6,20	1,61
24	2,05	1,05	2,86	1,16	3,67	1,28	3,72	1,40	5,62	1,56	6,11	1,63
25	2,00	1,06	2,82	1,17	3,63	1,29	3,68	1,41	5,58	1,57	6,07	1,64
27	1,91	1,08	2,73	1,20	3,54	1,31	3,61	1,43	5,49	1,58	5,98	1,67

Symbols
AFR: Air flow rate [m³/min]
BF: Bypass factor
EWB: Entering wet-bulb temperature (°C WB)
EDB: Entering dry-bulb temperature (°C DB)
TC: Total capacity [kW]
SHC: Sensible heat capacity [kW]
PI: Power input [kW]

Notes
1) The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2) The bold cells indicate the standard conditions.
3) The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4) In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5) The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6) The air flow rate and bypass factor are mentioned in the table.

4D134323D

FHA50A9 / RXM50A

Cooling ·50· Hz ·220 - 240· V

AFR	15,0
BF	0,18

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	5,05	3,73	1,18	4,89	3,65	1,31	4,66	3,53	1,43	4,56	3,49	1,47	4,42	3,42	1,54	4,19	3,30	1,66
16,0	22	5,35	3,70	1,20	5,12	3,59	1,32	4,89	3,48	1,43	4,79	3,44	1,48	4,65	3,37	1,55	4,42	3,27	1,66
18,0	25	5,58	3,87	1,21	5,35	3,77	1,32	5,12	3,66	1,44	5,02	3,62	1,49	4,88	3,56	1,55	4,65	3,47	1,67
19,0	27	5,70	4,08	1,21	5,47	3,98	1,33	5,23	3,88	1,44	5,14	3,84	1,49	5,00	3,78	1,56	4,77	3,69	1,67
22,0	30	6,04	3,93	1,22	5,81	3,84	1,34	5,58	3,75	1,45	5,49	3,72	1,50	5,35	3,67	1,57	5,11	3,58	1,68
24,0	32	6,27	3,82	1,23	6,04	3,74	1,34	5,81	3,66	1,46	5,72	3,63	1,51	5,58	3,59	1,58	5,34	3,51	1,69

AFR	15,0

Heating ·50· Hz ·220 - 240· V

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,79	1,44	3,35	1,51	3,91	1,59	4,48	1,66	6,21	1,75	6,75	1,81
20,0	2,62	1,48	3,18	1,56	3,74	1,63	4,31	1,70	6,00	1,79	6,54	1,85
22,0	2,55	1,50	3,11	1,57	3,67	1,64	4,24	1,72	5,92	1,81	6,46	1,87
24,0	2,48	1,51	3,04	1,59	3,61	1,66	4,17	1,73	5,83	1,82	6,38	1,88
25,0	2,45	1,52	3,01	1,60	3,57	1,67	4,13	1,74	5,79	1,83	6,33	1,89
27,0	2,38	1,54	2,94	1,61	3,50	1,69	4,06	1,76	5,71	1,85	6,25	1,91

Symbols

AFR :	Air flow rate [m³/min]
BF :	Bypass factor
EWB :	Entering wet-bulb temperature (°C WB)
EDB :	Entering dry-bulb temperature (°C DB)
TC :	Total capacity [kW]
SHC :	Sensible heat capacity [kW]
PI :	Power input [kW]

Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. On the figure the ·□· mark shows the rated capacity and rated coefficient of the power input.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

3D110087E

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FNA50A9 / RXM50A

Cooling ·50· Hz ·220 - 240· V

AFR	16,0
BF	0,12

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	5,12	3,94	1,13	4,89	3,83	1,24	4,66	3,71	1,35	4,56	3,67	1,40	4,42	3,60	1,46	4,19	3,49	1,57
16,0	22	5,35	3,87	1,14	5,12	3,77	1,25	4,89	3,66	1,36	4,79	3,62	1,40	4,65	3,56	1,47	4,42	3,45	1,58
18,0	25	5,58	4,08	1,15	5,35	3,98	1,26	5,12	3,88	1,37	5,02	3,84	1,41	4,88	3,78	1,48	4,65	3,69	1,59
19,0	27	5,70	4,32	1,15	5,47	4,22	1,26	5,23	4,13	1,37	5,14	4,09	1,41	5,00	4,04	1,48	4,77	3,94	1,59
22,0	30	6,04	4,17	1,16	5,81	4,09	1,27	5,58	4,00	1,38	5,49	3,97	1,42	5,35	3,92	1,49	5,11	3,84	1,60
24,0	32	6,27	4,07	1,17	6,04	3,99	1,28	5,81	3,92	1,39	5,72	3,89	1,43	5,58	3,84	1,50	5,34	3,77	1,60

Heating ·50· Hz ·220 - 240· V

AFR	16,0

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,70	1,40	3,24	1,47	3,78	1,54	4,33	1,61	6,00	1,70	6,52	1,75
20,0	2,53	1,44	3,07	1,51	3,62	1,58	4,16	1,65	5,80	1,74	6,32	1,79
22,0	2,46	1,45	3,01	1,52	3,55	1,59	4,10	1,67	5,72	1,75	6,24	1,81
24,0	2,40	1,47	2,94	1,54	3,49	1,61	4,03	1,68	5,64	1,77	6,16	1,83
25,0	2,36	1,48	2,91	1,55	3,45	1,62	4,00	1,69	5,60	1,78	6,12	1,83
27,0	2,30	1,49	2,84	1,56	3,39	1,63	3,93	1,71	5,52	1,79	6,04	1,85

Symbols

AFR : Air flow rate [m³/min]
BF : Bypass factor
EWB : Entering wet-bulb temperature (°C WB)
EDB : Entering dry-bulb temperature (°C DB)
TC : Total capacity [kW]
SHC : Sensible heat capacity [kW]
PI : Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. On the figure the ·□· mark shows the rated capacity and rated coefficient of the power input.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

3D110091D

FBA60A9 / RXM60A

Cooling 50Hz, 220-240V

AFR	18,0
BF	0,15

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	5,84	4,42	1,26	5,57	4,28	1,38	5,31	4,16	1,50	5,20	4,10	1,55	5,04	4,03	1,62	4,78	3,90	1,74
16	22	6,10	4,34	1,26	5,84	4,22	1,38	5,57	4,09	1,51	5,47	4,05	1,55	5,31	3,97	1,63	5,04	3,86	1,75
18	25	6,36	4,56	1,27	6,10	4,44	1,39	5,83	4,33	1,51	5,73	4,29	1,56	5,57	4,22	1,63	5,30	4,11	1,76
19	27	6,50	4,82	1,27	6,23	4,71	1,40	5,97	4,60	1,52	5,86	4,56	1,57	5,70	4,49	1,64	5,43	4,39	1,76
22	30	6,89	4,65	1,29	6,62	4,55	1,41	6,36	4,46	1,53	6,25	4,42	1,58	6,09	4,36	1,65	5,83	4,27	1,77
24	32	7,15	4,53	1,29	6,89	4,44	1,41	6,62	4,36	1,54	6,52	4,32	1,58	6,36	4,27	1,66	6,09	4,18	1,78

Heating 50Hz, 220-240V

AFR	18,0

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	3,39	1,52	4,08	1,60	4,76	1,67	5,44	1,75	7,24	1,84	7,87	1,91
20	3,18	1,56	3,87	1,64	4,55	1,72	5,23	1,79	7,00	1,89	7,63	1,95
22	3,10	1,58	3,78	1,66	4,47	1,73	5,15	1,81	6,90	1,90	7,54	1,97
24	3,02	1,59	3,70	1,67	4,38	1,75	5,07	1,83	6,81	1,92	7,44	1,98
25	2,97	1,60	3,66	1,68	4,34	1,76	5,03	1,84	6,76	1,93	7,39	1,99
27	2,89	1,62	3,57	1,70	4,26	1,78	4,94	1,85	6,66	1,95	7,29	2,01

Symbols

AFR: Air flow rate [m³/min]
BF: Bypass factor
EWB: Entering wet-bulb temperature (°C WB)
EDB: Entering dry-bulb temperature (°C DB)
TC: Total capacity [kW]
SHC: Sensible heat capacity [kW]
PI: Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D151962

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FCAG60B / RXM60A

Cooling 50Hz, 220-240V

AFR	13,6
BF	0,2

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	4,47	3,30	1,12	4,47	3,30	1,28	4,47	3,30	1,44	4,47	3,30	1,51	4,47	3,30	1,61	4,47	3,30	1,78
16	22	5,68	3,73	1,27	5,68	3,73	1,43	5,57	3,68	1,58	5,47	3,63	1,63	5,31	3,55	1,71	5,04	3,42	1,84
18	25	6,36	4,09	1,34	6,10	3,96	1,16	5,83	3,83	1,59	5,73	3,78	1,64	5,57	3,71	1,72	5,30	3,59	1,85
19	27	6,50	4,26	1,34	6,23	4,14	1,47	5,97	4,01	1,59	5,86	3,97	1,65	5,70	3,89	1,72	5,43	3,78	1,85
22	30	6,89	4,09	1,35	6,62	3,98	1,48	6,36	3,87	1,61	6,25	3,83	1,66	6,09	3,76	1,73	5,83	3,66	1,86
24	32	7,15	3,96	1,36	6,89	3,86	1,49	6,62	3,76	1,61	6,52	3,73	1,66	6,36	3,67	1,74	6,09	3,57	1,87

Heating 50Hz, 220-240V

AFR	13,6

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	3,39	1,67	4,08	1,75	4,76	1,84	5,44	1,92	7,24	2,02	7,87	2,09
20	3,18	1,71	3,87	1,80	4,55	1,88	5,23	1,97	7,00	2,07	7,63	2,14
22	3,10	1,73	3,78	1,82	4,47	1,90	5,15	1,99	6,90	2,09	7,54	2,16
24	3,02	1,75	3,70	1,84	4,38	1,92	5,07	2,01	6,81	2,11	7,38	2,18
25	2,97	1,76	3,66	1,84	4,34	1,93	5,03	2,02	6,76	2,12	7,13	2,19
27	2,89	1,78	3,57	1,86	4,26	1,95	4,94	2,03	6,64	2,14	6,64	2,20

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- EWB: Entering wet-bulb temperature (°C WB)
- EDB: Entering dry-bulb temperature (°C DB)
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D151962

FDXM60F9 / RXM60A

Cooling 50Hz, 220-240V

AFR	16,0
BF	0,12

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	5,78	4,27	1,53	5,78	4,27	1,72	5,59	4,17	1,89	5,48	4,11	1,95	5,31	4,03	2,03	4,37	3,58	2,01
16	22	6,42	4,38	1,59	6,14	4,24	1,74	5,86	4,11	1,90	5,75	4,06	1,96	5,59	3,98	2,04	4,59	3,53	2,01
18	25	6,70	4,57	1,60	6,42	4,44	1,75	6,14	4,32	1,91	6,03	4,27	1,97	5,86	4,20	2,05	4,81	3,75	2,01
19	27	6,84	4,80	1,60	6,56	4,68	1,76	6,28	4,56	1,91	6,17	4,51	1,97	6,00	4,44	2,05	4,92	4,00	2,01
22	30	7,25	4,62	1,62	6,97	4,52	1,77	6,69	4,41	1,92	6,58	4,37	1,98	6,41	4,31	2,07	5,24	3,89	2,01
24	32	7,53	4,50	1,63	7,25	4,40	1,78	6,97	4,30	1,93	6,86	4,26	1,99	6,69	4,21	2,07	5,46	3,80	2,01

Heating 50Hz, 220-240V

AFR	16,0

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	3,39	1,75	4,08	1,84	4,76	1,93	5,44	2,02	7,24	2,13	7,87	2,20
20	3,18	1,80	3,87	1,89	4,55	1,98	5,23	2,07	7,00	2,18	7,63	2,25
22	3,10	1,82	3,78	1,91	4,47	2,00	5,15	2,09	6,90	2,20	7,54	2,27
24	3,02	1,84	3,70	1,93	4,38	2,02	5,07	2,11	6,81	2,22	7,44	2,29
25	2,97	1,85	3,66	1,94	4,34	2,03	5,03	2,12	6,76	2,23	7,39	2,30
27	2,89	1,87	3,57	1,96	4,26	2,05	4,94	2,14	6,66	2,25	7,29	2,32

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- EWB: Entering wet-bulb temperature (°C WB)
- EDB: Entering dry-bulb temperature (°C DB)
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D151962

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FFA60A9 / RXM60A

Cooling 50Hz, 220-240V

AFR	19,5
BF	0,2

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	5,84	4,45	1,33	5,57	4,32	1,46	5,31	4,19	1,59	5,20	4,13	1,64	5,04	4,06	1,71	4,78	3,93	1,84
16	22	6,10	4,37	1,34	5,84	4,25	1,47	5,57	4,13	1,59	5,47	4,08	1,64	5,31	4,01	1,72	5,04	3,89	1,85
18	25	6,36	4,59	1,34	6,10	4,48	1,47	5,83	4,37	1,60	5,73	4,32	1,65	5,57	4,26	1,73	5,30	4,15	1,86
19	27	6,50	4,86	1,35	6,23	4,75	1,48	5,97	4,64	1,60	5,86	4,60	1,66	5,70	4,54	1,73	5,43	4,43	1,86
22	30	6,89	4,69	1,36	6,62	4,60	1,49	6,36	4,50	1,62	6,25	4,46	1,67	6,09	4,41	1,74	5,83	4,31	1,87
24	32	7,15	4,57	1,37	6,89	4,49	1,50	6,62	4,40	1,62	6,52	4,36	1,68	6,36	4,31	1,75	6,09	4,23	1,88

Heating 50Hz, 220-240V

AFR	19,5

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	3,49	1,74	4,19	1,83	4,90	1,92	5,60	2,01	7,45	2,12	8,10	2,19
20	3,27	1,79	3,98	1,88	4,68	1,97	5,38	2,06	7,20	2,17	7,85	2,24
22	3,19	1,81	3,89	1,90	4,59	1,99	5,30	2,08	7,10	2,19	7,75	2,26
24	3,10	1,83	3,81	1,92	4,51	2,01	5,21	2,10	7,00	2,21	7,65	2,28
25	3,06	1,84	3,76	1,93	4,47	2,02	5,17	2,11	6,95	2,22	7,60	2,29
27	2,97	1,86	3,68	1,95	4,38	2,04	5,08	2,13	6,85	2,24	7,50	2,31

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- EWB: Entering wet-bulb temperature (°C WB)
- EDB: Entering dry-bulb temperature (°C DB)
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D151962

FHA60A9 / RXM60A

Cooling 50Hz, 220-240V

AFR	14,5
BF	0,11

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	5,30	3,91	1,36	5,30	3,91	1,53	5,30	3,91	1,71	5,20	3,86	1,77	5,04	3,78	1,85	4,78	3,65	1,99
16	22	6,10	4,12	1,44	5,84	3,99	1,58	5,57	3,86	1,72	5,47	3,81	1,77	5,31	3,73	1,86	5,04	3,61	1,99
18	25	6,36	4,29	1,45	6,10	4,17	1,59	5,83	4,05	1,73	5,73	4,00	1,78	5,57	3,93	1,86	5,30	3,82	2,00
19	27	6,50	4,50	1,45	6,23	4,38	1,59	5,97	4,27	1,73	5,86	4,22	1,79	5,70	4,16	1,87	5,43	4,05	2,01
22	30	6,89	4,33	1,47	6,62	4,23	1,61	6,36	4,13	1,74	6,25	4,09	1,80	6,09	4,03	1,88	5,78	3,91	2,01
24	32	7,15	4,21	1,48	6,89	4,12	1,61	6,62	4,02	1,75	6,52	3,99	1,81	6,36	3,93	1,89	6,01	3,82	2,01

Heating 50Hz, 220-240V

AFR	14,5

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	3,39	1,65	4,08	1,74	4,76	1,82	5,44	1,91	7,24	2,01	7,87	2,07
20	3,18	1,70	3,87	1,78	4,55	1,87	5,23	1,95	7,00	2,05	7,63	2,12
22	3,10	1,72	3,78	1,80	4,47	1,89	5,15	1,97	6,90	2,07	7,54	2,14
24	3,02	1,73	3,70	1,82	4,38	1,90	5,07	1,99	6,81	2,09	7,44	2,16
25	2,97	1,74	3,66	1,83	4,34	1,91	5,03	2,00	6,76	2,10	7,39	2,17
27	2,89	1,76	3,57	1,85	4,26	1,93	4,94	2,02	6,66	2,12	7,29	2,19

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- EWB: Entering wet-bulb temperature (°C WB)
- EDB: Entering dry-bulb temperature (°C DB)
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D151962

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FNA60A9 / RXM60A

AFR	16,0
BF	0,12

Cooling 50Hz, 220-240V

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	5,78	4,27	1,66	5,78	4,27	1,86	5,59	4,17	2,03	5,48	4,11	2,10	5,31	4,03	2,20	3,82	3,32	2,01
16	22	6,42	4,38	1,71	6,14	4,24	1,88	5,86	4,11	2,04	5,75	4,06	2,11	5,59	3,98	2,21	4,02	3,28	2,01
18	25	6,70	4,57	1,72	6,42	4,44	1,89	6,14	4,32	2,05	6,03	4,27	2,12	5,86	4,20	2,22	4,22	3,51	2,01
19	27	6,84	4,80	1,73	6,56	4,68	1,89	6,28	4,56	2,06	6,17	4,51	2,12	6,00	4,44	2,22	4,32	3,77	2,01
22	30	7,25	4,62	1,74	6,97	4,52	1,91	6,69	4,41	2,07	6,58	4,37	2,14	6,41	4,31	2,24	4,62	3,67	2,01
24	32	7,53	4,50	1,75	7,25	4,40	1,92	6,97	4,30	2,08	6,86	4,26	2,15	6,69	4,21	2,25	4,82	3,60	2,01

AFR	16,0

Heating 50Hz, 220-240V

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	3,39	1,81	4,08	1,90	4,76	2,00	5,44	2,09	7,24	2,20	7,87	2,27
20	3,18	1,86	3,87	1,95	4,55	2,05	5,23	2,14	7,00	2,25	7,63	2,32
22	3,10	1,88	3,78	1,97	4,47	2,07	5,15	2,16	6,90	2,27	7,54	2,35
24	3,02	1,90	3,70	1,99	4,38	2,09	5,07	2,18	6,81	2,29	7,44	2,37
25	2,97	1,91	3,66	2,00	4,34	2,10	5,03	2,19	6,76	2,30	7,39	2,38
27	2,89	1,93	3,57	2,03	4,26	2,12	4,94	2,21	6,66	2,32	7,29	2,40

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- EWB: Entering wet-bulb temperature (°C WB)
- EDB: Entering dry-bulb temperature (°C DB)
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D151962

FTXM60A / RXM60A

AFR	15,6
BF	0,23

Cooling 50Hz, 220-240V

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	6,15	4,26	1,36	5,87	4,12	1,49	5,59	3,99	1,62	5,48	3,94	1,67	5,31	3,87	1,75	5,03	3,76	1,88
16	22	6,42	4,11	1,37	6,14	3,97	1,50	5,86	3,84	1,63	5,75	3,79	1,68	5,59	3,72	1,76	5,31	3,60	1,89
18	25	6,70	4,23	1,37	6,42	4,10	1,50	6,14	3,99	1,64	6,03	3,95	1,69	5,86	3,89	1,77	5,58	3,79	1,90
19	27	6,84	4,43	1,38	6,56	4,33	1,51	6,28	4,23	1,64	6,17	4,20	1,69	6,00	4,15	1,77	5,72	4,08	1,90
22	30	7,25	4,11	1,39	6,97	4,00	1,52	6,69	3,90	1,65	6,58	3,87	1,70	6,41	3,81	1,78	6,14	3,73	1,91
24	32	7,53	3,91	1,40	7,25	3,80	1,53	6,97	3,70	1,66	6,86	3,66	1,71	6,69	3,60	1,79	6,41	3,52	1,92

AFR	15,9

Heating 50Hz, 220-240V

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		7		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	3,33	1,24	4,01	1,31	4,68	1,38	5,04	1,81	7,24	1,90	7,87	1,97
20	3,13	1,29	3,80	1,35	4,48	1,41	4,87	1,85	7,00	1,94	7,63	2,01
22	3,04	1,30	3,72	1,37	4,39	1,43	4,80	1,86	6,90	1,95	7,53	2,02
24	2,97	1,31	3,63	1,38	4,31	1,45	4,73	1,87	6,81	1,98	7,43	2,03
25	2,92	1,33	3,60	1,38	4,27	1,45	4,69	1,89	6,76	1,98	7,39	2,05
27	2,84	1,34	3,51	1,39	4,19	1,46	4,62	1,90	6,66	2,01	7,29	2,06

Heating capacity at nominal operating frequency, measured according to EN14511.

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		6		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	4,60	1,71	5,41	1,93	5,16	2,14	5,83	2,35	8,00	2,61	8,65	2,78

Heating peak capacity at maximum operating frequency

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- EWB: Entering wet-bulb temperature (°C WB)
- EDB: Entering dry-bulb temperature (°C DB)
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D151962

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXM71R / RXM71A

4

Cooling 50Hz 220-240V

AFR	15,95
BF	0,06

Indoor		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	7,27	5,06	1,80	6,94	4,90	1,97	6,61	4,74	2,14	6,48	4,69	2,21	6,28	4,61	2,32	5,95	4,48	2,49
16	22	7,60	4,88	1,81	7,27	4,72	1,98	6,94	4,57	2,15	6,81	4,51	2,22	6,61	4,42	2,33	6,28	4,29	2,50
18	25	7,93	5,02	1,82	7,60	4,88	1,99	7,27	4,75	2,16	7,13	4,70	2,23	6,94	4,63	2,34	6,61	4,52	2,51
19	27	8,09	5,28	1,82	7,76	5,16	2,00	7,43	5,05	2,17	7,30	5,01	2,24	7,10	4,95	2,34	6,77	4,88	2,52
22	30	8,58	4,89	1,84	8,25	4,76	2,01	7,92	4,65	2,19	7,79	4,60	2,25	7,59	4,54	2,36	7,26	4,45	2,53
24	32	8,91	4,64	1,85	8,58	4,52	2,02	8,25	4,40	2,20	8,12	4,35	2,27	7,92	4,29	2,37	7,59	4,19	2,54

Heating 50Hz 220-240V

AFR	17,35

Indoor	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		7		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	4,59	1,77	5,52	1,85	6,45	1,92	6,63	2,00	8,50	2,53	9,22	2,60
20	4,31	1,81	5,24	1,88	6,16	1,95	6,38	2,07	8,20	2,57	8,94	2,64
22	4,20	1,83	5,12	1,90	6,05	1,98	6,28	2,08	8,09	2,60	8,83	2,67
24	4,08	1,84	5,01	1,92	5,94	1,99	6,17	2,11	7,97	2,61	8,71	2,68
25	4,03	1,85	4,95	1,93	5,88	2,01	6,13	2,12	7,92	2,63	8,66	2,70
27	3,91	1,86	4,84	1,94	5,77	2,01	6,02	2,14	7,80	2,64	8,54	2,71

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- EWB: Entering wet-bulb temperature (°C WB)
- EDB: Entering dry-bulb temperature (°C DB)
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes
1) The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2) The bold cells indicate the standard conditions.
3) The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4) In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5) The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6) The air flow rate and bypass factor are mentioned in the table.

3D131703A

FTXM71A / RXM71A

Cooling 50Hz, 220 -240V

AFR	15,8
BF	0,15

Indoor air temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			35			40		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	7,27	5,06	1,80	6,94	4,90	1,97	6,61	4,74	2,14	6,48	4,69	2,21	6,28	4,61	2,32	5,95	4,48	2,49
16	22	7,60	4,88	1,81	7,27	4,72	1,98	6,94	4,57	2,15	6,81	4,51	2,22	6,61	4,42	2,33	6,28	4,29	2,50
18	25	7,93	5,02	1,82	7,60	4,88	1,99	7,27	4,75	2,16	7,13	4,70	2,23	6,94	4,63	2,34	6,61	4,52	2,51
19	27	8,09	5,28	1,82	7,76	5,16	2,00	7,43	5,05	2,17	7,30	5,01	2,24	7,10	4,95	2,34	6,77	4,88	2,52
22	30	8,58	4,89	1,84	8,25	4,76	2,01	7,92	4,65	2,19	7,79	4,60	2,25	7,59	4,54	2,36	7,26	4,45	2,53
24	32	8,91	4,64	1,85	8,58	4,52	2,02	8,25	4,40	2,20	8,12	4,35	2,27	7,92	4,29	2,37	7,59	4,19	2,54

Heating 50Hz, 220 -240V

AFR	17,3

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		6		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	4,59	1,77	5,52	1,85	6,45	1,92	6,63	2,00	8,50	2,53	9,22	2,60
20	4,31	1,81	5,24	1,88	6,16	1,95	6,38	2,07	8,20	2,57	8,94	2,64
22	4,20	1,83	5,12	1,90	6,05	1,98	6,28	2,08	8,09	2,60	8,83	2,67
24	4,08	1,84	5,01	1,92	5,94	1,99	6,17	2,11	7,97	2,61	8,71	2,68
25	4,03	1,85	4,95	1,93	5,88	2,01	6,13	2,12	7,92	2,63	8,66	2,70
27	3,91	1,86	4,84	1,94	5,77	2,01	6,02	2,14	7,80	2,64	8,54	2,71

Heating capacity at nominal operating frequency, measured according to EN14511.

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		6		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	5,56	2,28	6,67	2,61	6,45	2,94	7,36	3,28	10,20	3,67	10,50	3,41

Heating peak capacity at maximum operating frequency

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- °C WB: Wet-bulb temperature [°C WB]
- °C DB: Dry-bulb temperature [°C DB]
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

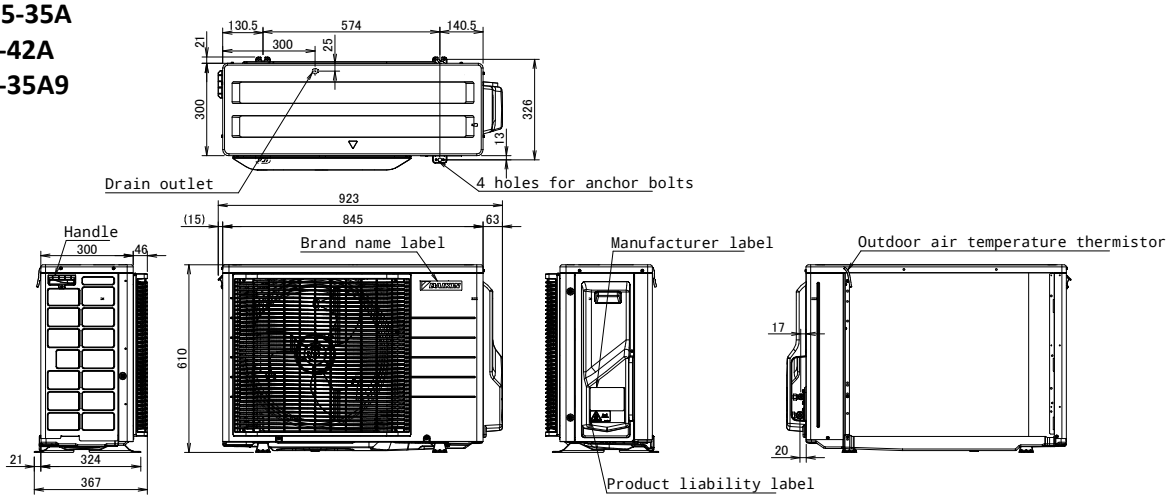
Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

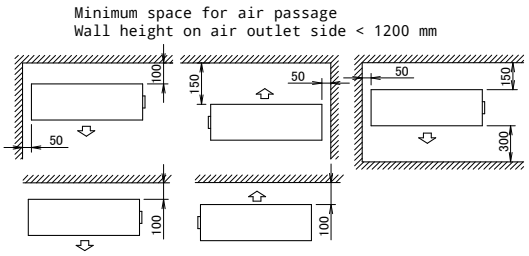
4D151960

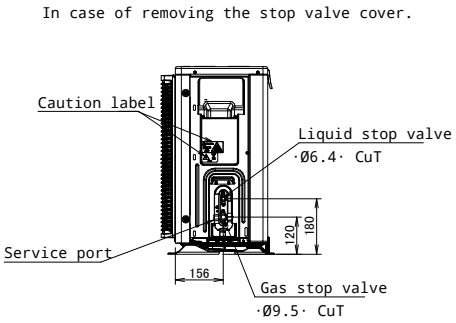
5 Dimensional drawings

5 - 1 Dimensional Drawings

ARXM25-35A
RXM20-42A
RXM25-35A9

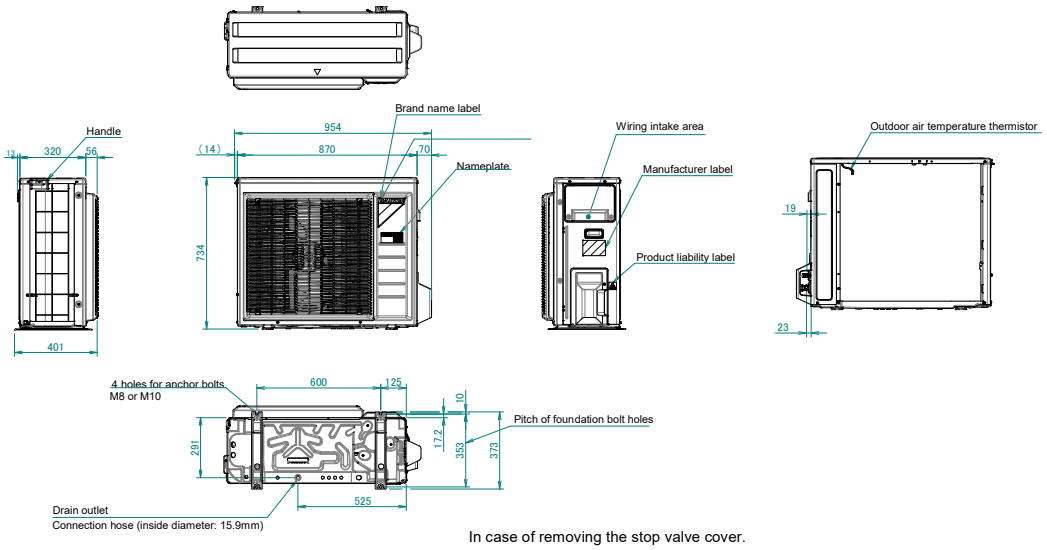






3D147631A

ARXM50A
RXM50A



In case of removing the stop valve cover.



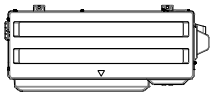
3D148264A

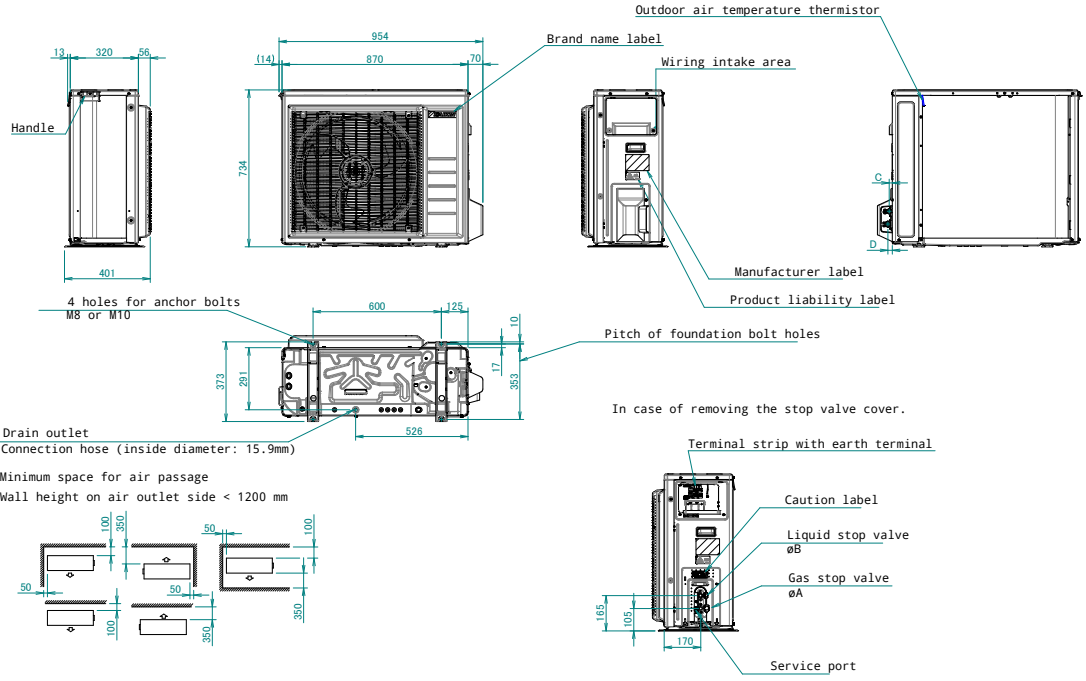
5 Dimensional drawings

5 - 1 Dimensional Drawings

ARXM50A9
ARXM60-70A
RXM50A9
RXM60-71A

Model	øA	øB	C	D
RXM50A5V1B9	12.7	6.4	19	20
RXM60A5V1B	12.7	6.4	19	20
RXM71A5V1B	15.9	6.4	19	22
ARXM50A5V1B9	12.7	6.4	19	20
ARXM60A5V1B	12.7	6.4	19	20
ARXM71A5V1B	15.9	9.5	18	22



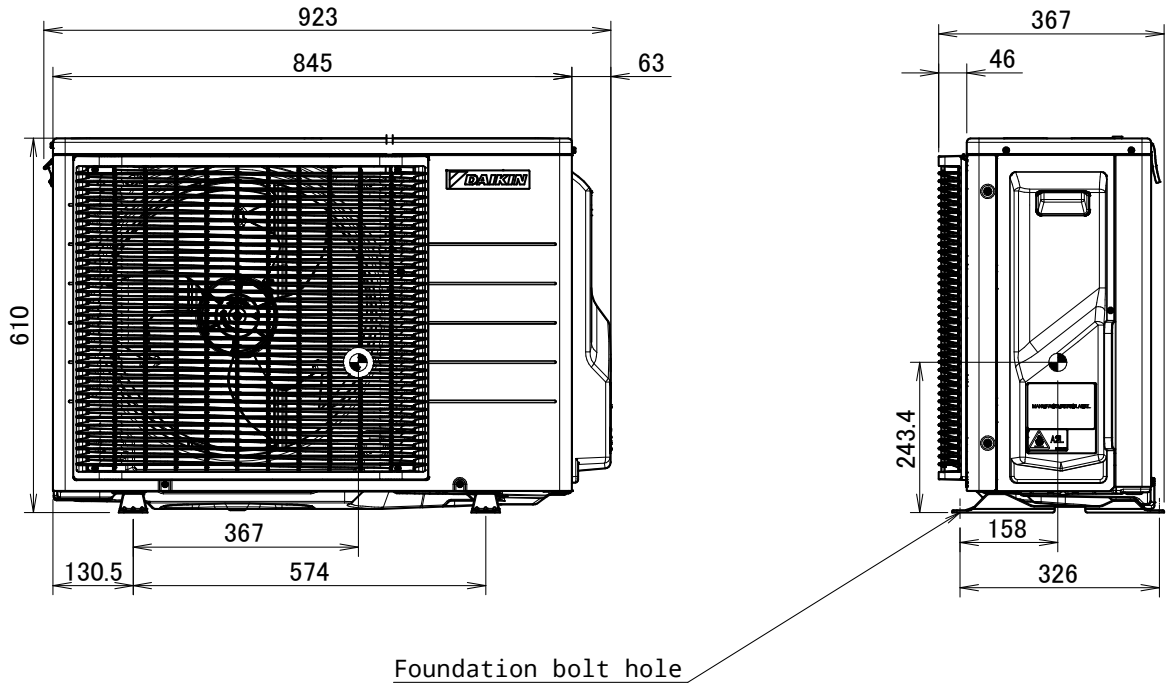


3D151868

6 Centre of gravity

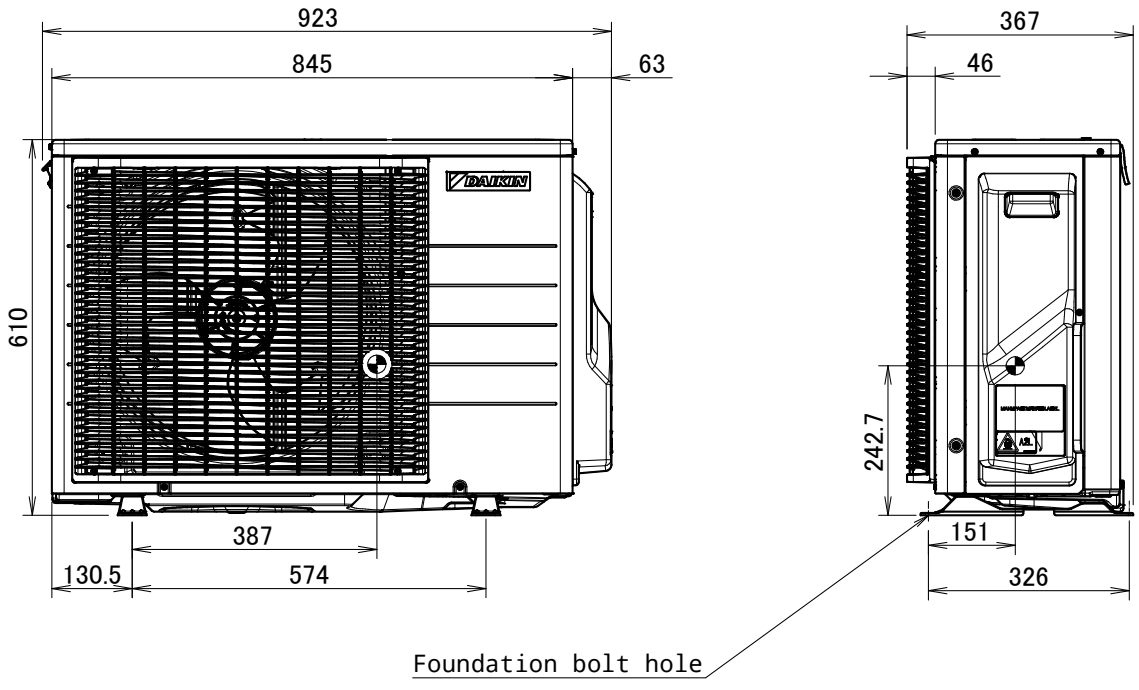
6 - 1 Centre of Gravity

ARXM25-35A
RXM20-35A
RXM20-35A9



4D148194

RXM42A

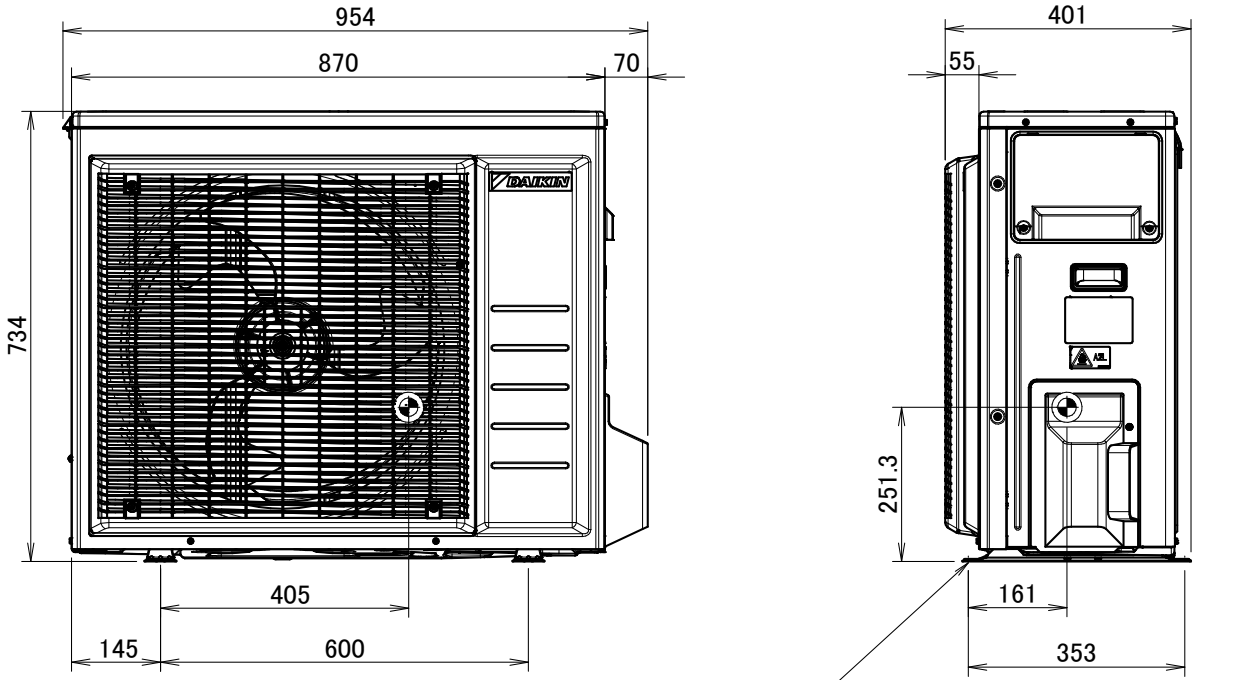


4D148193

6 Centre of gravity

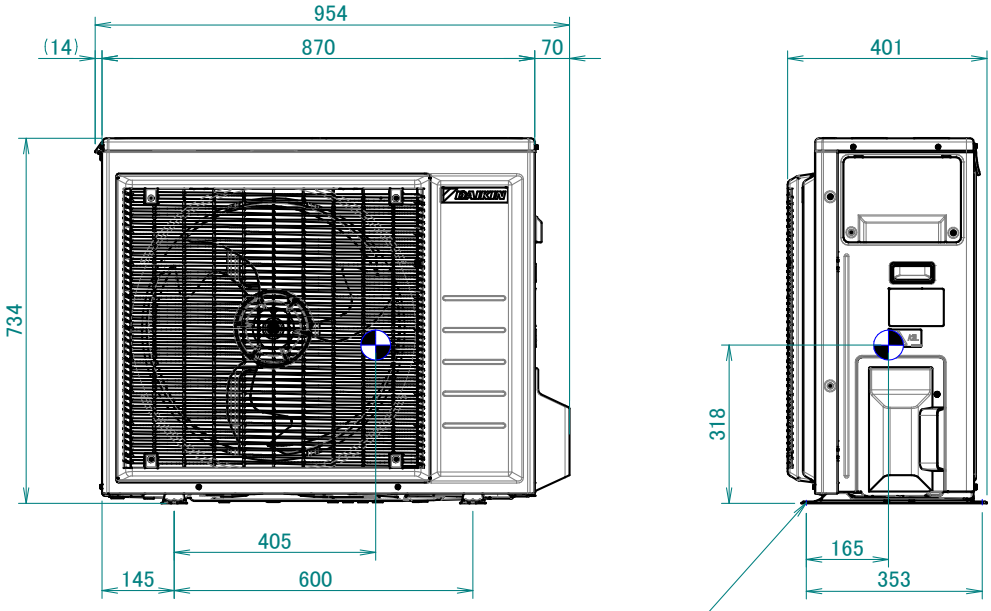
6 - 1 Centre of Gravity

ARXM50A
RXM50A



4D148199

ARXM50A9
ARXM60-70A
RXM50A9
RXM60A

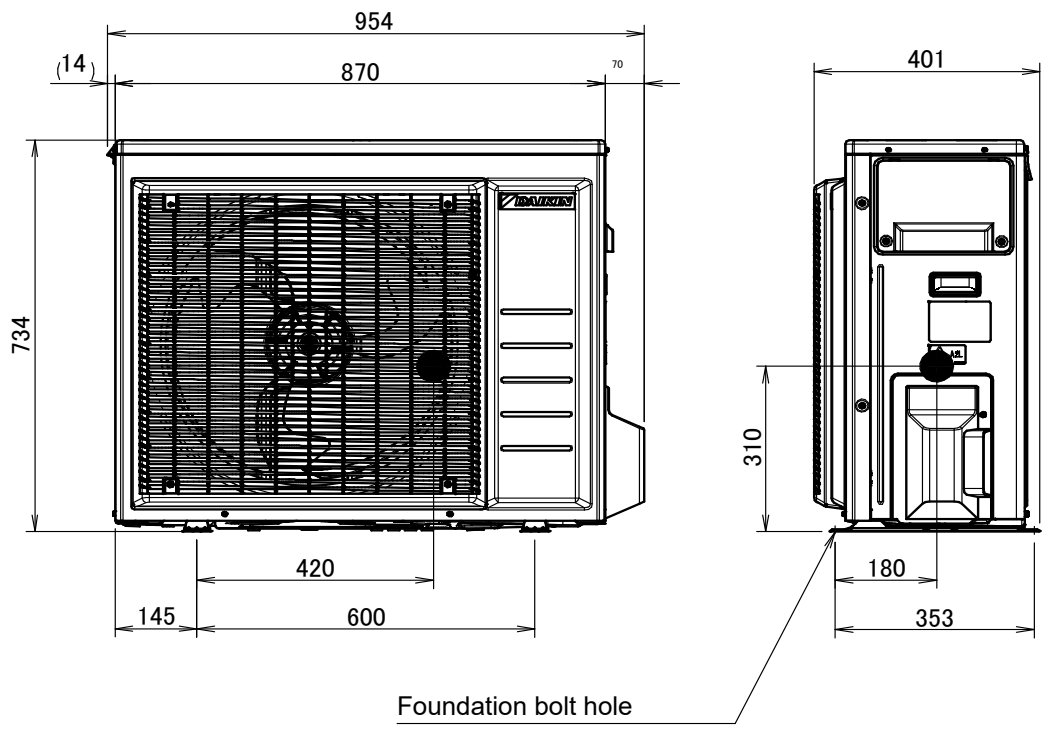


4D151950

6 Centre of gravity

6 - 1 Centre of Gravity

RXM71A

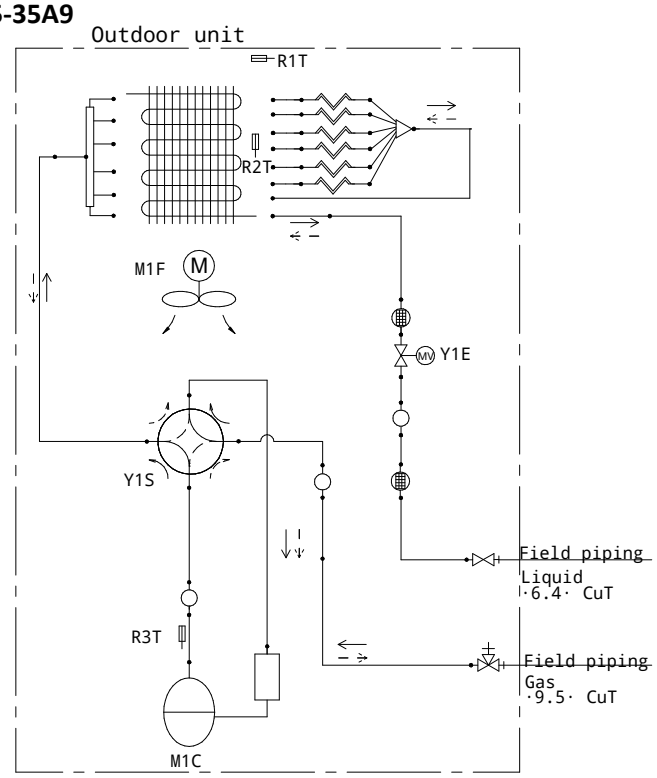


4D151953

7 Piping diagrams

7 - 1 Piping Diagrams

ARXM25-35A
RXM20-35A
RXM25-35A9



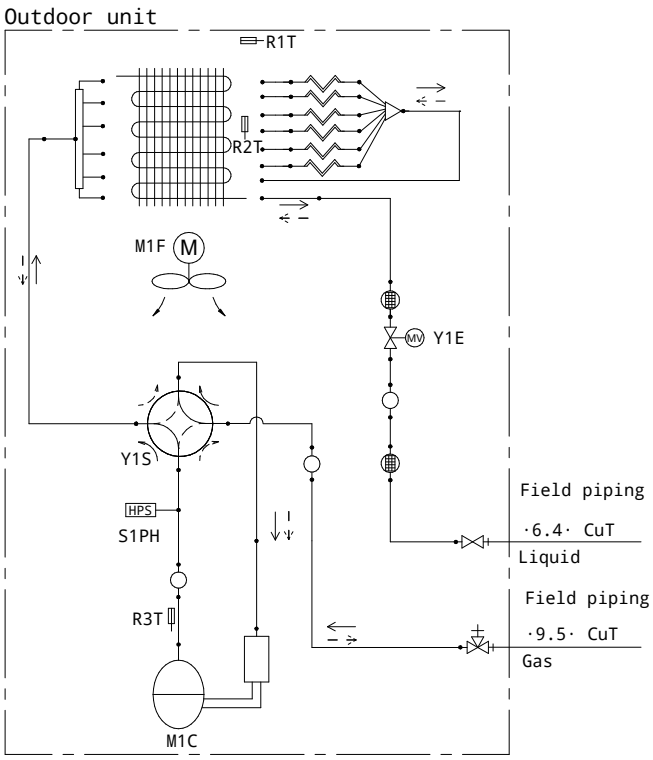
Legend

- Liquid stop valve
- Gas stop valve
- Muffler
- Muffler with filter
- Electronic expansion valve
- Refnet header
- Propeller fan
- Thermistor
- Capillary tube
- 4-way valve
- Accumulator
- Compressor
- Heat exchanger
- Distributor

Refrigerant flow
→ Cooling
– – Heating

3D147593

RXM42A



Legend

- High pressure switch
- Liquid stop valve
- Gas stop valve
- Muffler
- Muffler with filter
- Electronic expansion valve
- Refnet header
- Propeller fan
- Thermistor
- Capillary tube
- 4-way valve
- Accumulator
- Compressor
- Heat exchanger
- Distributor

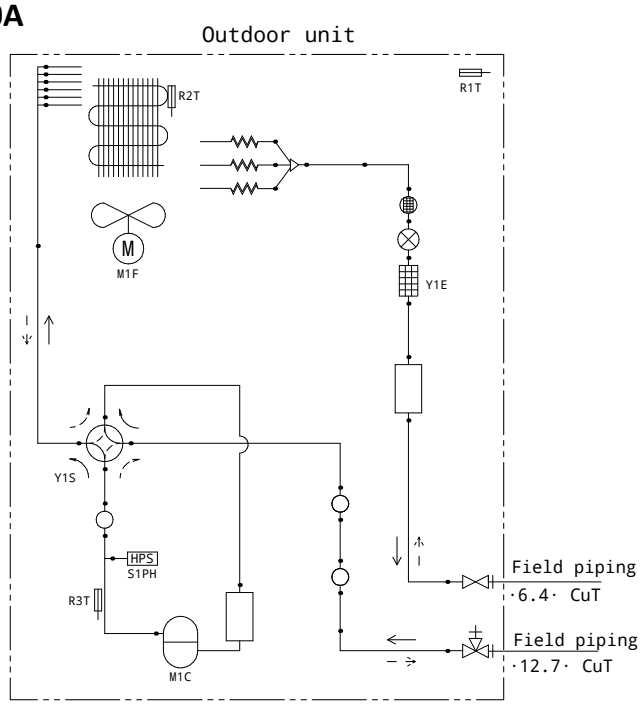
Refrigerant flow
→ Cooling
– – Heating

3D147621

7 Piping diagrams

7 - 1 Piping Diagrams

ARXM50A
RXM50A



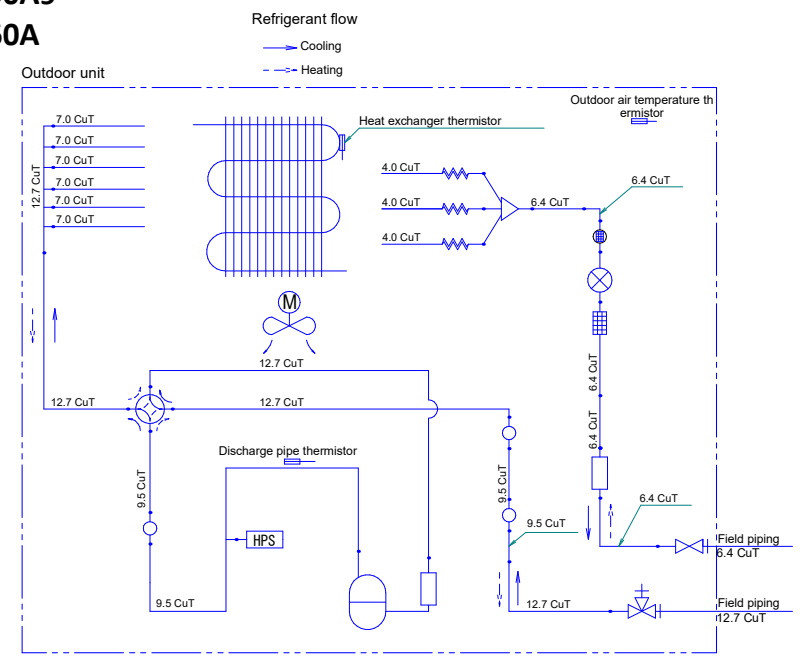
Legend

- Liquid stop valve
- Gas stop valve
- Muffler
- Muffler with filter
- Electronic expansion valve
- Filter
- Propeller fan
- High pressure switch Automatic reset
- Thermistor
- Capillary tube
- 4-way valve
- Accumulator
- Compressor
- Heat exchanger
- Distributor

Refrigerant flow
→ Cooling
– ÷ Heating

3D128943A

ARXM50A9
ARXM60A
RXM50A9
RXM60A



Legend

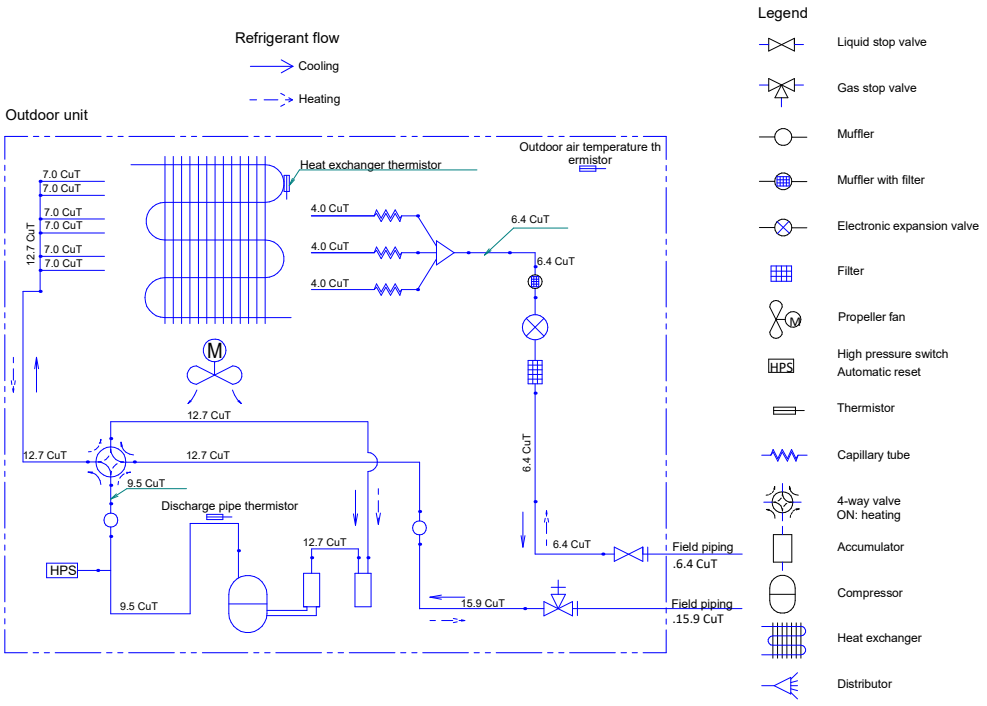
- Liquid stop valve
- Gas stop valve
- Muffler
- Muffler with filter
- Electronic expansion valve
- Filter
- Propeller fan
- High pressure switch Automatic reset
- Thermistor
- Capillary tube
- 4-way valve ON: heating
- Accumulator
- Compressor
- Heat exchanger
- Distributor

3D151341

7 Piping diagrams

7 - 1 Piping Diagrams

RXM71A



3D151225

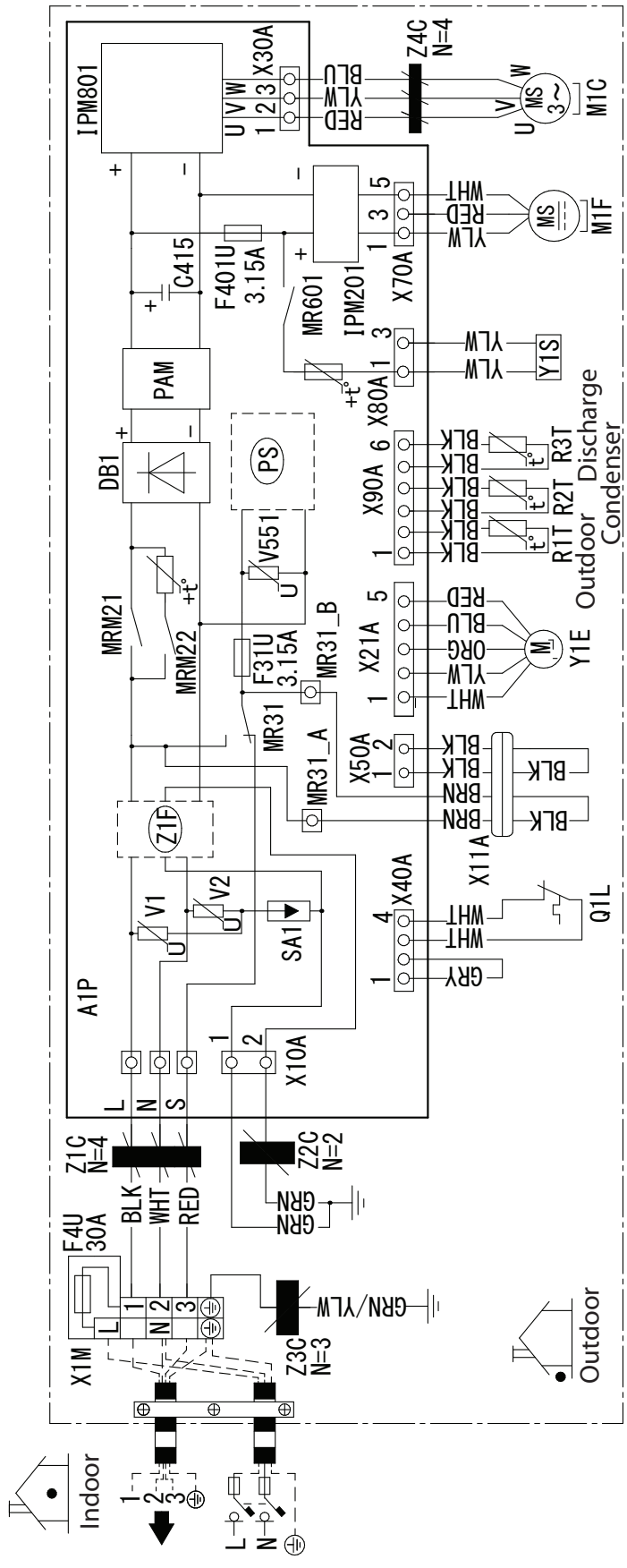
8 Wiring diagrams

8 - 1 Wiring Diagrams - Single Phase

ARXM25-35A
RXM20-35A

Wiring diagram

For the power requirements, refer to the nameplate



A1P	Printed circuit board
C415	Capacitor
DB1	Diode bridge
IPM201, IPM801	Intelligent power module
L	Live
M1C	Compressor motor
M1F	Fan motor
N	Neutral
PAM	Pulse-amplitude modulation
PS	Switching power supply
Q1L	Overload protector
SA1	Surge arrestor
X1M	Terminal strip
Y1E	Electronic expansion valve coil
Y1S	Reversing solenoid valve coil
F4U, F31U, F401U	Fuse
MRM21, MRM22, MR31, MR601,	Magnetic relay
R1T, R2T, R3T	Thermistor
X10A, X11A, X21A, X30A, X40A, X50A, X70A, X80A, X90A	Connector
V1, V2, V551	Varistor
Z1C, Z2C, Z3C, Z4C	Ferrite core
S, MR31_A, MR31_B	Connection
Z1F	Noise filter

BLK : Black
WHT : White
BRN : Brown
RED : Red
GRN : Green
YLW : Yellow
ORG : Orange
BLU : Blue
GRY : Grey
⏚ : Protective earth
⏚ : Earth

: Field wiring

4D147369

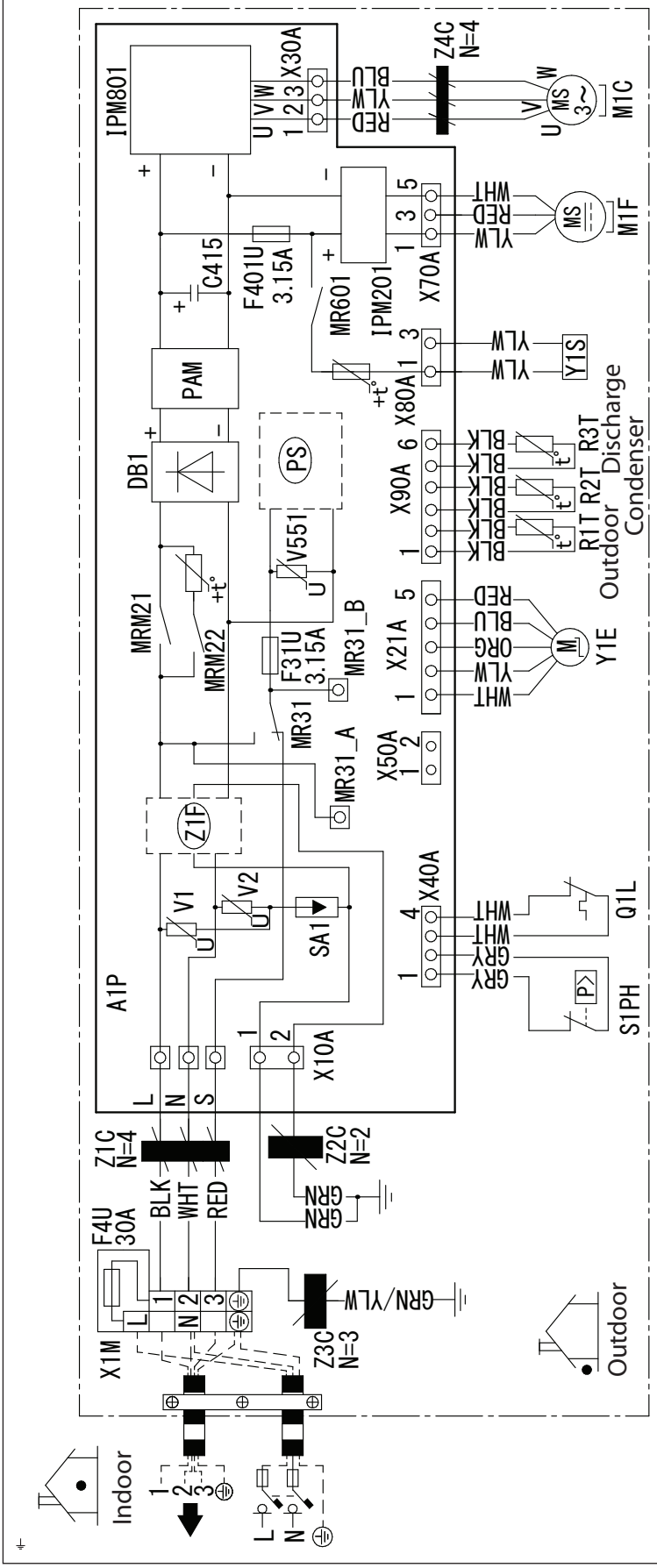
8 Wiring diagrams

8 - 1 Wiring Diagrams - Single Phase

RXM42A

Wiring diagram

For the power requirements, refer to the nameplate



A1P	Printed circuit board
C415	Capacitor
DB1	Diode bridge
IPM201, IPM801	Intelligent power module
L	Live
M1C	Compressor motor
M1F	Fan motor
N	Neutral
PAM	Pulse-amplitude modulation
PS	Switching power supply
Q1L	Overload protector
S1PH	High pressure switch
SA1	Surge arrestor
X1M	Terminal strip
Y1E	Electronic expansion valve coil
Y1S	Reversing solenoid valve coil
F4U, F31U, F401U	Fuse
MRM21, MRM22, MR31, MR601,	Magnetic relay
R1T, R2T, R3T	Thermistor
X10A, X21A, X30A, X40A, X50A, X70A, X80A, X90A	Connector
V1, V2, V551	Varistor
Z1C, Z2C, Z3C, Z4C	Ferrite core
S, MR31_A, MR31_B	Connection
Z1F	Noise filter

BLK : Black
WHT : White
BRN : Brown
RED : Red
GRN : Green
YLW : Yellow
ORG : Orange
BLU : Blue
GRY : Grey
⏚ : Protective earth
⏚ : Earth

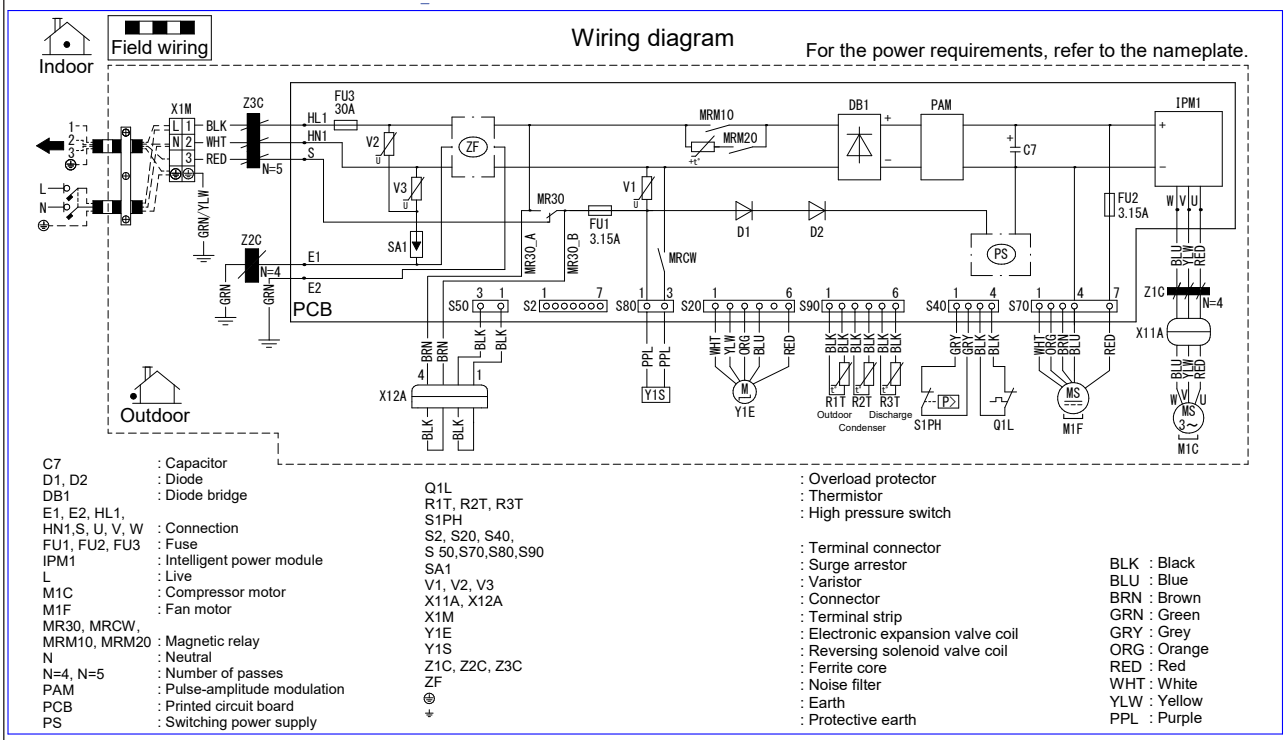
: Field wiring

4D147370B

8 Wiring diagrams

8 - 1 Wiring Diagrams - Single Phase

RXM50A

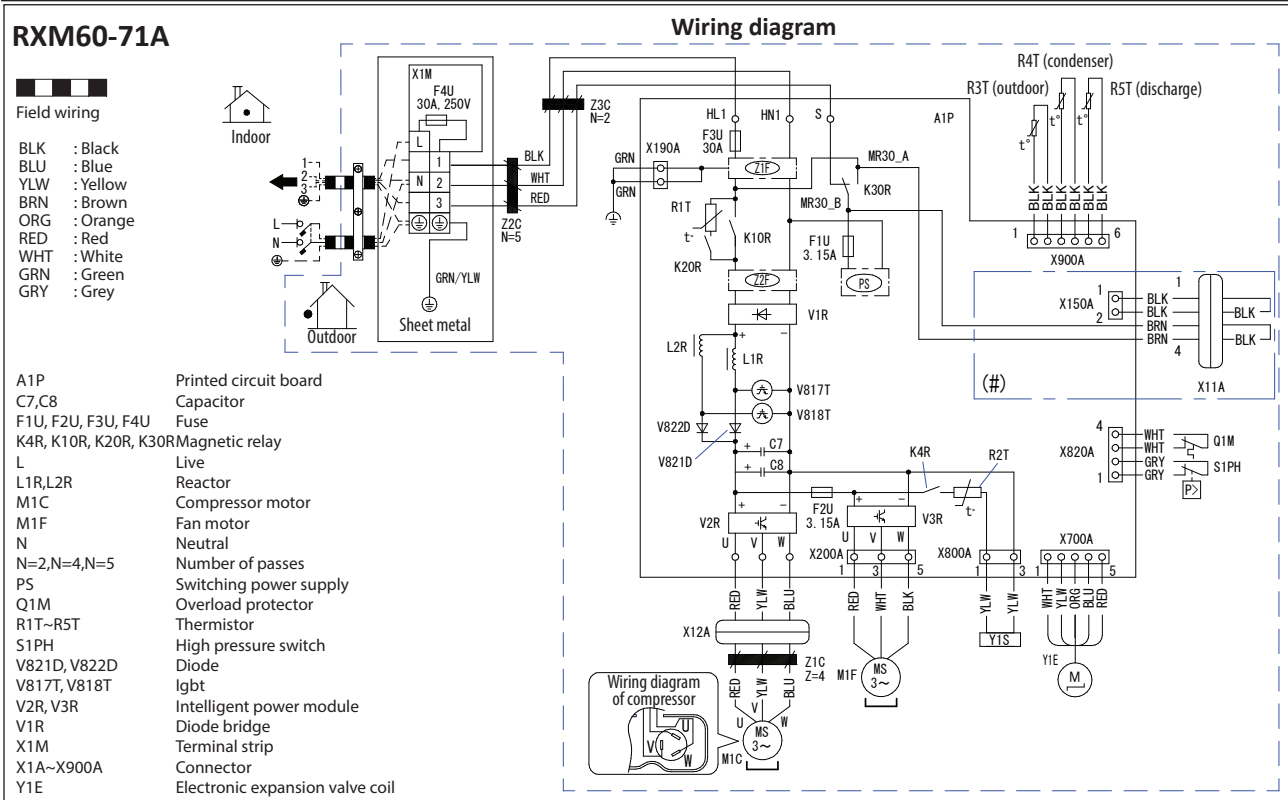


C7	: Capacitor
D1, D2	: Diode
DB1	: Diode bridge
E1, E2, HL1, HN1,S, U, V, W	: Connection
FU1, FU2, FU3	: Fuse
IPM1	: Intelligent power module
L	: Live
M1C	: Compressor motor
M1F	: Fan motor
MR30, MRCW, MRM10, MRM20	: Magnetic relay
N	: Neutral
N=4, N=5	: Number of passes
PAM	: Pulse-amplitude modulation
PCB	: Printed circuit board
PS	: Switching power supply
Q1L	: Overload protector
R1T, R2T, R3T	: Thermistor
S1PH	: High pressure switch
S2, S20, S40, S 50,S70,S80,S90	: Terminal connector
SA1	: Surge arrestor
V1, V2, V3	: Varistor
X11A, X12A	: Connector
X1M	: Terminal strip
Y1E	: Electronic expansion valve coil
Y1S	: Reversing solenoid valve coil
Z1C, Z2C, Z3C	: Ferrite core
ZF	: Noise filter
⏚	: Earth
	: Protective earth

BLK	: Black
BLU	: Blue
BRN	: Brown
GRN	: Green
GRY	: Grey
ORG	: Orange
RED	: Red
WHT	: White
YLW	: Yellow
PPL	: Purple

3D130906A

RXM60-71A



A1P	Printed circuit board
C7,C8	Capacitor
F1U, F2U, F3U, F4U	Fuse
K4R, K10R, K20R, K30R	Magnetic relay
L	Live
L1R,L2R	Reactor
M1C	Compressor motor
M1F	Fan motor
N	Neutral
N=2,N=4,N=5	Number of passes
PS	Switching power supply
Q1M	Overload protector
R1T~R5T	Thermistor
S1PH	High pressure switch
V821D, V822D	Diode
V817T, V818T	Igbt
V2R, V3R	Intelligent power module
V1R	Diode bridge
X1M	Terminal strip
X1A~X900A	Connector
Y1E	Electronic expansion valve coil
Y1S	Reversing solenoid valve coil
Z1C ,Z2C, Z3C	Ferrite core
Z1F, Z2F	Noise filter
⏚	Protective earth
⌒	Noiseless earth

BLK	: Black
BLU	: Blue
YLW	: Yellow
BRN	: Brown
ORG	: Orange
RED	: Red
WHT	: White
GRN	: Green
GRY	: Grey

NOTES

1. Refer to the nameplate for the power requirements.
2. Do not remove or replace fuse when the units are energized.
3. (#) Only for the units with the suspend connector specified in the installation manual.

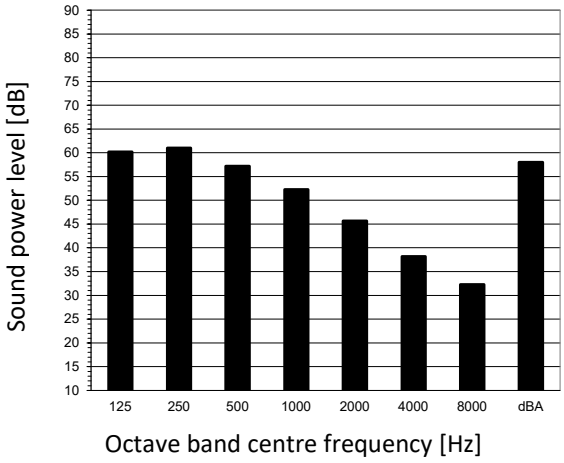
3D150217

9 Sound data

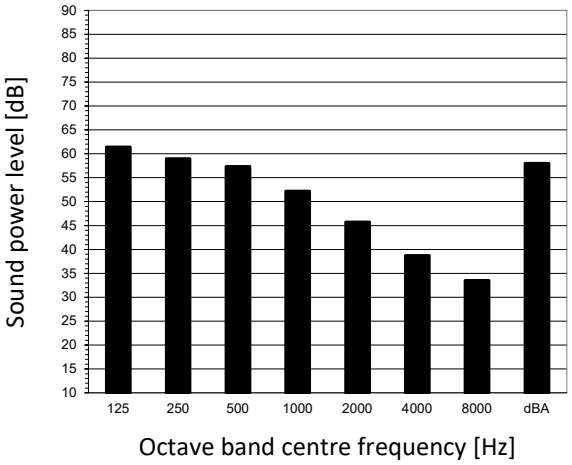
9 - 1 Sound Power Spectrum

RXM20A

Cooling



Heating



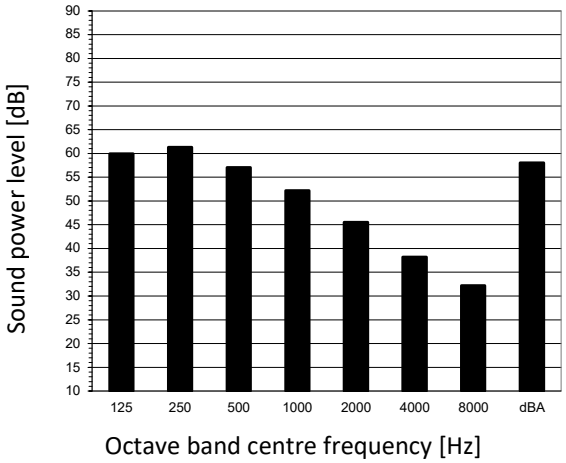
Fan speed: High

Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

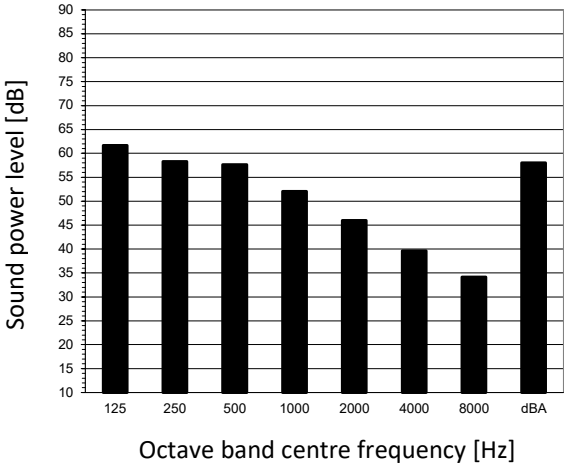
4D148770

RXM25A

Cooling



Heating



Fan speed: High

Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

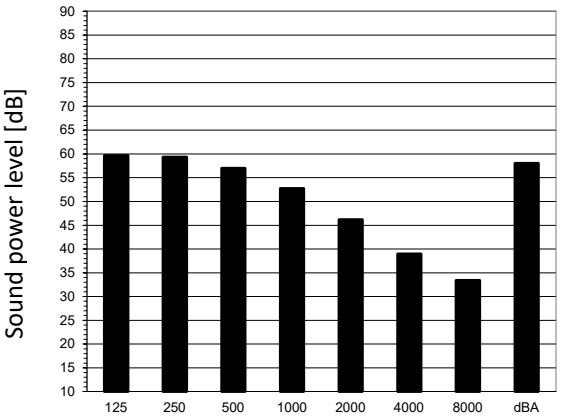
4D148790

9 Sound data

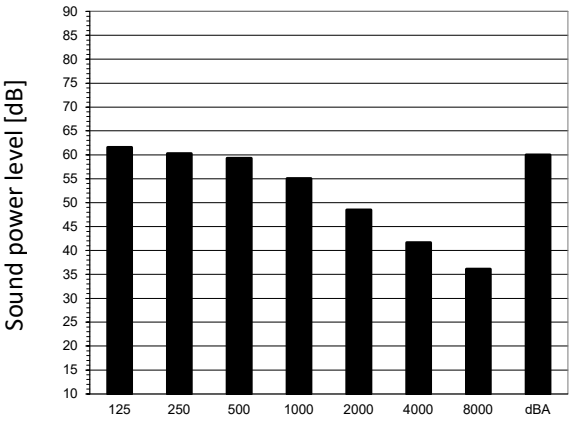
9 - 1 Sound Power Spectrum

RXM35A

Cooling



Heating



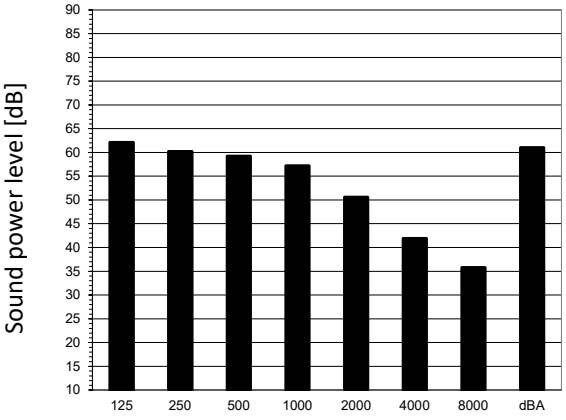
Fan speed: High

Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

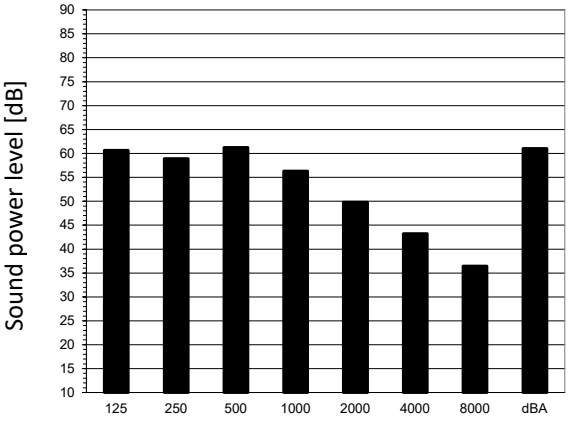
4D148795

RXM42A

Cooling



Heating



Fan speed: High

Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

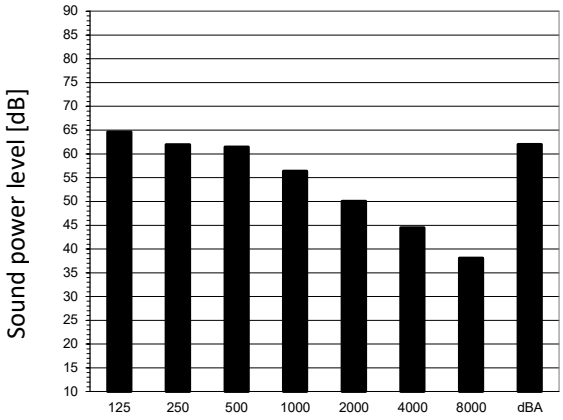
4D148793

9 Sound data

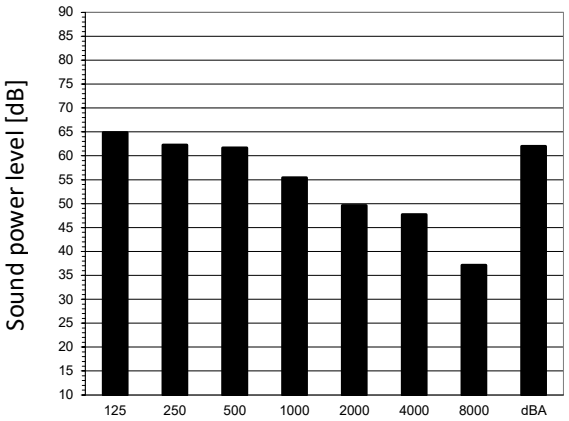
9 - 1 Sound Power Spectrum

RXM50A

Cooling



Heating



Fan speed: High

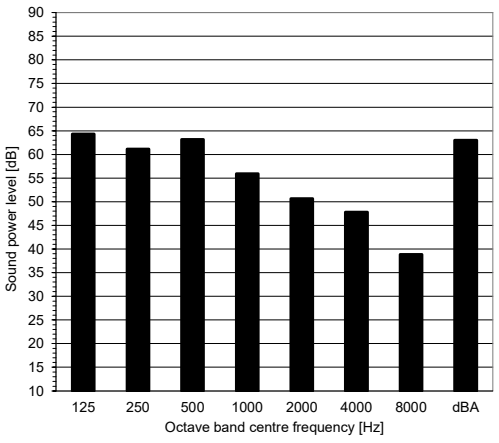
Notes

1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

4D148792

RXM60A

Cooling mode



Fan speed: High

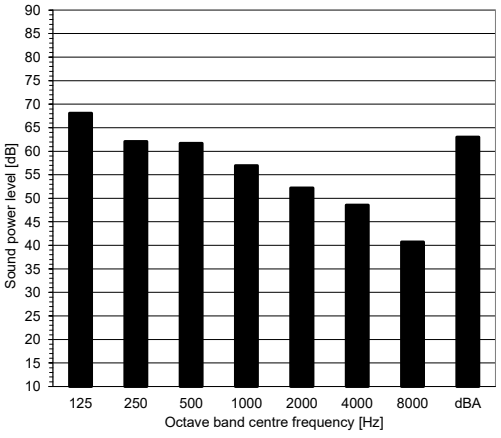
Notes

1) dBA = A-weighted sound power level (A scale according to IEC).

2) Reference acoustic power 0 dB = ·10^ -12 W/m2·

3) Measured according to ISO 3744

Heating mode



Fan speed: High

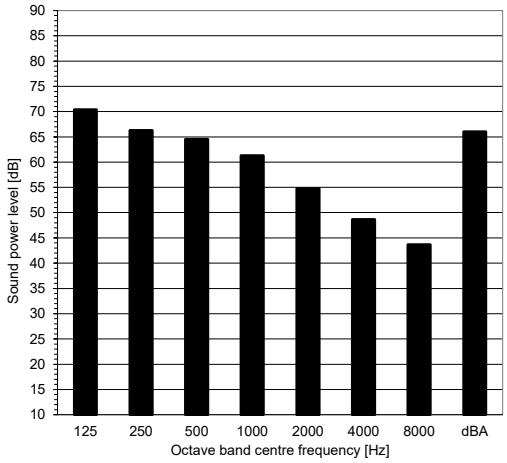
4D154644

9 Sound data

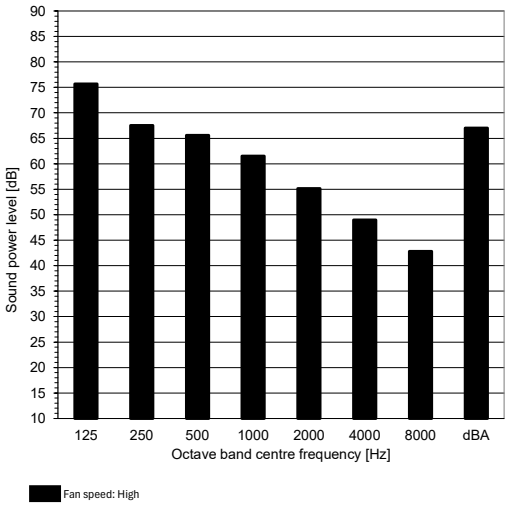
9 - 1 Sound Power Spectrum

RXM71A

Cooling mode



Heating mode



Notes

1) dBA = A-weighted sound power level (A scale according to IEC).

2) Reference acoustic power 0 dB = ·10^ -12 W/m2·

3) Measured according to ISO 3744

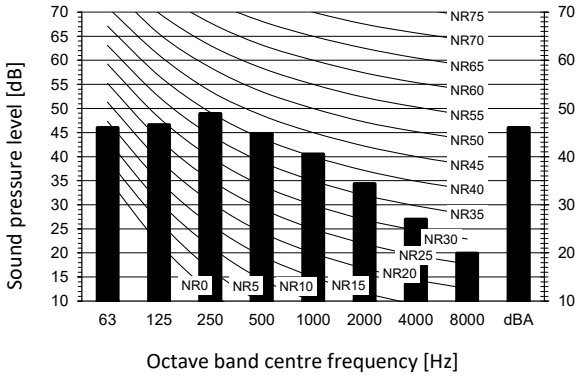
4D154647

9 Sound data

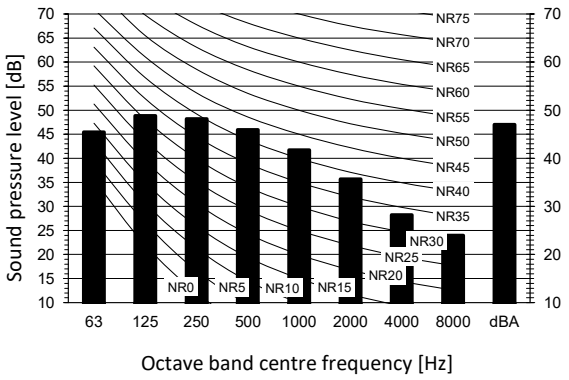
9 - 2 Sound Pressure Spectrum

RXM20A

Cooling mode



Heating mode



Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B Fan speed: High

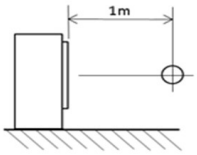
Cooling Total dB

A	B
dBA	46

Heating Total dB

A	B
dBA	47

Location of microphone



Notes

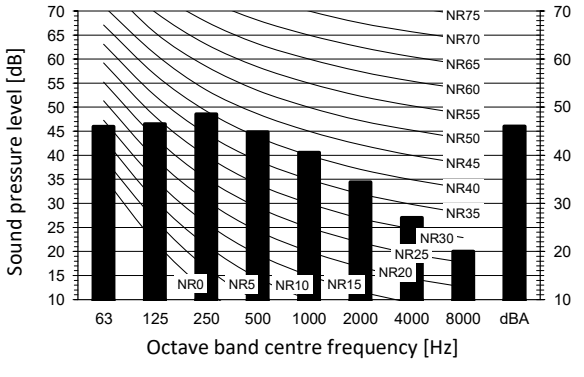
1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard

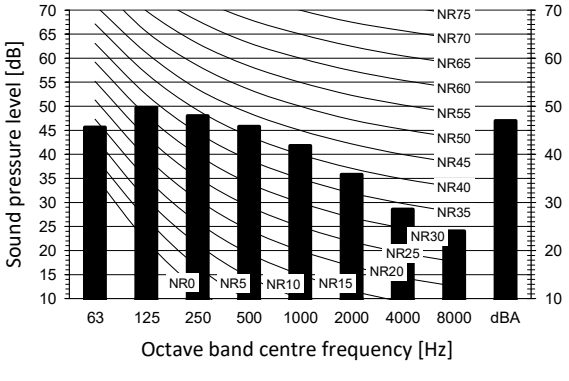
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

4D148976

RXM25A Cooling mode

Heating mode





Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B Fan speed: High

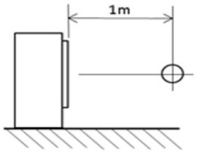
Cooling Total dB

A	B
dBA	46

Heating Total dB

A	B
dBA	47

Location of microphone



Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard

2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

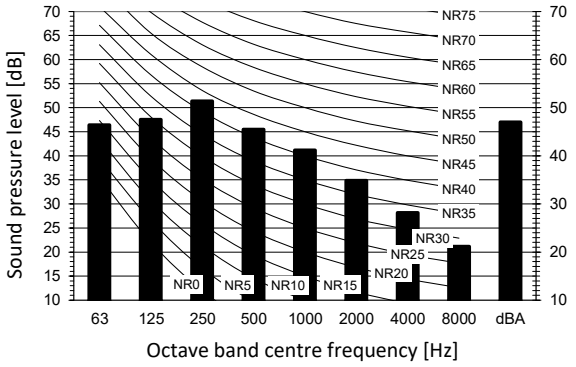
4D148977

9 Sound data

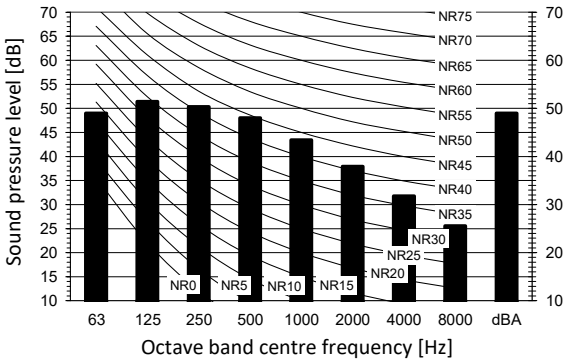
9 - 2 Sound Pressure Spectrum

RXM35A

Cooling mode



Heating mode



Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B Fan speed: High

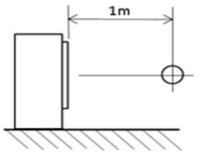
Cooling Total dB

A	B
dBA	47

Heating Total dB

A	B
dBA	49

Location of microphone



Notes

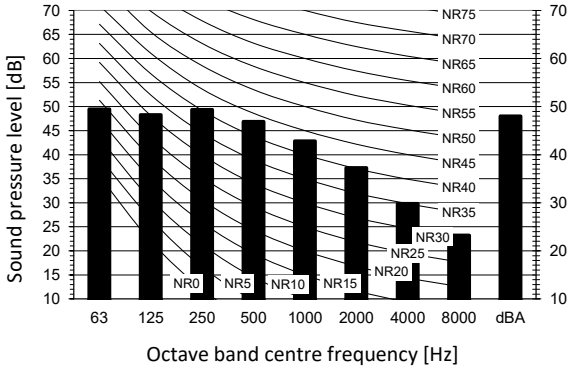
1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard

2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

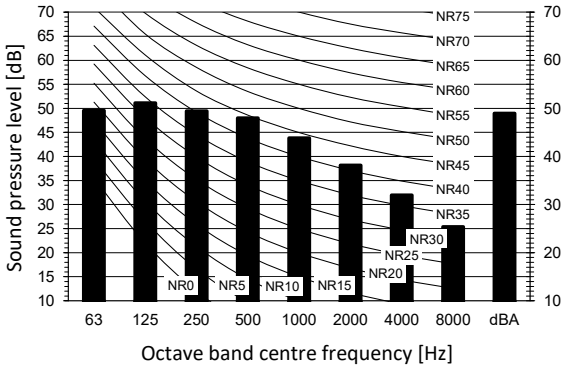
4D148978

RXM42A

Cooling mode



Heating mode



Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B Fan speed: High

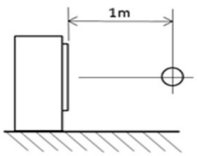
Cooling Total dB

A	B
dBA	48

Heating Total dB

A	B
dBA	49

Location of microphone



Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard

2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

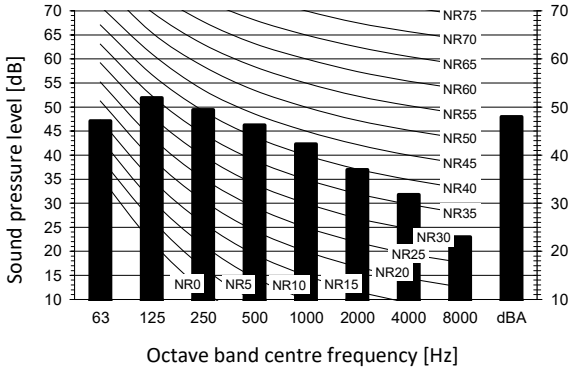
4D148979

9 Sound data

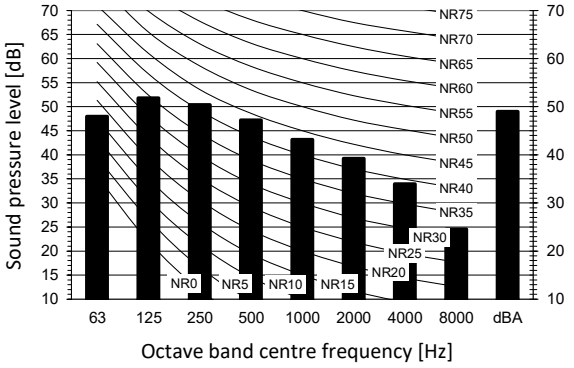
9 - 2 Sound Pressure Spectrum

RXM50A

Cooling mode



Heating mode



Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B Fan speed: High

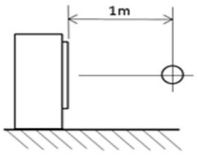
Cooling Total dB

A	B
dBA	48

Heating Total dB

A	B
dBA	49

Location of microphone



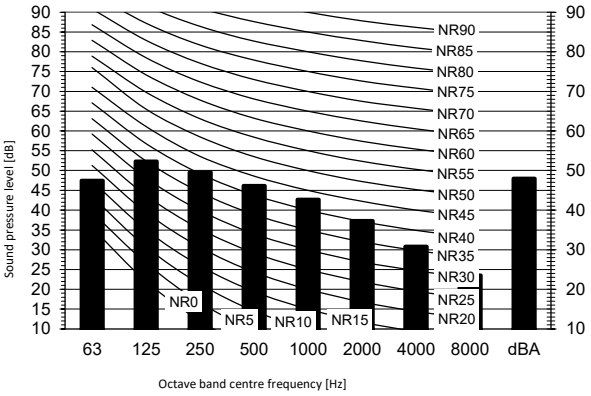
Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

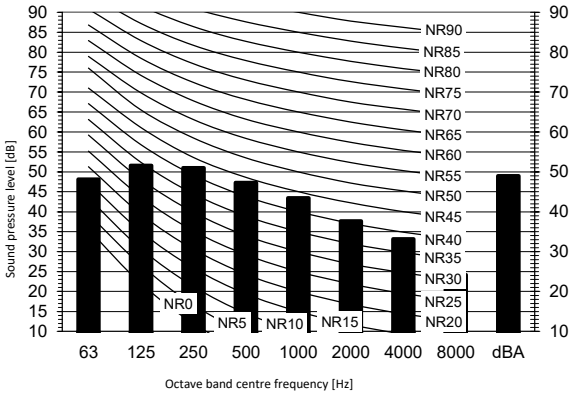
4D148980

RXM60A

Cooling mode



Heating mode



Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B Fan speed: High

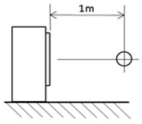
Cooling Total dB

A	B
dBA	48

Heating Total dB

A	B
dBA	49

Location of microphone



Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

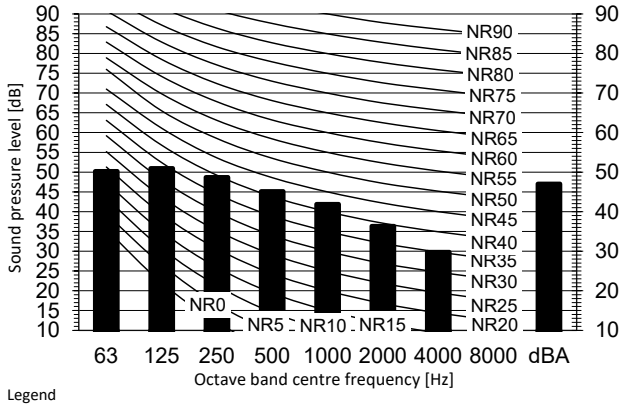
3D131754

9 Sound data

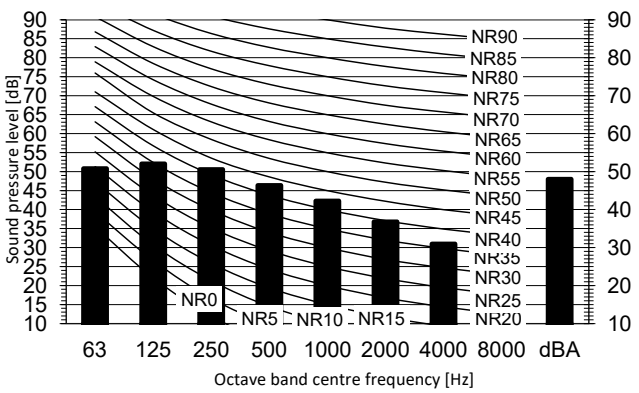
9 - 2 Sound Pressure Spectrum

RXM71A

Cooling mode



Heating mode



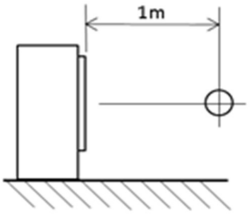
Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B Fan speed: High

Location of microphone



Cooling Total dB

A	B
dBA	47

Heating Total dB

A	B
dBA	48

Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

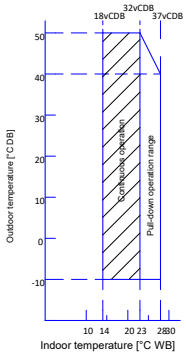
3D131755

10 Operation range

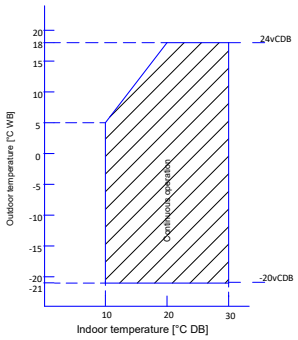
10 - 1 Operation Range

ARXM35A9
ARXM25-35A
RXM25-35A9
RXM20-42A

Cooling



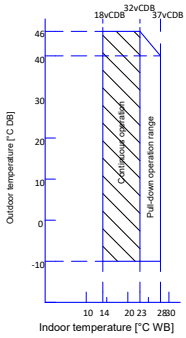
Heating



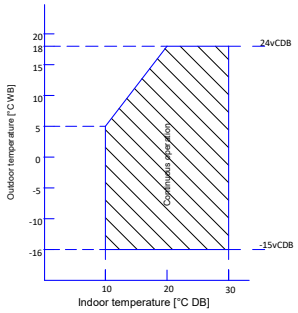
Notes
1. The graphs are based on the following conditions.
Corresponding refrigerant piping length: 5 m
Level difference: 0m
Air flow rate High

Only possible in combination with ATXM*A2V1B, ATXM*A5V1B, FTXM*A2V1B, FTXM*A5V1B, FVXM*B2V1B

Cooling



Heating

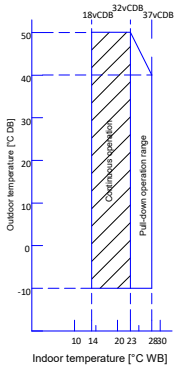


Only possible in combination with FCAG*BVEB, FFA*A2VEB9, FBA*A2VEB9, FHA*AVEB98, FDXM*F3V1B9, FNA*A2VEB9, ADEA*A2VEB, FVXM*A3V1B, FVXM*A3V1B9

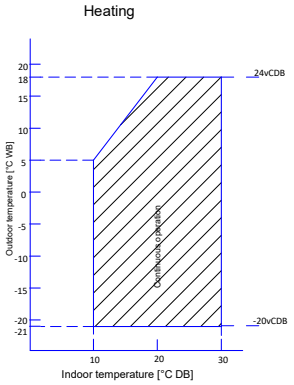
3D148983C

ARXM50A9
ARXM50A
RXM50A9
RXM50A

Cooling



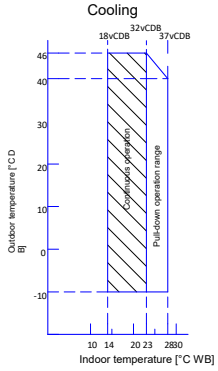
Heating



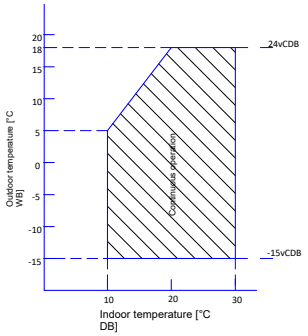
Notes
1. The graph is based on the following conditions.
Corresponding refrigerant piping length: 5 m
Level difference: 0m
Air flow rate High

Only possible in combination with ATXM*A2V1B, ATXM*A5V1B, FTXM*A2V1B, FTXM*A5V1B

Cooling



Heating



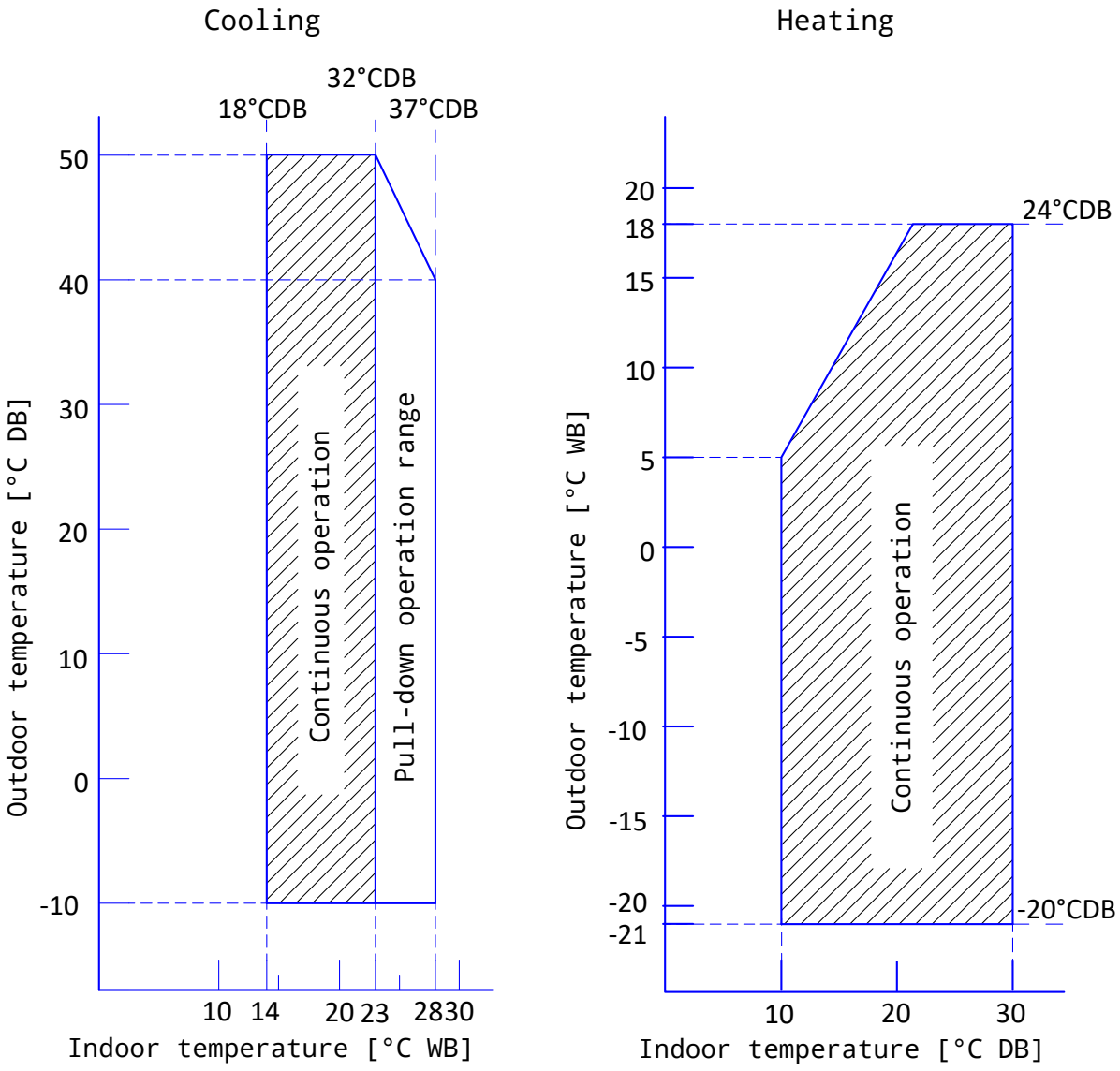
Only possible in combination with FCAG*BVEB, FFA*A2VEB9, FBA*A2VEB9, FHA*AVEB98, FHA*AVEB99, FDXM*F3V1B9, FNA*A2VEB9, ADEA*A2VEB, FVXM*A3V1B, FVXM*A3V1B9, FVXM*B2V1B

3D148981A

10 Operation range

10 - 1 Operation Range

RXM60A



Notes

1. The graphs are based on the following conditions.
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
   Air flow rate High

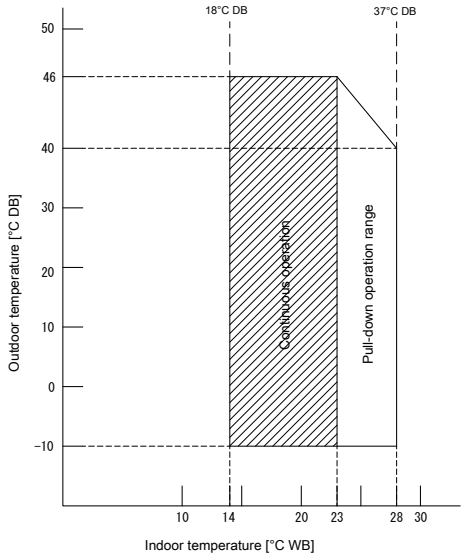
4D132631A

10 Operation range

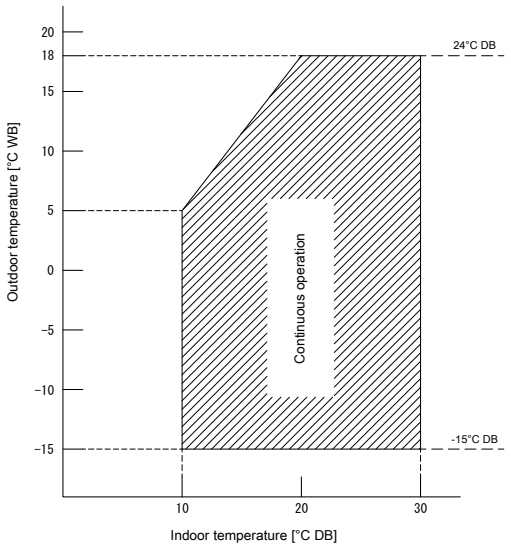
10 - 1 Operation Range

RXM71A

Cooling



Heating



Notes

1. The graphs is based on the following conditions.
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
   Air flow rate High

3D120207

Daikin Europe N.V. Naamloze Vennootschap · Zandvoordestraat 300 · 8400 Oostende · Belgium · www.daikin.eu · BE 0412 120 336 · RPR Oostende (Responsible Editor)

Daikin Europe N.V. participates in the ECP programmes for Fan Coil Units and Variable Refrigerant Flow systems. Daikin Applied Europe S.p.A. participates in the ECP programmes for Liquid Chilling Packages and Hydronic Heat Pumps. Check ongoing validity of certificate: www.eurovent-certification.com

EEDEN24**A** 11/2024

The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V.. Daikin Europe N.V. has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin Europe N.V.

DESIGN AND ACCESS STATEMENT

Specsavers Opticians, 2a The Walk, Beccles, NR34 9AJ

1.0 INTRODUCTION

1.1 Overview

This statement is in support of the above site for:

Full Planning Consent: Proposed installation of X2 new AC condenser units to rear flat roof area.

Listed Building Consent: Proposed installation of X2 new AC condenser units to rear flat roof area. New shopfront signage. Repairs & redecoration of shopfront.

Advertisement Consent: New shopfront facia signage & hanging sign.

Use: The unit is situated within the high street neighboured by various other retailers. It is currently trading as Specsavers and will continue to do so.

2.0 DESIGN

2.1 Signage Works

The existing timber fascia sign is to be replaced with a new fascia sign. There is to be a new hanging sign mounted to the fascia panel also, on the left hand side; where previous approval had been granted to have it towards the right hand side of the fascia panel (currently not in place as it kept falling away from the fascia panel.)

The new fascia panel will be 3mm folded aluminium back panel (finished powder-coated in a traditional matt green finish) with white opal acrylic logo and lettering applied to the face. The fascia sign will be non-illuminated.

The new hanging sign will be a 3mm folded aluminium back panel (finished powder-coated in a traditional matt green finish) with white opal acrylic logo applied to the face (same both sides.) It will be suspended from a steel hanging bracket, and will be non-illuminated.

The existing shopfront window and door frames will also be repaired where deteriorated (timber board and moulding to match the existing design and proportions in all instances) and then redecorated to match RAL 7012 Basalt Grey (as existing.)

2.2 HVAC Works to Flat Roof Area

There will be an additional X2 condenser units installed to the rear flat roof area next to the existing X10 units that currently serve the retail unit. The new units will be installed to on a floor mounted unistrut steel frame which will sit on the flat roof structure to prevent any screw or bolt fixings having to be made within the buildings brickwork wall.

Typical AC condenser units, the design and position of the units have been carried out by a specialist. Our client always seeks the advice of independent Air Conditioning specialists, to provide the most efficient AC installation, aiming to use the minimum units possible to comply. The condenser unit will be positioned behind perimeter walls and will not be visible to from the street to either the front, side or rear elevations.

2.3 HVAC Impact

The new external AC condenser units will not impact the high street scene and are only partially visible from a shared car park to the rear. The flat roof area where they will be located, is concealed on 3 sides by the buildings wall/roof constructions, so visual impact of the condenser units will be contained and kept to a minimum.

The condenser units will only be operational during working hours (08:00am – 18:30pm) due to an automatic shut-off system that will be installed to prevent the air conditioning and lighting being on out of trading hours. There are currently X10 condenser units in this area the proposals will ensure a more energy efficient solution to heating and cooling the interior. The max sound pressure for the units is 52dBA @ 1m (please refer to attached data books for technical specifications + noise data.)

We therefore feel the new HVAC layout and condenser unit location reduce any impact afforded to neighbouring properties, and provides a much-improved design.

2.4 Layout

The relationship between the buildings within and outside the application site will not change as a result of this application. The proposals have been designed to be within the existing envelope, to give continuity.

2.5 Scale

No extension or footprint increase is proposed. The scale of the proposals have been kept to a minimum, to match the existing. The AC condenser units are small installations and are being located within a pre-existing service area. The proposed shopfront and signage works, barring a slight prepositioning of a hanging sign, aims to mimic that which is existing, for continuity.

3.0 ACCESS

Pedestrian access to and from the building will be retained as existing, no alterations are proposed. Vehicular access will also remain as existing, no alterations as a result of this application.

4.0 JUSTIFICATION

4.1 Signage Justification

The new shopfront signage is important to our client as it will give the new store brand continuity with the Specsavers brand and make the store recognisable to the general public within the high street location. The proposed aluminium fascia panel offers a number of practical and visual benefits over the existing timber construction.

The existing fascia panel is very exposed to the elements, and continues to deteriorate quickly, requiring regular maintenance and replacements. Aluminium provides a durable, weather-resistant and dimensionally stable substrate that is better suited to withstanding external conditions over an extended period. Unlike timber, it is not susceptible to rot, splitting or deterioration associated with moisture ingress to the same extent, thereby reducing the likelihood of recurring maintenance issues and premature failure.

The replacement fascia will provide a more consistent and refined finish, improving the overall presentation of the signage and ensuring that it maintains a clean, crisp and professional appearance. The use of aluminium will also help minimise warping, distortion and unevenness, allowing the fascia to retain its intended form and finish over time.

Importantly, the proposed replacement will address the shortcomings of the existing deteriorating timber panel. By introducing a more robust and reliable fascia system, the proposal will reduce the risk of materials becoming detached and falling onto the public pavement. The new panel will be securely installed using appropriate fixings and a suitable supporting arrangement, providing a safer and more dependable installation.

The aluminium fascia will also provide a more suitable and reliable substrate for the associated hanging sign. Its durable construction will allow the hanging sign to be securely mounted using fixings appropriate to the design and loading requirements of the installation. This will help ensure that the sign remains stable and safely supported throughout its service life, subject to suitable installation and maintenance.

Whilst aluminium offers clear advantages in terms of durability and performance, careful consideration has been given to ensuring that the replacement fascia retains a traditional and sympathetic appearance.

The proposed aluminium panel will have a matt painted finish, avoiding the reflective or overly contemporary appearance that can sometimes be associated with metal signage. The matt finish will provide a subdued, understated appearance, helping the fascia sit comfortably within its surroundings whilst maintaining the crisp lines and quality of finish expected of a well-maintained commercial frontage. The existing perimeter timber mouldings around the fascia panel will also be retained, and the new sign installed within their demise. This will retain the traditional moulded appearance and hide the aluminium edges of the fascia panel.

The proposal is therefore not intended to introduce an unduly prominent or visually intrusive feature. Rather, it represents a considered improvement to the existing signage, replacing a deteriorating material with a more durable alternative whilst retaining an appropriate visual character.

The improved finish will also contribute positively to the appearance of the building frontage and the wider street scene by removing the tired and weathered appearance associated with the existing timber panel.

The replacement of the existing timber fascia is justified not only on visual and maintenance grounds, but also by the need to address an identified safety concern. The deterioration of the existing panel and the detachment of sections onto the pavement below create a potential risk to passing pedestrians.

The proposed aluminium fascia, installed using an appropriate fixing system, will provide a more robust and reliable alternative, helping to minimise the risk of material failure and falling components. The secure installation of the associated hanging sign will further support the safe operation of the signage.

4.2 HVAC Justification

The proposed AC units are essential to ensure temperature and fresh air flow is maintained within the medical test rooms. Individual units are required for each test room and the customer circulation spaces to ensure the interior temperature is kept constant for the delicate equipment used throughout. This requirement is part of the NHS contract agreement for keeping their store up to the correct standards. The new units are required for some additional units that are required internally.

Our client always seeks the advice of independent Air Conditioning specialists, to provide the most efficient AC installation, aiming to use the minimum units possible to comply. Without the proposed AC and condenser units, Specsavers could not operate from the property and could not provide their eye care and hear care services to the community.

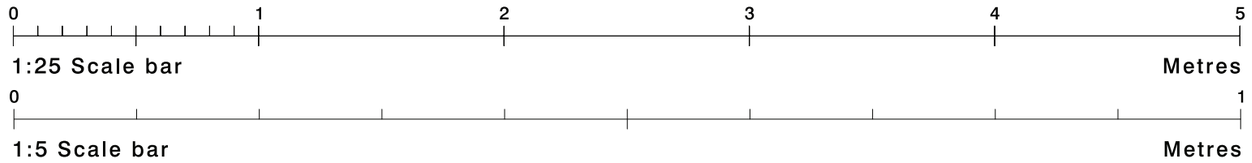
5.0 PHOTOS



Photos show the positioning of existing AC condenser units on the flat roof to the rear.



Photo shows the front elevation of the property.



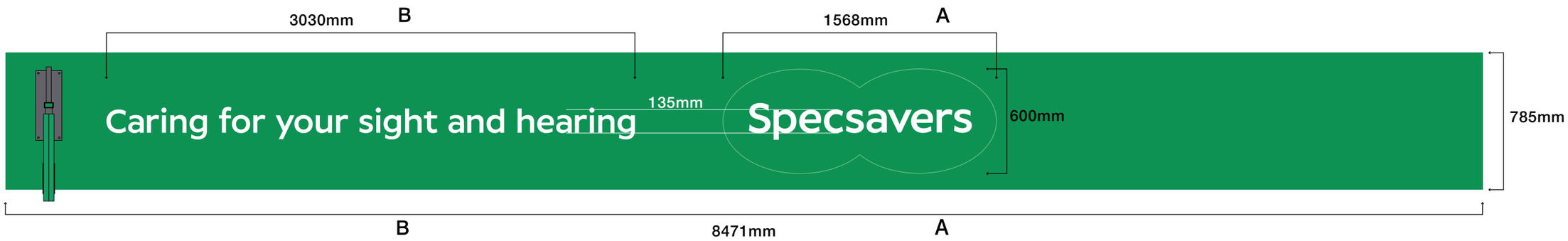
Sign 1 - Non Illuminated Conservation Fascia Sign - Scale 1:25

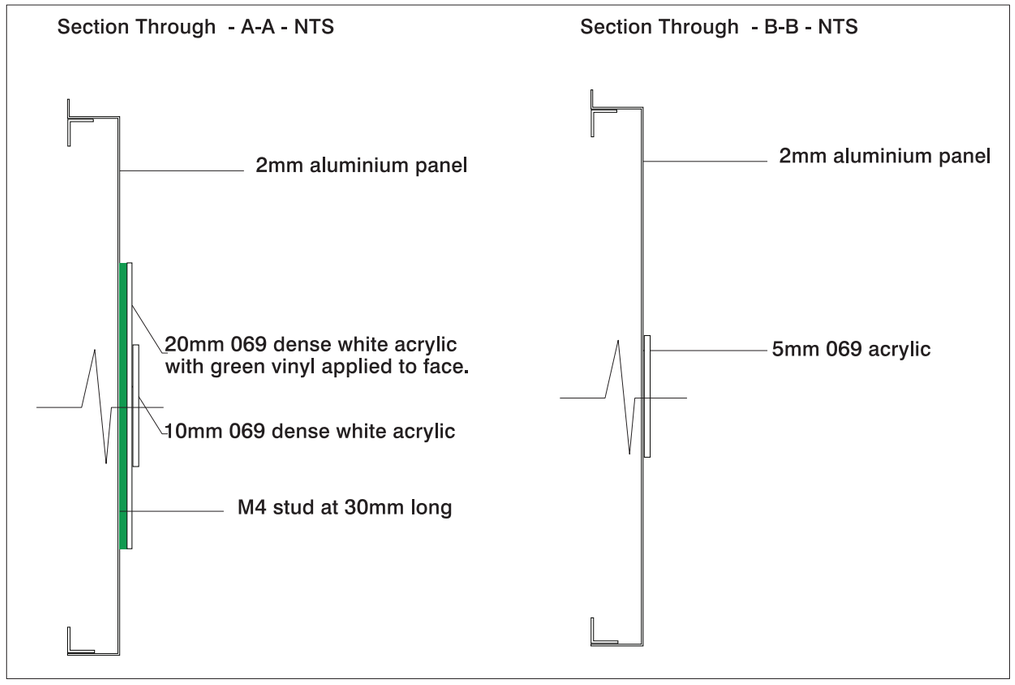
1No. Face panels to be LASER cut 2.5mm Aluminium with 50mm returns.
All panels to be powder coated externally Green PM2418c.
To be fixed using 40x40mm extruded aluminium angle for fixing support.

1No. Set of Strapline lettering to be CNC Router cut 5mm Opal 069 Acrylic, secured to aluminium panel.

1No. 'Specsavers' lozenge to be CNC Router cut 20mm 069 acrylic, with green vinyl applied to face.
Complete with set of 10mm 069 dense white acrylic 'specsavers' text mounted to face.
All to be secured to aluminium panel using M4 studs at 30mm O/A length.

Height from ground to underside of sign is: 2539mm approx





Site
Specsavers
Beccles

Job Number
148198C

Page
4

Drawing Location
W:\Sales\Specsavers\

Scale
as shown @ A3

Issue / Rev
Issue 01

Drawn by
BI

Checked by
BF

Sales Rep
JS

Date
29/09/2026

BUTTERFIELD SIGNS LTD
174 Sunbridge Rd
Bradford West Yorkshire
BD1 2RZ
Tel: 01274 722244
Fax: 01274 848996
Web: www.butterfieldsigns.co.uk

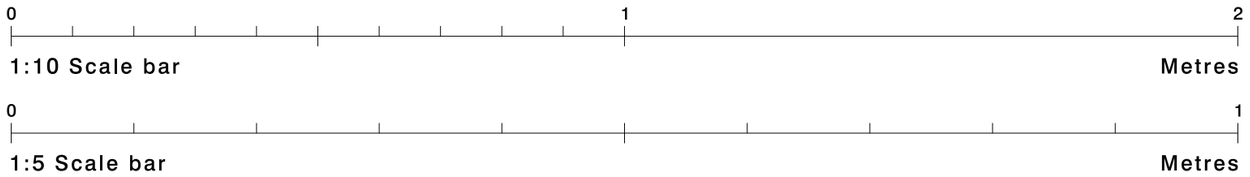
This document is the property of Butterfield Signs Ltd who own the copyright therein. The information in this document is given in confidence and without the written consent of Butterfield Signs Ltd, given by contract or otherwise the document must not be copied, reprinted or reproduced in any material form either wholly or in part nor must the contents of the document or any method of technique available there from be disclosed to any third party.

Sign 02 - Non-Illuminated Conservation Projection Sign

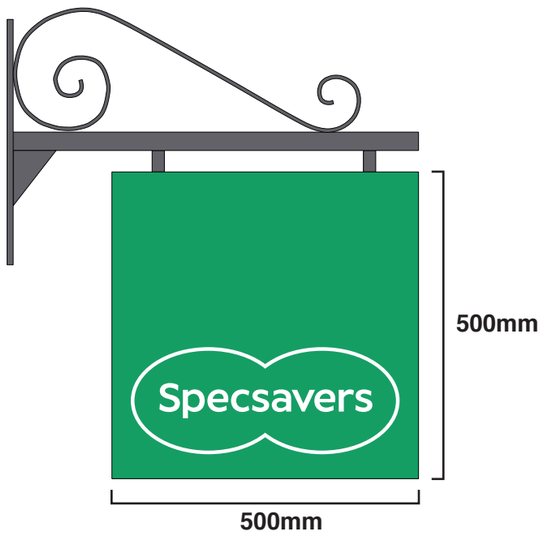
Face panels to be LASER cut 2.5mm aluminium with 25mm returns secured back to back. All panels to be powdercoated externally Green PM2418c. Specsavers lozenge to be router cut 5mm 069 acrylic, with green vinyl applied to face 'Specsavers' text to be weeded out.
Panel secured to decorative protective bracket to suit.

Size: 500 x 500mm
Scale: 1:10

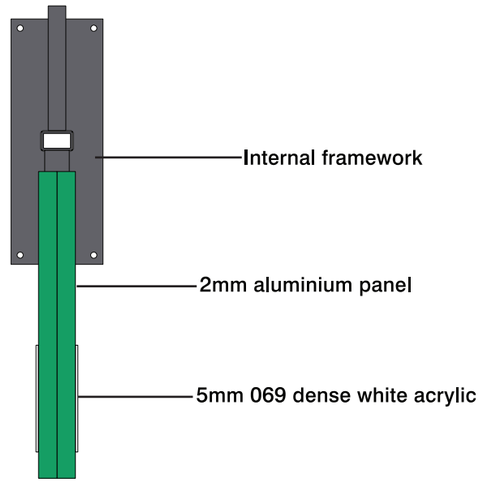
Underside Height is 2555mm approx



Front View

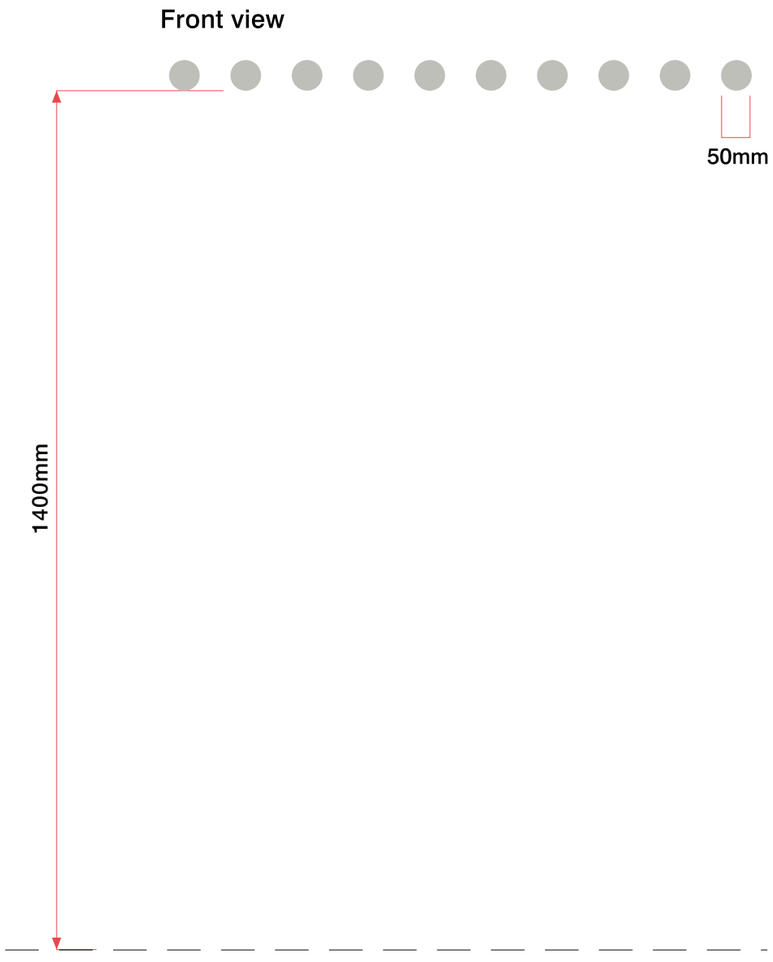


Side View



Sign 3 - Manifestation Dots - Scale 1:10

1No. Set plot cut frosted vinyl manifestation dots. Reverse applied to glazing.



Site Specsavers Beccles	**Job Number** 148198C **Drawing Location** W:\Sales\Specsavers\	**Page** 5	**Scale** as shown @ A3 **Issue / Rev** Issue 01	**Drawn by** BI **Checked by** BF	**Sales Rep** JS **Date** 29/09/2026	**BUTTERFIELD SIGNS LTD** 174 Sunbridge Rd Bradford West Yorkshire BD1 2RZ Tel: 01274 722244 Fax: 01274 848996 Web: www.butterfieldsigns.co.uk

This document is the property of Butterfield Signs Ltd who own the copyright therein. The information in this document is given in confidence and without the written consent of Butterfield Signs Ltd, given by contract or otherwise the document must not be copied, reprinted or reproduced in any material form either wholly or in part nor must the contents of the document or any method of technique available there from be disclosed to any third party.

this drawing remains the property of fisch design limited and duplication of this drawing in whole or any part is strictly forbidden without prior written permission from fisch design ltd

all structural alterations are to be approved by a structural engineer

Scale - 1:50 @ A1

0 1 2 3 4 5

Second Floor.
FFL 15.69m

First Floor.
FFL 12.99m

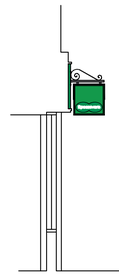
Ground Floor.
FFL 10.00m



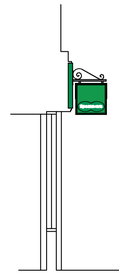
EXISTING FRONT ELEVATION - SCALE 1:50 @ A1



PROPOSED FRONT ELEVATION - SCALE 1:50 @ A1



EXISTING SECTION (SIDE)



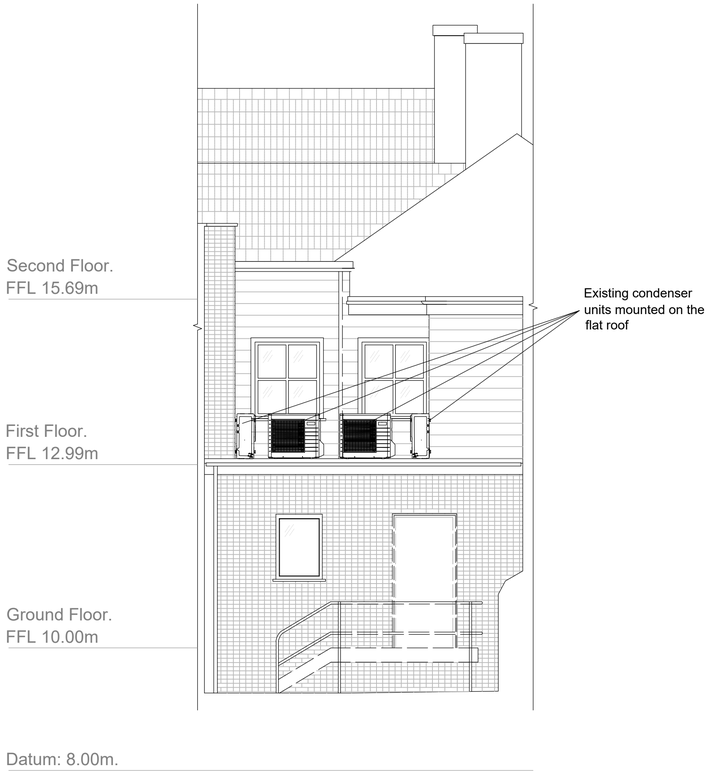
PROPOSED SECTION (SIDE)

DWG NO:	**2689-01** REVISION: **-**
CLIENT:	**Specsavers**
PROJECT:	**2a The Walk, Beccles NR34 9AJ**
TITLE:	**Existing & Proposed Front Elevations /Sections**
ORIGIN:	**TG** CHECKED: **EB**
SCALE:	**1:50@A1** DATE: **09.10.26**

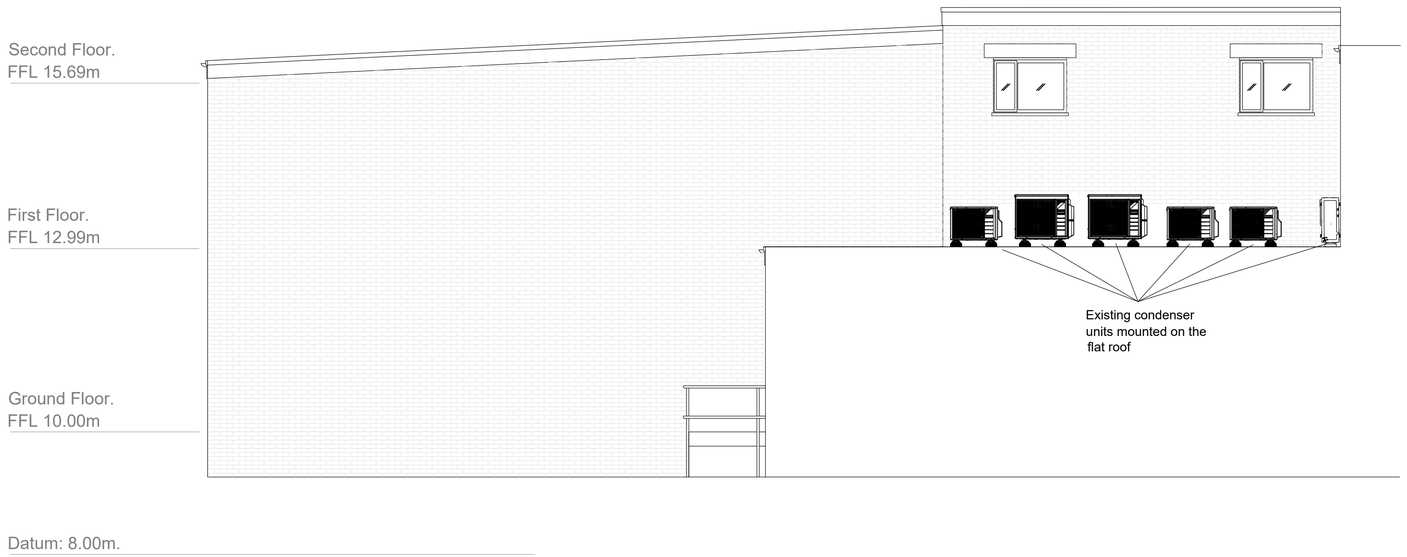
fisch STRUCTURED CREATIVITY
FISCH DESIGN LTD
1 HERITAGE BUSINESS CENTRE
DERBY ROAD, BELPER
DERBYSHIRE, DE56 1SW
+44 (0)1773 828222 / WWW.FISCHDESIGN.CO.UK / MAIL@FISCHDESIGN.CO.UK

this drawing remains the property of fisch design limited and duplication of this drawing in whole or any part is strictly forbidden without prior written permission from fisch design ltd

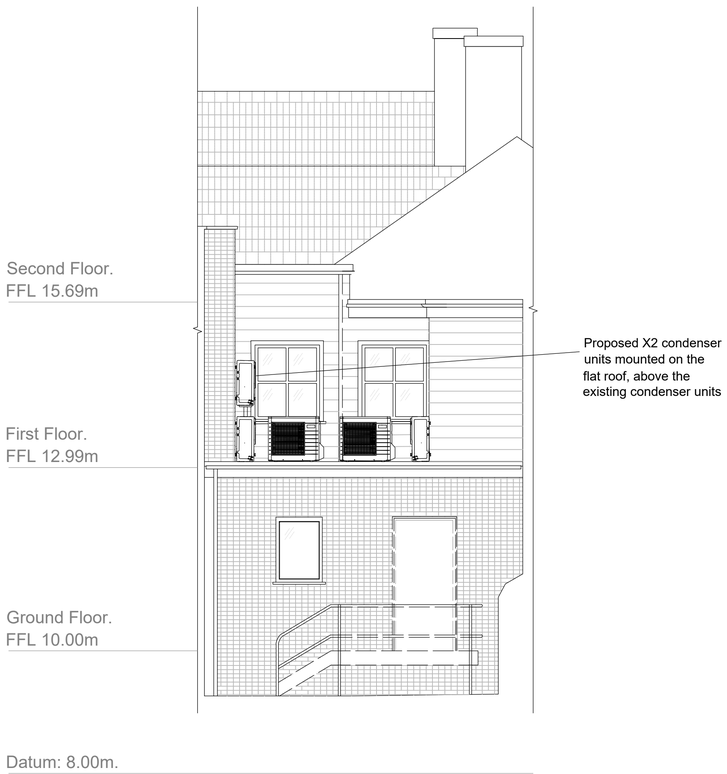
all structural alterations are to be approved by a structural engineer



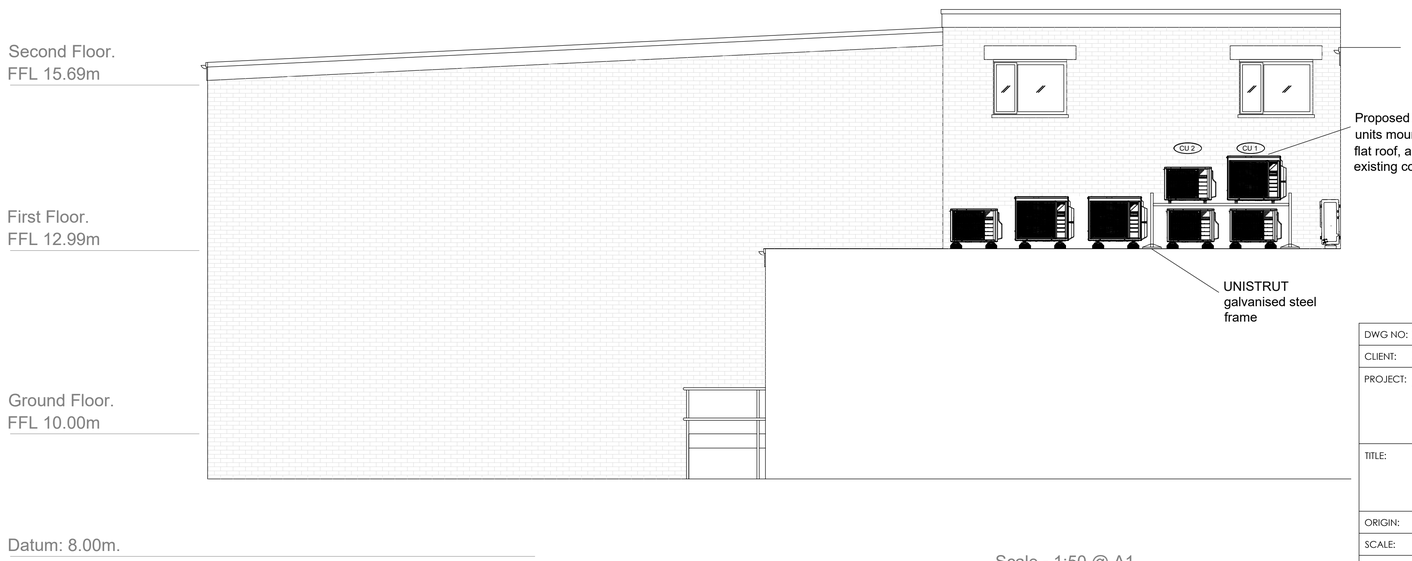
EXISTING REAR ELEVATION - SCALE 1:50 @ A1



EXISTING SIDE SECTION / ELEVATION - SCALE 1:50 @ A1



PROPOSED REAR ELEVATION - SCALE 1:50 @ A1



PROPOSED SIDE SECTION / ELEVATION - SCALE 1:50 @ A1

Scale - 1:50 @ A1

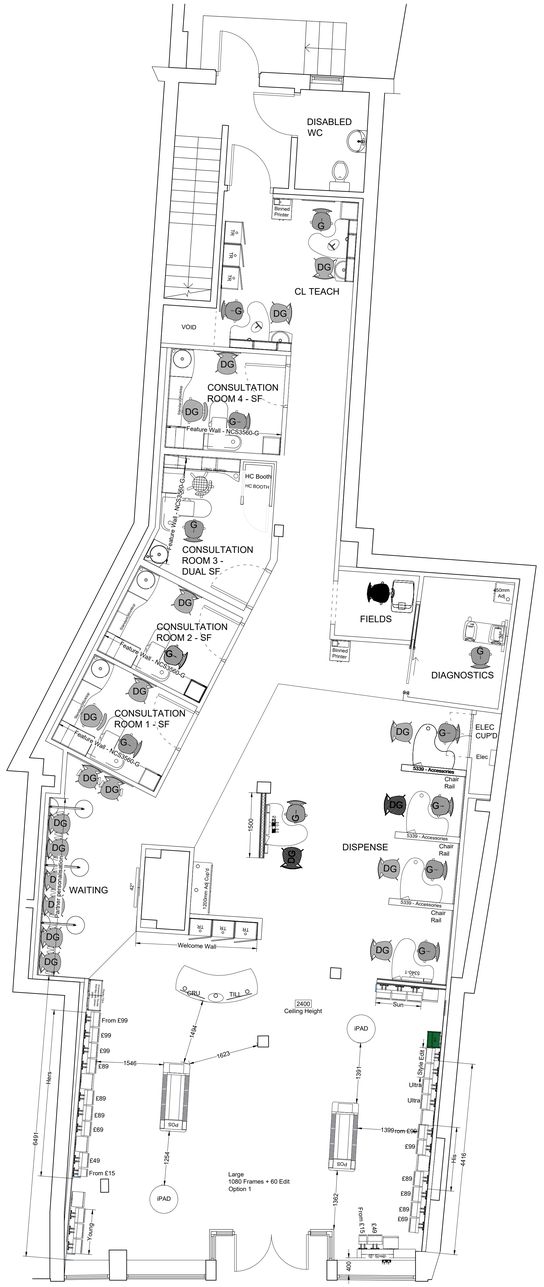
0 1 2 3 4 5

DWG NO:	**2689-02**	REVISION:	**-**
CLIENT:	**Specsavers**		
PROJECT:	**2a The Walk, Beccles NR34 9AJ**		
TITLE:	**Existing and Proposed Rear and Side Elevations**		
ORIGIN:	**-**	CHECKED:	**-**
SCALE:	**1:50@A1**	DATE:	**-**

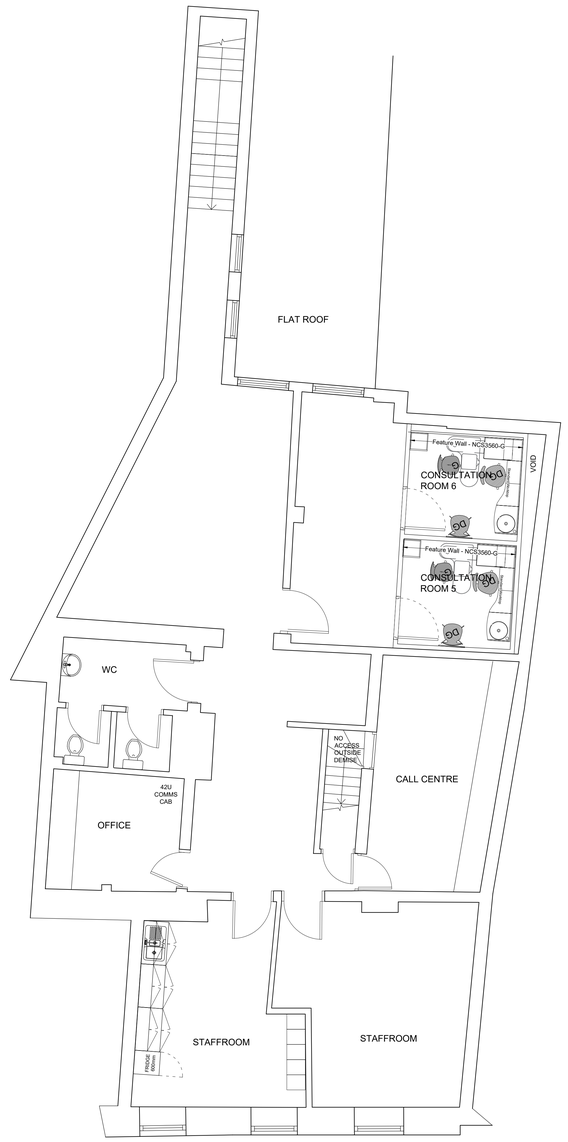
fisch STRUCTURED CREATIVITY

FISCH DESIGN LTD
1 HERITAGE BUSINESS CENTRE
DERBY ROAD, BELPER
DERBYSHIRE, DE56 1SW

+44 (0)1773 828222 / WWW.FISCHDESIGN.CO.UK / MAIL@FISCHDESIGN.CO.UK



EXISTING GROUND FLOOR LAYOUT
SCALE 1:50 @ A0



EXISTING FIRST FLOOR LAYOUT
SCALE 1:50 @ A1



EXISTING SHOPFRONT
SCALE 1:50 @ A1

Scale - 1:50 @ A0

0 1 2 3 4 5

Access statement

The layouts have been drawn in accordance with the agreed accessibility statement Version 9

UNITARY LEGEND

Existing = Black

New = Blue

Amendments:

Rev	Init.	Date	Description

Project:
Specsavers Opticians
2A The Walk,
Beccles,
Suffolk,
NR34 9AJ

Title:
Ground & First Floor
Existing Layout

Specsavers Optical Superstores

Business Development,
Cirrus House,
10 Experian Way,
Nottingham
NG2 1EP

Tel: +44 (0)345 2020 241
Fax:+44 (0)845 2020 241
E: designs@specsavers.com
www.specsavers.com

Beccles
Refresh Plus

Drawn By:	Scale:	Date:
GN	1:50 @ A0	28.09.26

Drawing Number: 1177/101

Revision: -

FROZEN DESIGN

Do not scale from this drawing. Dimensions to be checked on site.

WALL LEGEND

	PARTITION OR WALL REMOVED
	EXISTING PARTITION OR WALL
	STANDARD STUD WALL NBS Spec Ref: K10/125 12.5mm plasterboard taped and filled on 12mm OSB/3 either side of a 70mm metal stud
	ACOUSTIC STUD WALL NBS Spec Ref K10/128: 2no. layers of 12.5mm soundbloc plasterboard on 12mm OSB/3 on either side of a 70mm metal stud complete with resilient bar fitted to the inside face.
	WALL LININGS NBS Spec Ref K10/155: 12.5mm Plasterboard on 12mm OSB/3 on 70mm Gypliner wall lining system
	PRODUCT WALL LINING 12.5mm Plasterboard on 18mm OSB/3 on 70mm Gypliner wall lining system
	ACOUSTIC WALL LININGS NBS Spec Ref ----- 2no. layers of 12.5mm Soundbloc Plasterboard on 12mm OSB/3 on 70mm Gypliner wall lining system complete with resilient bar to the inside face.
HALF HEIGHT WALL	**HALF HEIGHT / DWARF WALL** NBS Spec Ref K10:126 12.5mm Soundbloc Plasterboard on 12.5mm Plywood / sterling board on 70mm s/w timber stud.

Total Areas	sqm	sqft
Basement GIA		
Ground Floor GIA	200	
1st Floor GIA	161	
2nd Floor GIA		
3rd Floor GIA		

	Existing	Proposed
Frame Numbers	1080	1080
Number of Diagnostics Rooms	1	2
Number of Fields Rooms	1	1
Number of Long Form Rooms	0	0
Number of Short Form Rooms	5	7
Number of Dual Rooms	1	1
Number of dedicated Audiology Rooms	0	0
Number of Wax Rooms	0	0
Number of Wall mounted Desks (5340)	1	1
Number of Single Wall Accessory Desks (5339)	4	4
Number of Double Wall Accessory Desks (5338-1)	0	0

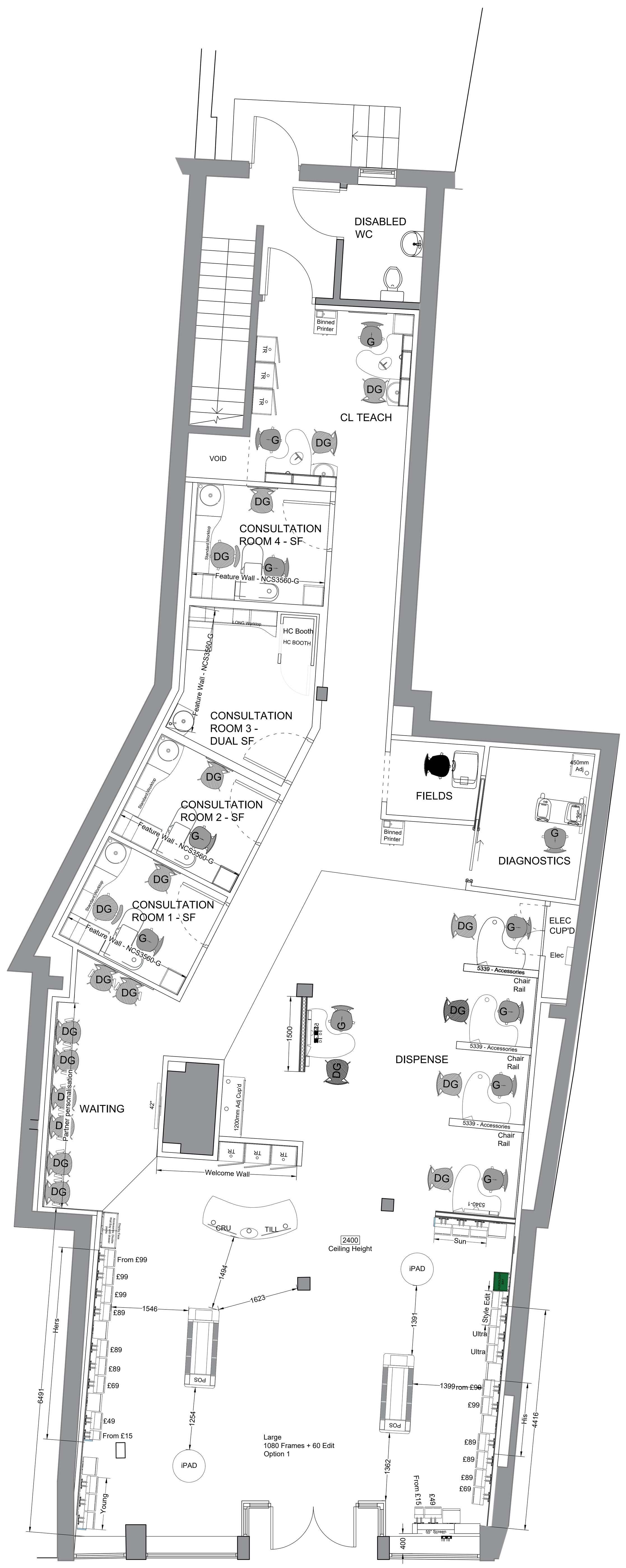
Access statement

The layouts have been drawn in accordance with the agreed accessibility statement Version 9

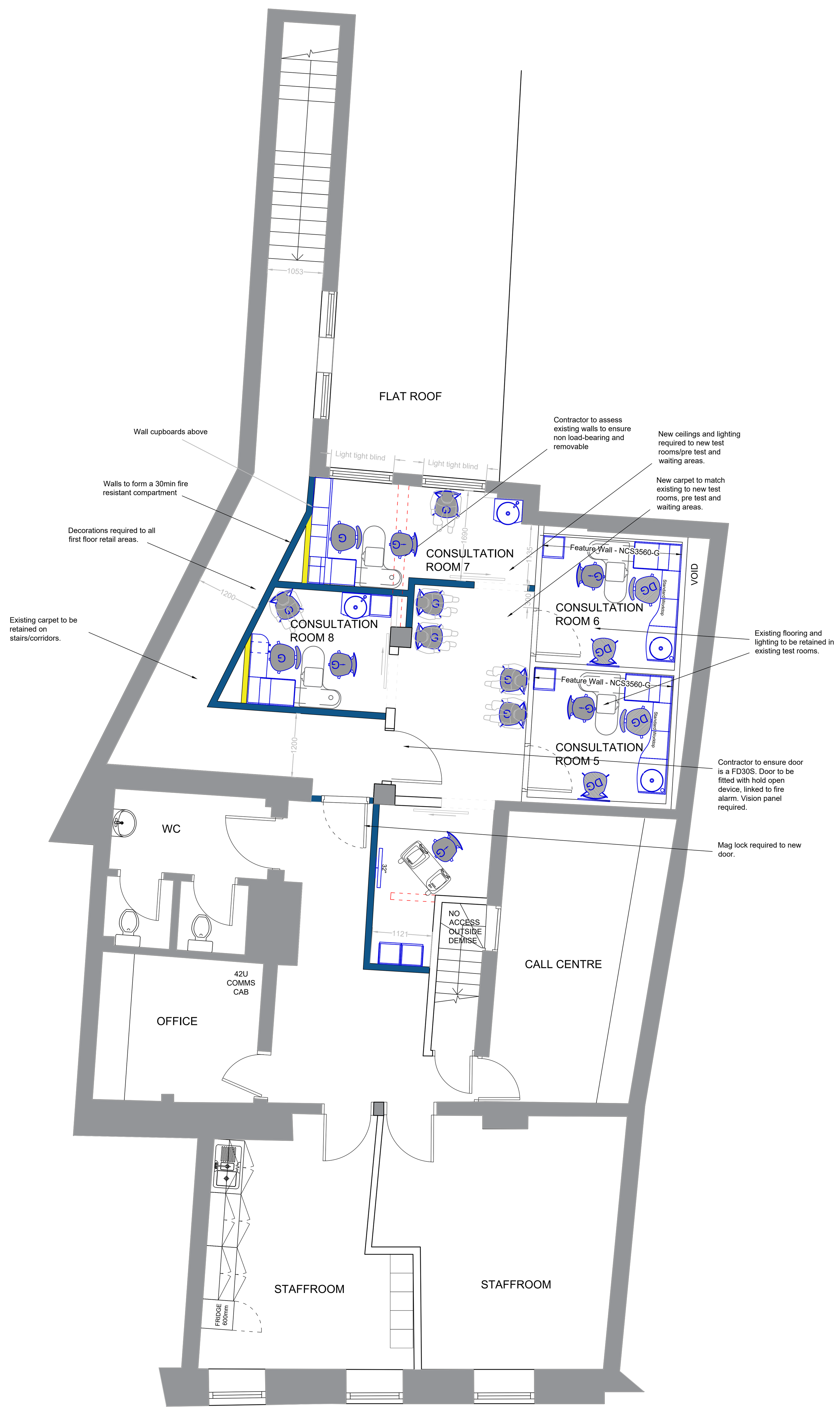
UNITARY LEGEND

Existing = Black

New = Blue



PROPOSED GROUND FLOOR LAYOUT
SCALE 1:50 @ A0



PROPOSED FIRST FLOOR LAYOUT
SCALE 1:50 @ A1



PROPOSED SHOPFRONT
SCALE 1:50 @ A1

FROZEN DESIGN

Scale - 1:50 @ A0

0 1 2 3 4 5

Amendments:

Rev	Init.	Date	Description
-	-	-	-

Project:
Specsavers Opticians
2A The Walk,
Beccles,
Suffolk,
NR34 9AJ

Title:
Ground & First Floor
Proposed Layout

Specsavers Optical Superstores

Business Development,
Cirrus House,
10 Experian Way,
Nottingham
NG2 1EP

Tel: +44 (0)345 2020 241
Fax:+44 (0)845 2020 241
E: designs@specsavers.com
www.specsavers.com

Beccles
Refresh Plus

Drawn By:	Scale:	Date:
JH	1:50 @ A0	28.09.26

Drawing Number: 1177/102

Revision: -

Do not scale from this drawing. Dimensions to be checked on site.

HERITAGE STATEMENT

Specsavers Opticians, 2a The Walk, Beccles, NR34 9AJ

1.0 INTRODUCTION

1.1 Overview

This statement is in support of the above site for:

Listed Building Consent: Proposed installation of X2 new AC condenser units to rear flat roof area. New shopfront signage. Repairs & redecoration of shopfront.

Advertisement Consent: New shopfront facia signage & hanging sign.

Use: The unit is situated within the high street neighboured by various other retailers. It is currently trading as Specsavers and will continue to do so.

1.2 Planning Statement

The proposed design and location of proposals aim to satisfy Local Planning Policy and the National Planning Policy Framework, in particular Section 16 relating to conserving historic environments

2.0 HERITAGE ASSESSMENT

2.1 Signage Works

The existing timber fascia sign will be replaced with aluminium fascia panels finished matt green.

A new hanging sign will also be installed to the shopfront. This will be mounted to the aluminium fascia panel, and be made up of a folded aluminium panel with moulded edge detail, to a steel hanging bracket to give the whole sign a heritage style and appearance. The hanging sign will be non-illuminated.

2.2 Works to Flat Roof Area

There will be an additional X2 condenser units installed to the rear flat roof area next to the existing X10 units that currently serve the retail unit. The new units will be installed to on a floor mounted unistrut steel frame which will sit on the flat roof structure to prevent any screw or bolt fixings having to be made within the buildings brickwork wall.

Typical AC condenser units, the design and position of the units have been carried out by a specialist. Our client always seeks the advice of independent Air Conditioning specialists, to provide the most efficient AC installation, aiming to use the minimum units possible to comply. The condenser unit will be positioned behind perimeter walls and will not be visible to from the street to either the front, side or rear elevations.

2.3 Shopfront Refurbishment

The existing shopfront window and door frames will also be repaired where deteriorated (timber board and moulding to match the existing design and proportions in all instances) and then redecorated to match RAL 7012 Basalt Grey (as existing.)

2.4 Internal Works

There are some internal works, mainly to the rear of the first floor area, which comprise of removing a section of modern walling and installing some new stud wall partitioning and new fixturing. There will be new floor finishes to these areas and a new suspended ceiling tile layout installed for installation of new lighting and HVAC. Please Note: These internal works are all within the modern rear extension section at the rear of the property, and will not affect the listed elements of the traditional main frontage of the building, which will all be retained as existing. The works proposed are intended to be undertaken as sympathetically as possible replacing like for like, or by enhancing the traditional aesthetic. Contractors will be made aware of the listed status of the building/main building throughout works.

2.5 Analysis of the Buildings Significance

This property carries a grade II listing.
List Entry Number: 1206163 Listed 22-Steptember-1971. Listing NGR: TM 42165 90432

The property is also within the town centre conservation area which comprises one of the main focal point in the area. This property also lies amongst numerous other listed buildings & is grouped with other listed properties (Units 1-8, The Walk) to form an important group opposite St Michael's church & tower, both of which carry a grade I listing.

The description on Historic England reads as such: Early 19th century. Two storeys and attic, one dormer. Slates. Three first floor sash windows, with exposed frames, now with centre glazing bars only, and with flat arches. Suffolk yellow brick. Modern glass bank front, ground floor. Group value.

2.6 Justification for the Proposed Works

The new shopfront signage is important to our client as it will give the new store brand continuity with the Specsavers brand and make the store recognisable to the general public within the high street location. The proposed aluminium fascia panel offers a number of practical and visual benefits over the existing timber construction.

The existing fascia panel is very exposed to the elements, and continues to deteriorate quickly, requiring regular maintenance and replacements. Aluminium provides a durable, weather-resistant and dimensionally stable substrate that is better suited to withstanding external conditions over an extended period. Unlike timber, it is not susceptible to rot, splitting or deterioration associated with moisture ingress to the same extent, thereby reducing recurring maintenance issues and premature failure.

The replacement fascia will provide a more consistent and refined finish, improving the overall presentation of the signage and ensuring that it maintains a clean, crisp and professional appearance. The use of aluminium will also help minimise warping, distortion and unevenness, allowing the fascia to retain its intended form and finish over time.
Importantly, the proposed replacement will address the shortcomings of the existing deteriorating timber panel. By introducing a more robust and reliable fascia system, the proposal will reduce the risk of materials becoming detached and falling onto the public pavement. The new panel will be securely installed using appropriate fixings and a suitable supporting arrangement, providing a safer and more dependable installation.

The aluminium fascia will also provide a more suitable and reliable substrate for the associated hanging sign. Its durable construction will allow the hanging sign to be securely mounted using fixings appropriate to the design and loading requirements of the installation. This will help ensure that the sign remains stable and safely supported throughout its service life, subject to suitable installation and maintenance.

Whilst aluminium offers clear advantages in terms of durability and performance, careful consideration has been given to ensuring that the replacement fascia retains a traditional and sympathetic appearance.

The proposed aluminium panel will have a matt painted finish, avoiding the reflective or overly contemporary appearance that can sometimes be associated with metal signage. The matt finish will provide a subdued, understated appearance, helping the fascia sit comfortably within its surroundings whilst maintaining the crisp lines and quality of finish expected of a well-maintained commercial frontage. The existing perimeter timber mouldings around the fascia panel will also be retained, and the new sign installed within their demise. This will retain the traditional moulded appearance and hide the aluminium edges of the fascia panel.

The proposal is therefore not intended to introduce an unduly prominent or visually intrusive feature. Rather, it represents a considered improvement to the existing signage, replacing a deteriorating material with a more durable alternative whilst retaining an appropriate visual character. The improved finish will also contribute positively to the appearance of the building frontage and the wider street scene by removing the tired and weathered appearance associated with the existing timber panel.

The replacement of the existing timber fascia is justified not only on visual and maintenance grounds, but also by the need to address an identified safety concern. The deterioration of the existing panel and the detachment of sections onto the pavement below create a potential risk to passing pedestrians. The proposed aluminium fascia, installed using an appropriate fixing system, will provide a more robust and reliable alternative, helping to minimise the risk of material failure and falling components. The secure installation of the associated hanging sign will further support the safe operation of the signage.

The proposed AC units are essential to ensure temperature and fresh air flow is maintained within the medical test rooms. Individual units are required for each test room and the customer circulation spaces to ensure the interior temperature is kept constant for the delicate equipment used throughout. This requirement is part of the NHS contract agreement for keeping their store up to the correct standards. The new units are required for some additional units that are required internally.

Our client always seeks the advice of independent Air Conditioning specialists, to provide the most efficient AC installation, aiming to use the minimum units possible to comply. Without the proposed AC and condenser units, Specsavers could not operate from the property and could not provide their eye care and hear care services to the community.

3.0 ASSESSMENT OF IMPACT ON ASSETS

The works to be undertaken will not have a detrimental effect on the character or appearance of the building and surrounding conservation area, due to the works being only minor refurbishment and branding works with no major alterations. The proposed signage is non illuminated heritage style signage, with a matt finish, that is sympathetic to the building's traditional aesthetic, and replicates the existing approved signage scheme and retains its timber detailing to the perimeter.

The proposed condenser units have been carefully positioned to the rear of the property to an existing flat roof area which currently already contains existing condenser units. The condenser units will therefore not be visible from any of the street elevations, and will not be visible when viewing any of the identified listed assets from the front, side and rear elevations.

The proposed works will not harm or damage the listed fabric of the building, and every effort will be made to retain the historic character and appearance of the building. Contractors will be made aware of the listing and the importance of protecting original features and constructions, and will refer to project managers for guidance during their time on site.

The proposals do provide an opportunity to ensure this building does not fall into further risk of neglect, decay or other threats. We believe the proposals will safeguard the future of the buildings by making them a commercially viable retail property within the high street location of Beccles providing much needed medical appointments to the community and generating employment opportunities for the foreseeable future within the area.

4.0 PHOTOS



Photos show the positioning of existing AC condenser units on the flat roof to the rear.



Photo shows the front elevation of the property.

Specsavers Beccles

First Floor Fresh Air & Extract Design

LOCATION	LENGTH m	WIDTH m	AREA m2	HEIGHT m	VOLUME m3	DESIGN OCCUPANCY LEVEL asummes 1 person for every square metre below	ESTIMATED TOTAL OCCUPANCY	DESIGN FRESH AIR RATES litres / sec / person	DESIGN FRESH AIR / EXTRACT REQUIRED litres per sec	DESIGN FRESH AIR / EXTRACT REQUIRED m3/sec	DESIGN FRESH AIR / EXTRACT REQUIRED m3/hr
CR7			0		0		2	10	20	0.02	72
CR8			0		0		2	10	20	0.02	72
FIELDS			0		0		2	10	20	0.02	72
			0		0						
							TOTAL DESIGN AIR FLOW RATES REQUIRED			0.06	216
										m3/sec	m3/hr

AIR CONDITIONING EQUIPMENT SCHEDULE

INDOOR UNIT REFERENCE	MODEL REFERENCE	INDOOR UNIT LOCATION	CONDENSATE DRAIN	REMOTE CONTROLLER TYPE	NOMINAL COOLING CAPACITY	NOMINAL HEATING CAPACITY	OUTDOOR UNIT REFERENCE	MODEL REFERENCE	OUTDOOR UNIT DIMS & WEIGHT
AC 1/A	DAIKIN FTXA20EW	CONSULTATION ROOM 5	GRAVITY	WIRELESS	2.0Kw	2.5Kw			
AC 1/B	DAIKIN FTXA20EW	CONSULTATION ROOM 6	GRAVITY	WIRELESS	2.0Kw	2.5Kw	CU 1	DAIKIN 5MXM90A9	734mm (h) x 974mm(w) x 408mm(d) 68kG
AC 1/C	DAIKIN FTXA20EW	CONSULTATION ROOM 7	PUMP	WIRELESS	2.0Kw	2.5Kw			
AC 1/D	DAIKIN FTXA20EW	CONSULTATION ROOM 8	GRAVITY	WIRELESS	2.0Kw	2.5Kw			
AC 2	DAIKIN FTXM 35 B	WAITING	PUMP	WIRELESS	3.4Kw	4.0Kw	CU 2	DAIKIN RXM 35 A	610mm (h) x 932mm(w) x 367mm(d) 32kG

AIR CONDITIONING EQUIPMENT ELECTRICAL REQUIREMENTS

UNIT REFERENCE	SUPPLY CHARACTERISTICS	MANUFACTURERS RECOMMENDED PROTECTIVE DEVICE	ISOLATOR TYPE	LOCATION OF POWER	MAX START CURRENT	MAX RUN CURRENT
CU 1	230v Single Phase & Neutral	32amp Type "C" Circuit Breaker	OUTDOOR ROTARY ISOLATOR	ADJACENT OUTDOOR UNIT	N/A	25.8amp
CU 2	230v Single Phase & Neutral	16amp Type "C" Circuit Breaker	OUTDOOR ROTARY ISOLATOR	ADJACENT OUTDOOR UNIT	4.4amp	8.8amp

VENTILATION/EXTRACT/SUPPLY FAN/GRILLE SCHEDULE

REFERENCE	DESCRIPTION	AREA SERVING	CONTROL
FA 1	ELTA JETFLOW SILENT 150 IN-LINE FAN	CONSULTATION ROOMS	VIA LOCAL LIGHTING CIRCUIT
EF 1	ELTA JETFLOW SILENT 150 IN-LINE FAN	CONSULTATION ROOMS	VIA LOCAL LIGHTING CIRCUIT
AV	100mm Dia PLASTIC AIR VALVE	CONSULTATION ROOMS	N/A
FILTER	150mm IN-LINE FILTER	CONSULTATION ROOMS	N/A
HEATER BATTERY	150mm IN-LINE HEATER BATTERY	CONSULTATION ROOMS	AUTOMATIC INTEGRAL CONTROLS

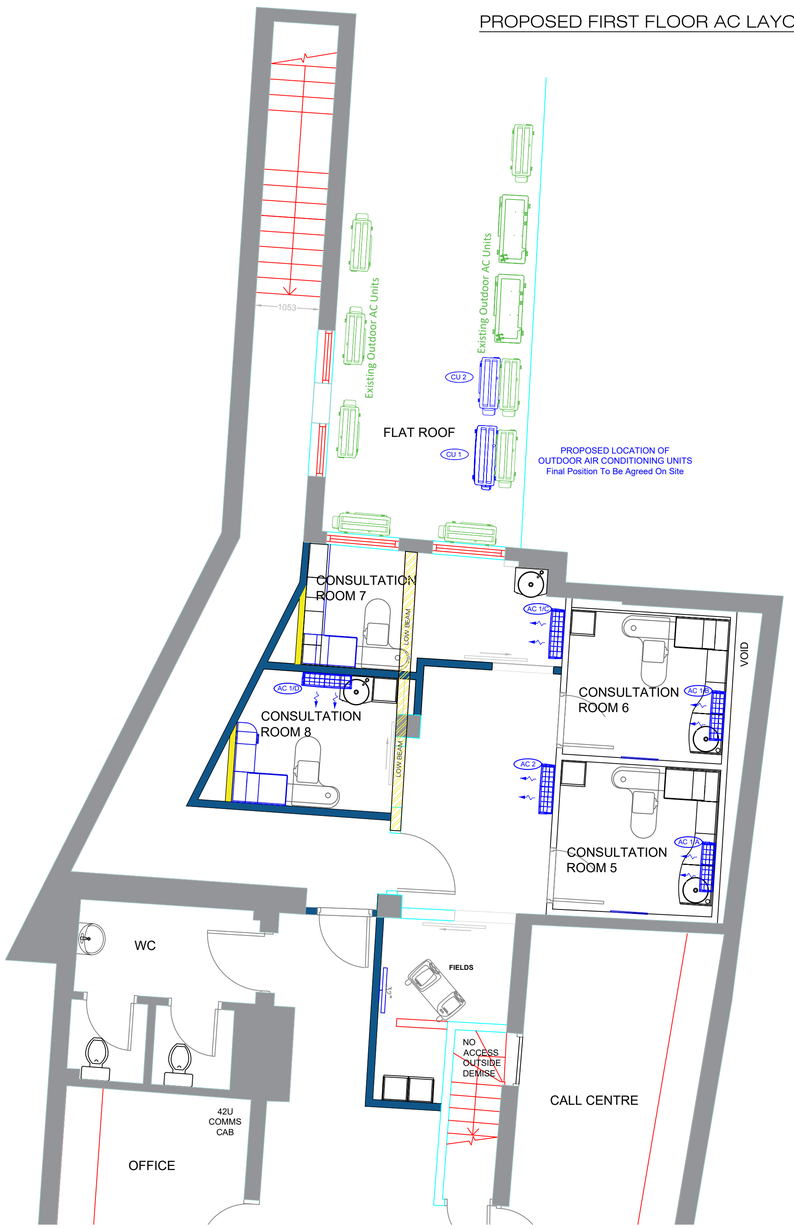
VENTILATION EQUIPMENT ELECTRICAL REQUIREMENTS

REFERENCE	SUPPLY CHARACTERISTICS	MANUFACTURERS RECOMMENDED PROTECTIVE DEVICE	ISOLATOR TYPE	LOCATION OF POWER
FA 1	230v Single Phase & Neutral	10amp Type "B" Circuit Breaker	SWITCHED FUSED SPUR ISOLATOR	ADJACENT TO FAN
EF 1	230v Single Phase & Neutral	10amp Type "B" Circuit Breaker	SWITCHED FUSED SPUR ISOLATOR	ADJACENT TO FAN
HEATER BATTERY (2.0Kw)	230v Single Phase & Neutral	13amp Type "B" Circuit Breaker	SWITCHED FUSED SPUR ISOLATOR	ADJACENT TO UNIT

scale in metres (for floor plans, sections and elevations)

0 1 2 3 4 5

PROPOSED FIRST FLOOR AC LAYOUT



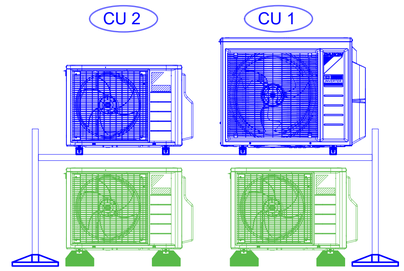
EXISTING OUTDOOR AC UNITS ON FLAT ROOF



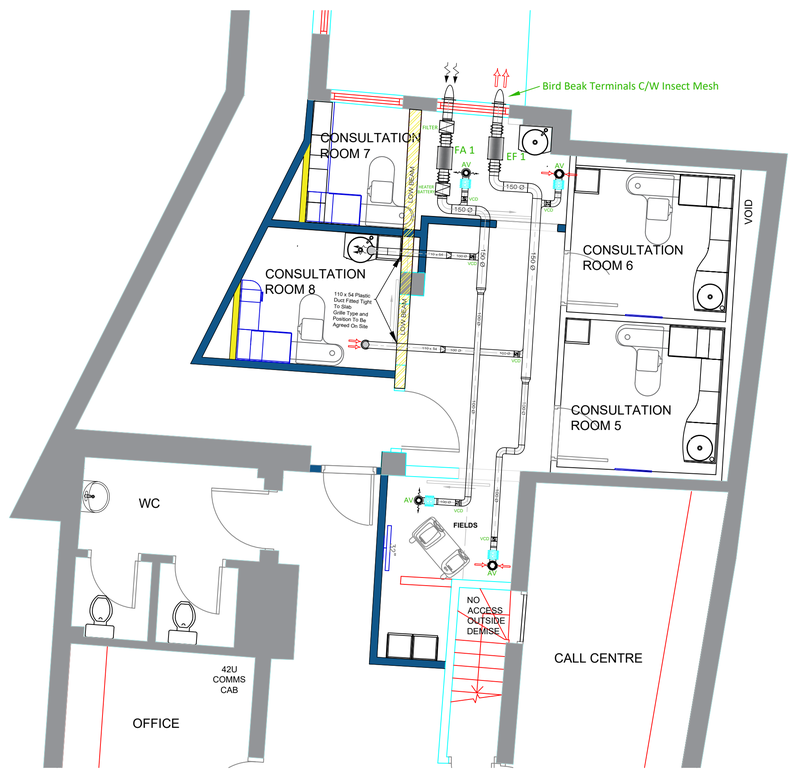
DETAIL OF OUTDOOR AC UNITS ON FLAT ROOF

(not to scale)

NEW OUTDOOR AC UNITS TO BE MOUNTED ABOVE EXISTING AC UNITS ON "UNISTRUT" TYPE GALVANISED STEEL FRAME



PROPOSED FIRST FLOOR VENTILATION LAYOUT



Rev	Revision Details	Date	By	App
1	Additional Information For Outdoor AC units Added	08.10.26	GW	DM

CALBY AIR LIMITED

Unit 18
Ripponden Business Park
Ripponden
Halifax
HX6 4FF

Tel.: 01422 315 999
e-mail: enquiries@calbyair.co.uk

The drawing and design shown herein are the exclusive property of Calby Air. The drawing shall not be copied nor it's contents communicated or reproduced in any form or for any purpose without the prior written permission of Calby Air.

status: PROPOSED

client: SPECSAVERS

project: BECCLES

title: HVAC LAYOUT

drawing No: E/10609/01

scale: 1/50@A1

date: 07.10.26

drawn by: GW

app by: DM

Rev: 1

Specsavers Opticians
2A The Walk
Beccles
Suffolk
NR34 9AJ

Date printed: 15 October 2026

Neighbour consultations

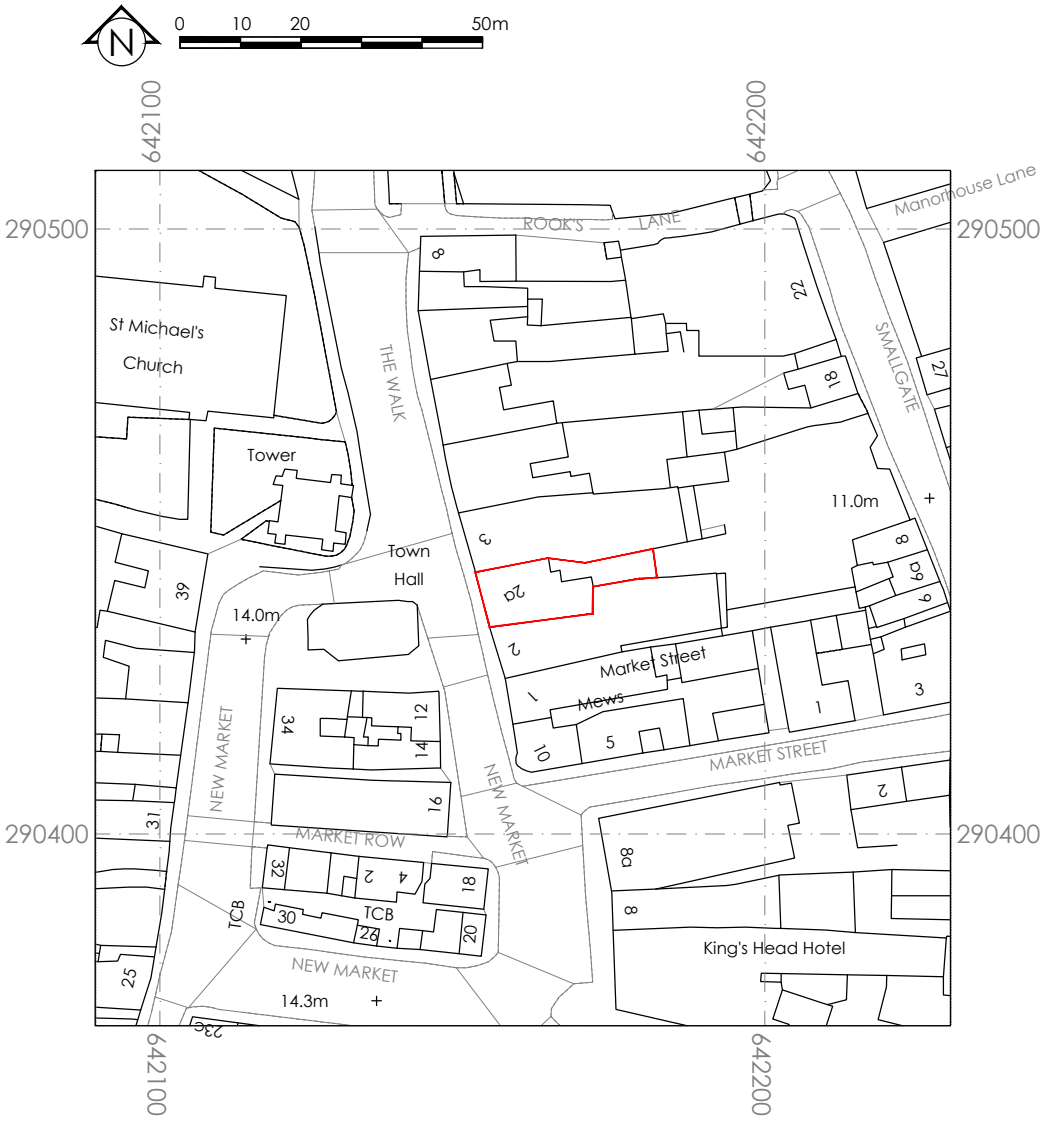
Address	Date consulted
3 The Walk, Beccles, Suffolk	15 October 2026
2 The Walk, Beccles, Suffolk	15 October 2026
8 Smallgate, Beccles, Suffolk	15 October 2026

Further addresses may be added during the planning application process.

Consultees

Consultee	Date consulted
Beccles Town Council	15 October 2026
East Suffolk Environmental Protection	15 October 2026
East Suffolk Design And Heritage	15 October 2026

Further consultees may be added during the planning application process.



LOCATION PLAN 1:1250 @ A4

© Crown Copyright and database rights 2026 OS 100047474.

DWG NO: **2689-LP** REVISION: **-**	TITLE: **Location Plan**	fisch STRUCTURED CREATIVITY	**FISCH DESIGN LTD** 3 HERITAGE BUSINESS CENTRE DERBY ROAD, BELPER DERBYSHIRE, DE56 1SW
CLIENT: **Specsavers**			
PROJECT: **2a The Walk, Beccles, NR34 9AJ**	ORIGIN: **TG** CHECKED:		+44 (0)1773 828222 / WWW.FISCHDESIGN.CO.UK / MAIL@FISCHDESIGN.CO.UK
	SCALE: **1:1250@A4** DATE: **05.10.26**		

Beccles Town Council
Clerk To Beccles Town Council
Town Hall
The Walk
Beccles
Suffolk
NR34 9AJ

Your ref:
Our ref: DC/26/3572/LBC
Date: 15 October 2026
Please ask for: Mr Timothy Warnes
Direct dial: 01502 523020
Email: planning@eastsuffolk.gov.uk

Dear Sir/Madam,

Planning consultation

Application no.:	DC/26/3572/LBC
Proposal:	Listed Building Consent - Installation of X2 new AC condenser units to rear flat roof area. New shopfront signage. Repairs & redecoration of shopfront.
Site address:	2A The Walk, Beccles, Suffolk, NR34 9AJ,
Consultation letter expiry date:	5 November 2026
Link:	Public Access

A new consultation for application DC/26/3572/LBC has been received in your Public Access Consultee In-tray.

Please submit comments via Public Access **only**.

Note that all comments submitted, and any plans/drawings, photographs, visualisations, assessments or other materials submitted must comply with the East Suffolk Council Artificial Intelligence Policy. Particular regard must be given to paragraph 6.9 of that policy, including declaring where AI has been used in the creation or alteration of comments and items that are submitted, and how it has been used.

If an application is to be considered and determined via Planning Committee, in addition to the established Public Access and CMIS notifications, an email notification will be sent to all relevant ESC Ward Members, and the relevant Town and Parish Council(s). Third Parties and other

consultees will not be notified via email, and they will need to continue to check Public Access and CMIS to see if/when an application is scheduled for Planning Committee. The date of that meeting will be displayed on the 'Important Dates' Tab of the application on Public Access and a report with recommendation will be published at least five working days prior to the meeting at https://eastsuffolk.cmis.uk.com/eastsuffolk/Committees.aspx.

Further information on registering to speak at Planning Committee meetings and how to attend in person or watch via YouTube is published on the webpage for each meeting.

Yours faithfully,



Ben Woolnough MRTPI | Head of Planning and Building Control
East Suffolk Council

Properties which the Local Planning Authority has written to:

3 The Walk, Beccles, Suffolk
2 The Walk, Beccles, Suffolk
8 Smallgate, Beccles, Suffolk
No neighbour letters sent.

Further addresses may be added during the course of the planning application process.

EASTSUFFOLK COUNCIL

Application for Planning Permission; Listed Building Consent for alterations, extension or demolition of a listed building

Town and Country Planning Act 1990 (as amended); Planning (Listed Buildings and Conservation Areas Act) 1990 (as amended)

Publication of applications on planning authority websites

Please note that the information provided on this application form and in supporting documents may be published on the Authority's website. If you require any further clarification, please contact the Authority's planning department.

Site Location

Disclaimer: We can only make recommendations based on the answers given in the questions.

If you cannot provide a postcode, the description of site location must be completed. Please provide the most accurate site description you can, to help locate the site - for example "field to the North of the Post Office".

Number: 2

Suffix: A

Property Name:

Address Line 1: The Walk

Address Line 2:

Address Line 3: Suffolk

Town/city: Beccles

Postcode: NR34 9AJ

Description of site location must be completed if postcode is not known:

Easting (x): 642160

Northing (y): 290439

Description

Applicant Details

Name/Company

Title

First name

Surname

Specsavers

Company Name

Specsavers Optical Stores UK

Address

Address line 1

Cirrus House

Address line 2

10 Experian Way

Address line 3

Town/City

Nottingham

County

Country

United Kingdom

Postcode

NG2 1EP

Are you an agent acting on behalf of the applicant?

- [x] Yes
- [ ] No

Applicant Contact Details

Primary number

***** REDACTED ******

Secondary number

Fax number

Email address

***** REDACTED ******

Agent Details

Name/Company

Title

First name

-

Surname

Fisch Planning

Company Name

Fisch Design

Address

Address line 1

Fisch Design Ltd

Address line 2

Unit 1 Heritage Business Centre

Address line 3

Derby Road

Town/City

Belper

County

Country

GB

Postcode

DE56 1SW

Contact Details

Primary number

***** REDACTED ******

Secondary number

Fax number

Email address

***** REDACTED ******

Description of the Proposal

Please note in regard to:

- **Fire Statements** - From 1 August 2021, planning applications for buildings of over 18 metres (or 7 stories) tall containing more than one dwelling will require a 'Fire Statement' for the application to be considered valid. There are some exemptions. View government planning guidance on fire statements or access the fire statement template and guidance.
- **Permission In Principle** - If you are applying for Technical Details Consent on a site that has been granted Permission In Principle, please include the relevant details in the description below.
- **Public Service Infrastructure** - From 1 August 2021, applications for certain public service infrastructure developments will be eligible for faster determination timeframes. See help for further details or view government planning guidance on determination periods.

Description

Please describe details of the proposed development or works including details of proposals to alter, extend or demolish the listed building(s)

Proposed installation of X2 new AC condenser units to rear flat roof area. New shopfront signage. Repairs & redecoration of shopfront.

Has the development or work already been started without consent?

◯ Yes
⊘ No

Listed Building Grading

What is the grading of the listed building (as stated in the list of Buildings of Special Architectural or Historical Interest)?

◯ Don't know
◯ Grade I
◯ Grade II*
⊘ Grade II

Is it an ecclesiastical building?

◯ Don't know
◯ Yes
⊘ No

Demolition of Listed Building

Does the proposal include the partial or total demolition of a listed building?

◯ Yes
⊘ No

Immunity from Listing

Has a Certificate of Immunity from Listing been sought in respect of this building?

◯ Yes
⊘ No

Listed Building Alterations

Do the proposed works include alterations to a listed building?

◯ Yes
⊘ No

Materials

Does the proposed development require any materials to be used?

◯ Yes
⊘ No

Site Area

What is the measurement of the site area? (numeric characters only).

220.00

Unit

Sq. metres

Existing Use

Please describe the current use of the site

Retail, to remain as such.

Is the site currently vacant?

◯ Yes
⊘ No

Does the proposal involve any of the following? If Yes, you will need to submit an appropriate contamination assessment with your application.

Land which is known to be contaminated

◯ Yes
⊘ No

Land where contamination is suspected for all or part of the site

◯ Yes
⊘ No

A proposed use that would be particularly vulnerable to the presence of contamination

◯ Yes
⊘ No

Pedestrian and Vehicle Access, Roads and Rights of Way

Is a new or altered vehicular access proposed to or from the public highway?

◯ Yes
⊘ No

Is a new or altered pedestrian access proposed to or from the public highway?

◯ Yes
⊘ No

Are there any new public roads to be provided within the site?

◯ Yes
⊘ No

Are there any new public rights of way to be provided within or adjacent to the site?

◯ Yes
⊘ No

Do the proposals require any diversions/extinguishments and/or creation of rights of way?

◯ Yes
⊘ No

Vehicle Parking

Does the site have any existing vehicle/cycle parking spaces or will the proposed development add/remove any parking spaces?

◯ Yes
⊘ No

Foul Sewage

Please state how foul sewage is to be disposed of:

☐ Mains sewer
☐ Septic tank
☐ Package treatment plant
☐ Cess pit
☐ Other
☑ Unknown

Are you proposing to connect to the existing drainage system?

◯ Yes
◯ No
⊘ Unknown

Assessment of Flood Risk

Is the site within an area at risk of flooding? (Check the location on the Government's Flood map for planning. You should also refer to national standing advice and your local planning authority requirements for information as necessary.)

◯ Yes
⊘ No

Is your proposal within 20 metres of a watercourse (e.g. river, stream or beck)?

◯ Yes
⊘ No

Will the proposal increase the flood risk elsewhere?

◯ Yes
⊘ No

How will surface water be disposed of?

☐ Sustainable drainage system

☐ Existing water course

☐ Soakaway

☑ Main sewer

☐ Pond/lake

Trees and Hedges

Are there trees or hedges on the proposed development site?

◯ Yes
⊘ No

And/or: Are there trees or hedges on land adjacent to the proposed development site that could influence the development or might be important as part of the local landscape character?

◯ Yes
⊘ No

Biodiversity and Geological Conservation

Is there a reasonable likelihood of the following being affected adversely or conserved and enhanced within the application site, or on land adjacent to or near the application site?

To assist in answering this question correctly, please refer to the help text which provides guidance on determining if any important biodiversity or geological conservation features may be present or nearby; and whether they are likely to be affected by the proposals.

a) Protected and priority species

◯ Yes, on the development site
◯ Yes, on land adjacent to or near the proposed development
⊘ No

b) Designated sites, important habitats or other biodiversity features

◯ Yes, on the development site
◯ Yes, on land adjacent to or near the proposed development
⊘ No

c) Features of geological conservation importance

◯ Yes, on the development site
◯ Yes, on land adjacent to or near the proposed development
⊘ No

Supporting information requirements

Where a development proposal is likely to affect features of biodiversity or geological conservation interest, you will need to submit, with the application, sufficient information and assessments to allow the local planning authority to determine the proposal.

Failure to submit all information required will result in your application being deemed invalid. It will not be considered valid until all information required by the local planning authority has been submitted.

Your local planning authority will be able to advise on the content of any assessments that may be required.

Biodiversity net gain

Biodiversity net gain is a legal requirement for planning permission introduced on 12 February 2024. All applications are required to either provide detailed information proving there will be a biodiversity increase; or explain why the requirement does not apply to the development.

Do you believe that, if the development is granted permission, the general Biodiversity Gain Condition (as set out in Paragraph 13 of Schedule 7A of the Town and Country Planning Act 1990 (as amended)) would apply?

◯ Yes
⊘ No

Biodiversity net gain has been introduced as a general condition for planning permission. As set out in The Environment Act 2021: "grants of planning permission in England [are] to be subject to a condition to secure that the biodiversity gain objective is met". Therefore, in England, all planning permissions are generally subject to biodiversity gain rules, unless they are specifically exempt or out of scope.

If you have stated that the biodiversity net gain requirement does not apply to your application you must provide the reason(s) why, and may also need to supply evidence (especially where you believe the application is eligible for the 'de minimis' exemption).

Please add all the reasons why biodiversity net gain does not apply and enter a justification for each one

Reason biodiversity net gain does not apply:
Development site area of 0.2 hectares or below

Are there any priority habitats on or within 500m of your site?:
No

Can you evidence that you carried out a site assessment if the local authority disputes the presence of priority habitats?:
Yes

Please justify the reason why biodiversity net gain does not apply:
Site is well under 0.2h and there is no habitat within the red line boundary or in close proximity when checking available sources.

Please read the help text for further information why developments may be exempt or not in scope.

Waste Storage and Collection

Do the plans incorporate areas to store and aid the collection of waste?

◯ Yes
⊘ No

Have arrangements been made for the separate storage and collection of recyclable waste?

◯ Yes
⊘ No

Residential/Dwelling Units

Does your proposal include the gain, loss or change of use of residential units?

◯ Yes
⊘ No

All Types of Development: Non-Residential Floorspace

Does your proposal involve the loss, gain or change of use of non-residential floorspace?
Note that 'non-residential' in this context covers all uses except Use Class C3 Dwellinghouses.

◯ Yes
⊘ No

Employment

Are there any existing employees on the site or will the proposed development increase or decrease the number of employees?

◯ Yes
⊘ No

Hours of Opening

Are Hours of Opening relevant to this proposal?

⊘ Yes
◯ No

Please add details of the of the Use Classes and hours of opening for each non-residential use proposed.

If you do not know the hours of opening, select the Use Class and tick 'Unknown'

Use Class:
E(a) - Display/Sale of goods other than hot food

Unknown:
No

Monday to Friday:

Start Time:
08:00

End Time:
18:00

Saturday:

Start Time:
08:00

End Time:
18:00

Sunday / Bank Holiday:

Start Time:
08:00

End Time:
18:00

Industrial or Commercial Processes and Machinery

Does this proposal involve the carrying out of industrial or commercial activities and processes?

◯ Yes
⊘ No

Is the proposal for a waste management development?

◯ Yes
⊘ No

Hazardous Substances

Does the proposal involve the use or storage of Hazardous Substances?

◯ Yes
⊘ No

Trade Effluent

Does the proposal involve the need to dispose of trade effluents or trade waste?

◯ Yes
⊘ No

Site Visit

Can the site be seen from a public road, public footpath, bridleway or other public land?

- [x] Yes
- [ ] No

If the planning authority needs to make an appointment to carry out a site visit, whom should they contact?

- [x] The agent
- [ ] The applicant
- [ ] Other person

Pre-application Advice

Has assistance or prior advice been sought from the local authority about this application?

- [ ] Yes
- [x] No

Authority Employee/Member

With respect to the Authority, is the applicant and/or agent one of the following:
(a) a member of staff
(b) an elected member
(c) related to a member of staff
(d) related to an elected member

It is an important principle of decision-making that the process is open and transparent.

For the purposes of this question, "related to" means related, by birth or otherwise, closely enough that a fair-minded and informed observer, having considered the facts, would conclude that there was bias on the part of the decision-maker in the Local Planning Authority.

Do any of the above statements apply?

- [ ] Yes
- [x] No

Ownership Certificates and Agricultural Land Declaration

Certificates under Article 14 - Town and Country Planning (Development Management Procedure) (England) Order 2015 & Regulation 6 - Planning (Listed Buildings and Conservation Areas) Regulations 1990

Please answer the following questions to determine which Certificate of Ownership you need to complete: A, B, C or D.

Is the applicant the sole owner of **all** the land to which this application relates; **and** has the applicant been the sole owner for more than 21 days?
E.g. All the land is owned by a single individual

- [ ] Yes
- [x] No

Is the land owned by multiple individuals, or has agricultural tenants where the details of all individuals are known by the Applicant?
E.g. The land is owned by 2 people and the applicant can provide details of those owners.

- [x] Yes
- [ ] No

Certificate Of Ownership - Certificate B

I certify/ The applicant certifies that:

- ☑ **I have/The applicant has given the requisite notice to everyone else (as listed below) who, on the day 21 days before the date of this application, was the owner* and/or agricultural tenant** of any part of the land or building to which this application relates; or**
- ○ **The applicant is the sole owner of all the land or buildings to which this application relates and there are no other owners* and/or agricultural tenants**.**

*** 'owner' is a person with a freehold interest or leasehold interest with at least 7 years to run.**
**** 'agricultural tenant' has the meaning given in section 65(8) of the Town and Country Planning Act 1990.**

Owner/Agricultural Tenant

Name of Owner/Agricultural Tenant:
***** REDACTED ******

House name:

Number:

Suffix:

Address line 1:
1 Quay Point

Address Line 2:
Station Road

Town/City:
Woodbridge

Postcode:
IP12 4AL

Date notice served (DD/MM/YYYY):
05/10/2026

Person Role

- ○ The Applicant
- ☑ The Agent

Title

First Name

-

Surname

Fisch Planning

Declaration Date

12/10/2026

☑ Declaration made

Declaration

I/We hereby apply for Full planning & listed building consent as described in the questions answered, details provided, and the accompanying plans/drawings and additional information.
I/We confirm that, to the best of my/our knowledge, any facts stated are true and accurate and any opinions given are the genuine opinions of the person(s) giving them.
I/We also accept that, in accordance with the Planning Portal's terms and conditions:
- Once submitted, this information will be made available to the Local Planning Authority and, once validated by them, be published as part of a public register and on the authority's website;
- Our system will automatically generate and send you emails in regard to the submission of this application.

☑ I / We agree to the outlined declaration

Signed

- Fisch Planning

Date

13/10/2026

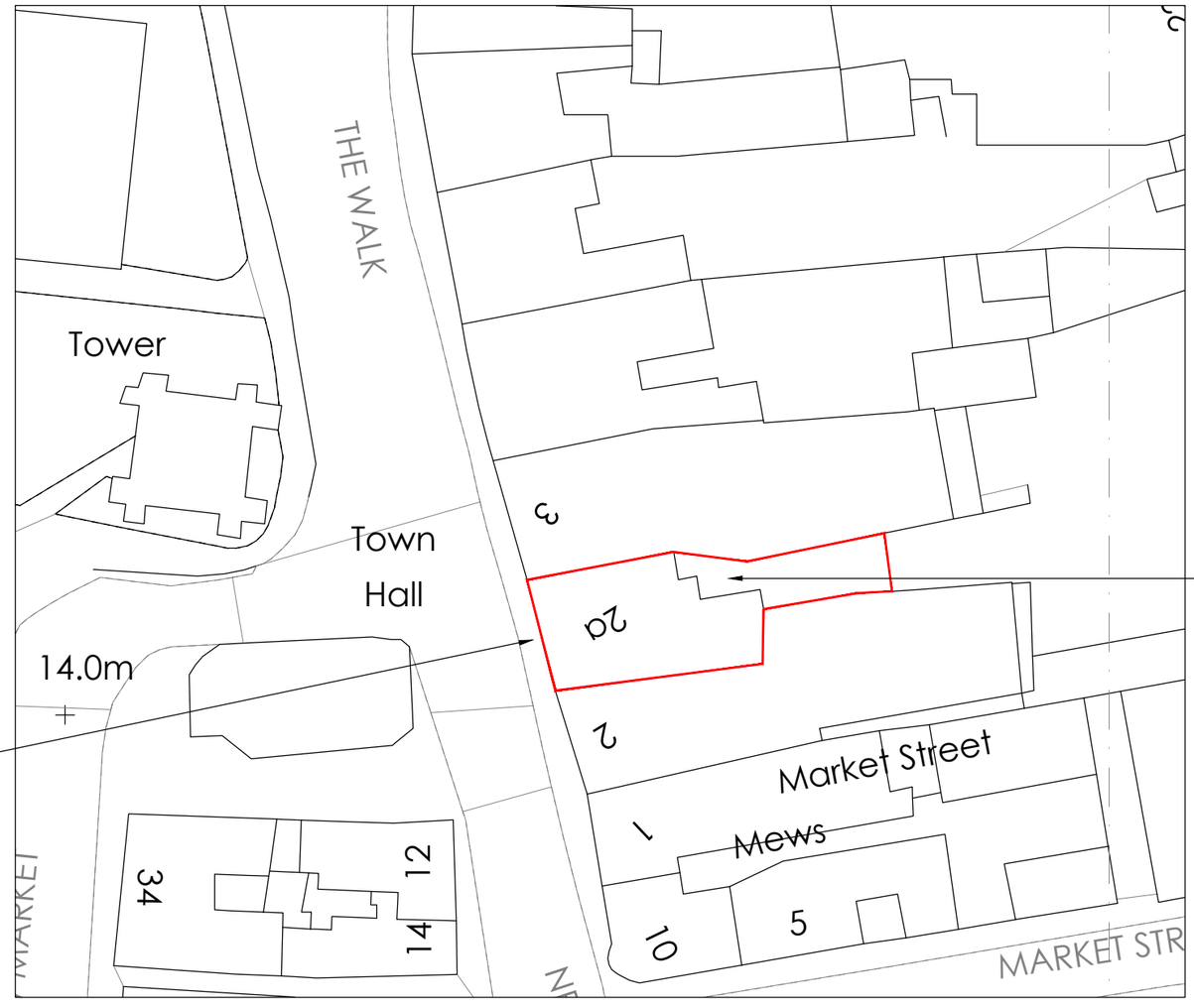
Amendments Summary

Only changes were to the landlords details (name & address) in the certificates/ownership section of the forms.

this drawing remains the property of fisch design limited and duplication of this drawing in whole or any part is strictly forbidden without prior written permission from fisch design ltd

all structural alterations are to be approved by a structural engineer

0 10 20 30m



Proposed AC units to rear elevation flat roof area.

Proposed replacement signage to the shopfront.

BLOCK PLAN 1:500 @ A3

DWG NO:	**2689-BP**	REVISION:	**-**
CLIENT:	**Specsavers**		
PROJECT:	**2a The Walk, Beccles, NR34 9AJ**		
TITLE:	**Block Plan**		
ORIGIN:	**TG**	CHECKED:	**-**
SCALE:	**1:500@A3**	DATE:	**05.10.26**

fisch STRUCTURED CREATIVITY

FISCH DESIGN LTD
3 HERITAGE BUSINESS CENTRE
DERBY ROAD, BELPER
DERBYSHIRE, DE56 1SW

+44 (0)1773 828222 / WWW.FISCHDESIGN.CO.UK / MAIL@FISCHDESIGN.CO.UK

Split

Air Conditioning Technical Data

5MXM-M



TABLE OF CONTENTS

5MXM-M

1 Features 2

2 Specifications 3
Technical Specifications 3
Electrical Specifications 4

3 Electrical data 5

4 Combination table 6

5 Capacity tables 28
Cooling Capacity Tables 28
Heating Capacity Tables 68

6 Dimensional drawings 108

7 Centre of gravity 109

8 Piping diagrams 110

9 Wiring diagrams 111
Wiring Diagrams - Single Phase 111

10 Sound data 112
Sound Pressure Spectrum 112

11 Operation range 113

1 Features

- Seasonal efficiency values up to A+++
- Seasonal efficiency values up to A+++ in cooling and A++ in heating thanks to its up-to-date technology and built-in intelligence
- Up to 5 indoor units can be connected to 1 multi outdoor unit; all indoor units are individually controllable and do not need to be installed in the same room or at the same time. They operate simultaneously within the same heating or cooling mode.
- Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- Different types of indoor units can be connected: e.g. wall mounted, ceiling mounted cassette corner, concealed ceiling unit
- Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency





Inverter

2 Specifications

2-1 Technical Specifications					5MXM90M
Casing	Colour				Ivory white
Dimensions	Unit	Height		mm	734
		Width		mm	320
		Depth		mm	868
	Packed unit	Height		mm	820
		Width		mm	1,050
		Depth		mm	840
Weight	Unit			kg	68
	Packed unit			kg	72
Packing	Weight			kg	4
Heat exchanger	Length			mm	920 / 650
	Rows	Quantity			2 / 1
	Fin pitch			mm	1.4 / 1.8
	Passes	Quantity			32 / 12
	Tube type				ø8 Hi-XA
	Fin	Type			WHS8 FIN-HYDROPHILIC
		Treatment			Anti-corrosion treatment
Compressor	Model				2YC71DXD#C
	Type				Hermetically sealed swing compressor
	Output			W	2,400
Fan	Type				Propeller
	Air flow rate	Cooling	High	m^3/min	49.1
				cfm	1,734
			Nom.	m^3/min	49.1
				cfm	1,734
			Super low	m^3/min	24.1
				cfm	851
		Heating	High	m^3/min	50.4
				cfm	1,780
			Nom.	m^3/min	50.4
				cfm	1,780
			Super low	m^3/min	24.1
				cfm	851
Fan motor	Model				DB90B-37
	Output			W	128
	Speed	Cooling	High	rpm	800
			Nom.	rpm	800
			Low	rpm	420
			Super low	rpm	-
		Heating	High	rpm	820
			Nom.	rpm	820
			Low	rpm	420
			Super low	rpm	-
Sound power level	Cooling			dBA	64
	Heating			dBA	64
Sound pressure level	Cooling	Nom.		dBA	52
	Heating	Nom.		dBA	52
Operation range	Cooling	Ambient	Min.	°CDB	-10
			Max.	°CDB	46
	Heating	Ambient	Min.	°CWB	-15
			Max.	°CWB	18
Refrigerant	Type				R-32
	Charge			kg	2.4
				TCO_2eq	1.6
	GWP				675

2 Specifications

2-1 Technical Specifications					5MXM90M
Piping connections	Liquid	Quantity			5
		OD		mm	6.35
	Gas	Quantity			2
		OD		mm	9.5
	Drain	ID		mm	15.9
	Gas 2	Quantity			1
		OD		mm	12.70
	Gas 3	Quantity			2
		OD		mm	15.90
	Piping length	OU - IU	Max.	m	25
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 30m)
	Level difference	IU - OU	Max.	m	15
		IU - IU	Max.	m	7.5
	Heat insulation				Both liquid and gas pipes
	Total piping length	System	Actual	m	75
Refrigerant oil	Type				FW68DA
	Charged volume			l	0.90

Standard Accessories : Installation manual; Quantity : 1;

Standard Accessories : Screw bag; Quantity : 1;

Standard Accessories : Drain plug; Quantity : 1;

Standard Accessories : Drain cap; Quantity : 9;

Standard Accessories : Reducer assembly; Quantity : 1;

2-2 Electrical Specifications				5MXM90M
Power supply	Name			V1
	Phase			1~
	Frequency		Hz	50
	Voltage		V	220-240
Current - 50Hz	Maximum fuse amps (MFA)		A	30
Current	Nominal running current (RLA)	Cooling	A	9.94
		Heating	A	10.25
	Starting current	Cooling	A	11.8
		Heating	A	11.8
Current - 60Hz	Maximum fuse amps (MFA)		A	-

Notes

Contains fluorinated greenhouse gases

3 Electrical data

3 - 1 Electrical Data

5MXM-M

Model		Unit				Power supply		COMP.		OFM	
Outdoor	H/P C/O	Hz	Voltage	MIN.	MAX.	MCA	MFA	MSC	RLA	kW	FLA
5MXM90M2V1B	H/P	50	220	198	242	24,5	30	11,8	10,40	0,075	0,50
			230	207	253				9,94		
			240	216	264				9,53		

Symbols

MCA: Minimum Circuit Ampere [A]

MFA: Maximum Fuse Ampere [A]

MSC: Maximum current of the starting compressor [A]

RLA: Rated load amps [A]

OFM: Outdoor fan motor [A]

FLA: Full Load Ampere [A]

kW: Fan motor rated output [kW]

Notes

1. The RLA is based on the following conditions.
   Cooling
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB
2. Voltage range
   The units are suitable for use with electrical systems in which the voltage supplied to the unit terminals is not below or above the listed range limits.
3. The maximum allowable voltage that is unbalanced between phases is 2%.
4. Select the wire size according to the MCA.
5. MFA is used to select the circuit breaker and the ground fault circuit interruptor.
   Earth leakage circuit breaker

3D102733

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1,5	1,80	---	---	---	---	1,78	1,80	2,98	0,43	0,48	0,93	1,95	2,20	4,26	95
	2,0	2,00	---	---	---	---	1,86	2,00	3,09	0,44	0,56	0,99	2,00	2,57	4,53	95
	2,5	2,50	---	---	---	---	1,98	2,50	3,61	0,48	0,71	1,14	2,18	3,25	5,24	95
	3,5	3,50	---	---	---	---	2,03	3,50	4,92	0,50	1,14	1,43	2,31	5,22	6,53	95
	4,2	---	---	4,20	---	---	2,06	4,20	5,06	0,51	1,46	1,54	2,35	6,69	7,06	95
	5,0	---	---	5,00	---	---	2,20	5,00	5,94	0,48	1,52	1,74	2,18	6,96	7,95	95
	6,0	---	---	6,00	---	---	2,31	6,00	6,73	0,49	1,89	2,17	2,22	8,65	9,94	95
	7,1	---	---	7,10	---	---	2,43	7,10	7,53	0,51	2,57	2,66	2,35	11,77	12,16	95
	1.5+1.5	1,50	1,50	---	---	---	2,01	3,00	4,11	0,42	0,51	1,01	1,94	2,34	4,64	95
	1.5+2.0	1,50	2,00	---	---	---	2,03	3,50	4,59	0,46	0,63	1,19	2,11	2,89	5,46	95
	1.5+2.5	1,50	2,50	---	---	---	2,09	4,00	5,06	0,42	0,76	1,23	1,94	3,48	5,62	95
	1.5+3.5	1,50	3,50	---	---	---	2,20	5,00	5,94	0,42	1,03	1,59	1,94	4,72	7,29	95
	1.5+4.2	1,50	---	4,20	---	---	2,27	5,70	6,50	0,42	1,28	1,86	1,94	5,86	8,51	95
	1.5+5.0	1,50	---	5,00	---	---	2,36	6,50	7,11	0,46	1,53	2,15	2,11	7,01	9,86	95
	1.5+6.0	1,50	---	6,00	---	---	2,48	7,50	7,79	0,50	1,89	2,29	2,27	8,65	10,47	95
	1.5+7.1	1,50	---	7,10	---	---	2,64	8,60	8,46	0,52	2,28	2,67	2,40	10,44	12,22	95
	2.0+2.0	2,00	2,00	---	---	---	2,09	4,00	5,41	0,46	0,75	1,59	2,11	3,44	7,29	95
	2.0+2.5	2,00	2,50	---	---	---	2,14	4,50	5,84	0,46	0,91	1,59	2,11	4,17	7,29	95
	2.0+3.5	2,00	3,50	---	---	---	2,25	5,50	6,49	0,46	1,18	1,86	2,11	5,41	8,51	95
	2.0+4.2	2,00	---	4,20	---	---	2,33	6,20	6,89	0,46	1,43	2,09	2,11	6,55	9,57	95
	2.0+5.0	2,00	---	5,00	---	---	2,42	7,00	7,46	0,46	1,66	2,31	2,11	7,60	10,55	95
	2.0+6.0	1,88	---	5,63	---	---	2,55	7,50	8,12	0,50	1,85	2,50	2,27	8,47	11,45	95
	2.0+7.1	1,76	---	6,24	---	---	2,71	8,00	8,64	0,52	2,00	2,79	2,40	9,16	12,75	95
	2.5+2.5	2,50	2,50	---	---	---	2,20	5,00	6,32	0,42	1,02	1,77	1,94	4,67	8,11	95
	2.5+3.5	2,50	3,50	---	---	---	2,31	6,00	6,73	0,46	1,40	2,00	2,11	6,41	9,16	95
	2.5+4.2	2,50	---	4,20	---	---	2,39	6,70	7,25	0,46	1,58	2,29	2,11	7,24	10,47	95
	2.5+5.0	2,50	---	5,00	---	---	2,48	7,50	7,79	0,49	1,85	2,51	2,23	8,47	11,49	95
	2.5+6.0	2,35	---	5,65	---	---	2,63	8,00	8,42	0,52	2,00	2,67	2,40	9,16	12,22	95
	2.5+7.1	2,21	---	6,29	---	---	2,79	8,50	8,64	0,55	2,17	2,79	2,53	9,94	12,75	95
	3.5+3.5	3,50	3,50	---	---	---	2,42	7,00	7,46	0,49	1,66	2,39	2,23	7,60	10,96	95
	3.5+4.2	3,50	---	4,20	---	---	2,51	7,70	7,81	0,49	1,92	2,60	2,23	8,79	11,89	95
	3.5+5.0	3,29	---	4,71	---	---	2,63	8,00	7,99	0,52	1,99	2,62	2,40	9,11	11,98	95
	3.5+6.0	2,95	---	5,05	---	---	2,77	8,00	8,62	0,55	1,96	2,79	2,53	8,98	12,75	95
	3.5+7.1	2,97	---	6,03	---	---	2,93	9,00	8,64	0,59	2,41	2,79	2,69	11,03	12,75	95
	4.2+4.2	4,00	---	4,00	---	---	2,61	8,00	7,82	0,52	2,07	2,60	2,36	9,48	11,89	95
	4.2+5.0	3,65	---	4,35	---	---	2,73	8,00	8,17	0,55	2,02	2,73	2,53	9,25	12,50	95
	4.2+6.0	3,50	---	5,00	---	---	2,88	8,50	8,63	0,55	2,21	2,79	2,53	10,12	12,75	95
	4.2+7.1	3,35	---	5,65	---	---	3,04	9,00	8,83	0,59	2,41	2,90	2,69	11,03	13,28	95
	5.0+5.0	4,25	---	4,25	---	---	2,85	8,50	8,34	0,55	2,10	2,84	2,53	9,62	12,99	95
	5.0+6.0	4,09	---	4,91	---	---	2,99	9,00	8,81	0,59	2,20	2,89	2,69	10,07	13,24	95
	5.0+7.1	3,72	---	5,28	---	---	3,16	9,00	9,06	0,62	2,17	3,02	2,82	9,94	13,81	95
	6.0+6.0	4,50	---	4,50	---	---	3,14	9,00	9,46	0,59	2,19	2,99	2,69	10,03	13,69	95
	6.0+7.1	4,12	---	4,88	---	---	3,30	9,00	9,48	0,63	2,16	2,99	2,86	9,89	13,69	95
	7.1+7.1	4,50	---	4,50	---	---	3,46	9,00	9,50	0,65	2,16	2,99	2,99	9,89	13,69	95

Notes

1. The total capacity of each connected indoor unit is up to 14.2kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103904

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1.5+1.5+1.5	1,50	1,50	1,50	---	---	2,14	4,50	5,51	0,43	0,83	1,24	1,98	3,80	5,66	95
	1.5+1.5+2.0	1,50	1,50	2,00	---	---	2,20	5,00	5,94	0,43	0,96	1,40	1,98	4,40	6,39	95
	1.5+1.5+2.5	1,50	1,50	2,50	---	---	2,25	5,50	6,34	0,43	1,09	1,57	1,98	4,99	7,17	95
	1.5+1.5+3.5	1,50	1,50	3,50	---	---	2,36	6,50	7,11	0,46	1,38	1,93	2,11	6,32	8,84	95
	1.5+1.5+4.2	1,50	1,50	4,20	---	---	2,44	7,20	7,60	0,46	1,61	2,18	2,11	7,37	9,98	95
	1.5+1.5+5.0	1,41	1,41	4,69	---	---	2,55	7,50	8,12	0,50	1,75	2,41	2,27	8,01	11,04	95
	1.5+1.5+6.0	1,33	1,33	5,33	---	---	2,70	8,00	8,70	0,53	1,96	2,51	2,44	8,98	11,49	95
	1.5+1.5+7.1	1,26	1,26	5,98	---	---	2,86	8,50	9,25	0,56	2,20	2,87	2,57	10,07	13,12	95
	1.5+2.0+2.0	1,50	2,00	2,00	---	---	2,25	5,50	6,34	0,46	1,09	1,57	2,11	4,99	7,17	95
	1.5+2.0+2.5	1,50	2,00	2,50	---	---	2,31	6,00	6,73	0,43	1,23	1,74	1,98	5,63	7,98	95
	1.5+2.0+3.5	1,50	2,00	3,50	---	---	2,42	7,00	7,46	0,46	1,52	2,14	2,11	6,96	9,78	95
	1.5+2.0+4.2	1,50	2,00	4,20	---	---	2,51	7,70	7,93	0,50	1,83	2,39	2,27	8,38	10,96	95
	1.5+2.0+5.0	1,41	1,88	4,71	---	---	2,63	8,00	8,42	0,50	1,95	2,57	2,27	8,93	11,77	95
	1.5+2.0+6.0	1,26	1,68	5,05	---	---	2,77	8,00	8,96	0,53	1,94	2,68	2,44	8,88	12,26	95
	1.5+2.0+7.1	1,27	1,70	6,03	---	---	2,93	9,00	9,30	0,56	2,39	2,87	2,57	10,94	13,12	95
	1.5+2.5+2.5	1,50	2,50	2,50	---	---	2,36	6,50	7,11	0,46	1,39	1,93	2,11	6,37	8,84	95
	1.5+2.5+3.5	1,50	2,50	3,50	---	---	2,48	7,50	7,79	0,50	1,72	2,29	2,27	7,88	10,47	95
	1.5+2.5+4.2	1,46	2,44	4,10	---	---	2,58	8,00	8,24	0,50	1,99	2,56	2,27	9,11	11,73	95
	1.5+2.5+5.0	1,33	2,22	4,44	---	---	2,70	8,00	8,70	0,52	1,95	2,75	2,40	8,93	12,59	95
	1.5+2.5+6.0	1,28	2,13	5,10	---	---	2,85	8,50	9,21	0,53	2,20	2,87	2,44	10,07	13,12	95
	1.5+2.5+7.1	1,22	2,03	5,76	---	---	3,01	9,00	9,49	0,56	2,39	2,99	2,57	10,94	13,69	95
	1.5+3.5+3.5	1,41	3,29	3,29	---	---	2,63	8,00	8,42	0,52	2,00	2,67	2,40	9,16	12,22	95
	1.5+3.5+4.2	1,30	3,04	3,65	---	---	2,73	8,00	8,65	0,52	1,99	2,79	2,40	9,11	12,75	95
	1.5+3.5+5.0	1,28	2,98	4,25	---	---	2,85	8,50	8,83	0,56	2,20	2,81	2,57	10,07	12,87	95
	1.5+3.5+6.0	1,23	2,86	4,91	---	---	2,99	9,00	9,29	0,56	2,39	2,87	2,57	10,94	13,12	95
	1.5+3.5+7.1	1,12	2,60	5,28	---	---	3,16	9,00	9,50	0,59	2,36	2,99	2,69	10,81	13,69	95
	1.5+4.2+4.2	1,50	---	4,20	4,20	---	2,83	9,90	8,66	0,55	2,45	2,79	2,53	11,22	12,75	95
	1.5+4.2+5.0	1,26	---	3,53	4,21	---	2,95	9,00	8,84	0,56	2,18	2,81	2,57	9,98	12,87	95
	1.5+4.2+6.0	1,15	---	3,23	4,62	---	3,10	9,00	9,49	0,59	2,15	2,99	2,69	9,84	13,69	95
	1.5+4.2+7.1	1,05	---	2,95	4,99	---	3,26	9,00	9,51	0,63	2,13	2,99	2,86	9,75	13,69	95
	1.5+5.0+5.0	1,17	---	3,91	3,91	---	3,07	9,00	9,20	0,59	2,04	2,95	2,69	9,34	13,52	95
	1.5+5.0+6.0	1,08	---	3,60	4,32	---	3,21	9,00	9,66	0,59	2,03	3,02	2,69	9,30	13,81	95
	1.5+5.0+7.1	0,99	---	3,31	4,70	---	3,38	9,00	9,68	0,63	2,01	3,02	2,86	9,20	13,81	95
	1.5+6.0+6.0	1,00	---	4,00	4,00	---	3,36	9,00	10,13	0,63	2,02	3,08	2,86	9,25	14,09	95
	1.5+6.0+7.1	1,19	---	3,58	4,23	---	3,51	9,00	10,15	0,65	2,00	3,08	2,99	9,16	14,09	95
	2.0+2.0+2.0	2,00	2,00	2,00	---	---	2,31	6,00	6,76	0,46	1,23	1,74	2,11	5,63	7,98	95
	2.0+2.0+2.5	2,00	2,00	2,50	---	---	2,36	6,50	7,11	0,46	1,39	1,93	2,11	6,37	8,84	95
	2.0+2.0+3.5	2,00	2,00	3,50	---	---	2,48	7,50	7,79	0,50	1,72	2,29	2,27	7,88	10,47	95
	2.0+2.0+4.2	2,00	2,00	4,20	---	---	2,58	8,20	8,24	0,50	2,04	2,56	2,27	9,34	11,73	95
	2.0+2.0+5.0	1,78	1,78	4,44	---	---	2,70	8,00	8,70	0,52	1,95	2,75	2,40	8,93	12,59	95
	2.0+2.0+6.0	1,70	1,70	5,10	---	---	2,85	8,50	9,21	0,53	2,20	2,87	2,44	10,07	13,12	95
	2.0+2.0+7.1	1,62	1,62	5,76	---	---	3,01	9,00	9,49	0,56	2,36	2,99	2,57	10,81	13,69	95
	2.0+2.5+2.5	2,00	2,50	2,50	---	---	2,42	7,00	7,46	0,46	1,52	2,14	2,11	6,96	9,78	95
	2.0+2.5+3.5	1,88	2,34	3,28	---	---	2,55	7,50	8,12	0,50	1,72	2,50	2,27	7,88	11,45	95

Notes

1. The total capacity of each connected indoor unit is up to 14.6kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103905

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	2.0+2.5+4.2	1,84	2,30	3,86	---	---	2,66	8,00	8,53	0,52	1,99	2,73	2,40	9,11	12,50	95
	2.0+2.5+5.0	1,68	2,11	4,21	---	---	2,77	8,00	8,82	0,52	1,95	2,80	2,40	8,93	12,83	95
	2.0+2.5+6.0	1,66	2,07	4,97	---	---	2,92	8,70	9,28	0,56	2,29	2,87	2,57	10,49	13,12	95
	2.0+2.5+7.1	1,55	1,94	5,51	---	---	3,08	9,00	9,49	0,59	2,35	2,99	2,69	10,76	13,69	95
	2.0+3.5+3.5	1,78	3,11	3,11	---	---	2,70	8,00	8,64	0,52	1,98	2,79	2,40	9,07	12,75	95
	2.0+3.5+4.2	1,75	3,07	3,68	---	---	2,80	8,50	8,65	0,55	2,17	2,79	2,53	9,94	12,75	95
	2.0+3.5+5.0	1,66	2,90	4,14	---	---	2,92	8,70	8,83	0,56	2,28	2,81	2,57	10,44	12,87	95
	2.0+3.5+6.0	1,57	2,74	4,70	---	---	3,07	9,00	9,48	0,59	2,35	2,99	2,69	10,76	13,69	95
	2.0+3.5+7.1	1,43	2,50	5,07	---	---	3,23	9,00	9,50	0,63	2,32	2,99	2,86	10,62	13,69	95
	2.0+4.2+4.2	1,67	---	3,51	3,51	---	2,91	8,70	8,66	0,55	2,24	2,79	2,53	10,26	12,75	95
	2.0+4.2+5.0	1,61	---	3,38	4,02	---	3,02	9,00	9,02	0,59	2,36	2,93	2,69	10,81	13,40	95
	2.0+4.2+6.0	1,48	---	3,10	4,43	---	3,17	9,00	9,49	0,59	2,33	2,99	2,69	10,67	13,69	95
	2.0+4.2+7.1	1,35	---	2,84	4,80	---	3,33	9,00	9,51	0,63	2,30	2,99	2,86	10,53	13,69	95
	2.0+5.0+5.0	1,50	---	3,75	3,75	---	3,14	9,00	9,20	0,59	2,22	2,95	2,69	10,17	13,52	95
	2.0+5.0+6.0	1,38	---	3,46	4,15	---	3,29	9,00	9,66	0,63	2,19	3,02	2,86	10,03	13,81	95
	2.0+5.0+7.1	1,28	---	3,19	4,53	---	3,45	9,00	9,68	0,65	2,17	3,02	2,99	9,94	13,81	95
	2.0+6.0+6.0	1,29	---	3,86	3,86	---	3,43	9,00	10,13	0,63	2,18	3,08	2,86	9,98	14,09	95
	2.0+6.0+7.1	1,19	---	3,58	4,23	---	3,59	9,00	10,61	0,65	2,16	3,56	2,99	9,89	16,29	95
	2.5+2.5+2.5	2,50	2,50	2,50	---	---	2,48	7,50	7,79	0,50	1,71	2,29	2,27	7,83	10,47	95
	2.5+2.5+3.5	2,35	2,35	3,29	---	---	2,63	8,00	8,42	0,52	1,98	2,67	2,40	9,07	12,22	95
	2.5+2.5+4.2	2,17	2,17	3,65	---	---	2,73	8,00	8,64	0,52	1,97	2,79	2,40	9,02	12,75	95
	2.5+2.5+5.0	2,13	2,13	4,25	---	---	2,85	8,50	8,82	0,56	2,20	2,80	2,57	10,07	12,83	95
	2.5+2.5+6.0	2,05	2,05	4,91	---	---	2,99	9,00	9,28	0,56	2,35	2,87	2,57	10,76	13,12	95
	2.5+2.5+7.1	1,86	1,86	5,28	---	---	3,16	9,00	9,49	0,59	2,32	2,99	2,69	10,62	13,69	95
	2.5+3.5+3.5	2,11	2,95	2,95	---	---	2,77	8,00	8,64	0,55	1,96	2,79	2,53	8,98	12,75	95
	2.5+3.5+4.2	2,08	2,92	3,50	---	---	2,88	8,50	8,65	0,55	2,19	2,79	2,53	10,03	12,75	95
	2.5+3.5+5.0	2,05	2,86	4,09	---	---	2,99	9,00	8,83	0,59	2,33	2,81	2,69	10,67	12,87	95
	2.5+3.5+6.0	1,88	2,63	4,50	---	---	3,14	9,00	9,48	0,59	2,30	2,99	2,69	10,53	13,69	95
	2.5+3.5+7.1	1,72	2,40	4,88	---	---	3,30	9,00	9,50	0,63	2,27	2,99	2,86	10,39	13,69	95
	2.5+4.2+4.2	2,06	---	3,47	3,47	---	2,98	9,00	8,61	0,59	2,41	2,79	2,69	11,03	12,75	95
	2.5+4.2+5.0	1,92	---	3,23	3,85	---	3,10	9,00	9,02	0,59	2,35	2,93	2,69	10,76	13,40	95
	2.5+4.2+6.0	1,77	---	2,98	4,25	---	3,24	9,00	9,49	0,63	2,32	2,99	2,86	10,62	13,69	95
	2.5+4.2+7.1	1,63	---	2,74	4,63	---	3,41	9,00	9,51	0,65	2,29	2,99	2,99	10,49	13,69	95
	2.5+5.0+5.0	1,80	---	3,60	3,60	---	3,21	9,00	9,20	0,62	2,21	3,00	2,82	10,12	13,73	95
	2.5+5.0+6.0	1,67	---	3,33	4,00	---	3,36	9,00	9,66	0,63	2,18	3,02	2,86	9,98	13,81	95
	2.5+5.0+7.1	1,54	---	3,08	4,38	---	3,51	9,00	9,68	0,65	2,16	3,02	2,99	9,89	13,81	95
	2.5+6.0+6.0	1,55	---	3,72	3,72	---	3,50	9,00	10,13	0,65	2,17	3,08	2,99	9,94	14,09	95
	2.5+6.0+7.1	1,44	---	3,46	4,10	---	3,66	9,00	10,61	0,65	2,15	3,56	2,99	9,84	16,29	95
	3.5+3.5+3.5	2,90	2,90	2,90	---	---	2,92	8,70	8,77	0,59	2,23	2,90	2,69	10,21	13,28	95
	3.5+3.5+4.2	2,81	2,81	3,38	---	---	3,02	9,00	8,83	0,59	2,40	2,90	2,69	10,99	13,28	95
	3.5+3.5+5.0	2,63	2,63	3,75	---	---	3,14	9,00	9,02	0,62	2,33	2,95	2,82	10,67	13,52	95
	3.5+3.5+6.0	2,42	2,42	4,15	---	---	3,29	9,00	9,49	0,63	2,30	2,99	2,86	10,53	13,69	95
	3.5+3.5+7.1	2,23	2,23	4,53	---	---	3,45	9,00	9,51	0,65	2,28	2,99	2,99	10,44	13,69	95
	3.5+4.2+4.2	2,65	---	3,18	3,18	---	3,13	9,00	8,97	0,62	2,38	2,90	2,82	10,90	13,28	95

Notes

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103906

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	3.5+4.2+5.0	2,48	---	2,98	3,54	---	3,24	9,00	9,18	0,62	2,32	2,93	2,82	10,62	13,40	95
	3.5+4.2+6.0	2,30	---	2,76	3,94	---	3,39	9,00	9,50	0,65	2,29	2,99	2,99	10,49	13,69	95
	3.5+4.2+7.1	2,13	---	2,55	4,32	---	3,54	9,00	10,01	0,69	2,26	3,52	3,16	10,35	16,09	95
	3.5+5.0+5.0	2,33	---	3,33	3,33	---	3,36	9,00	9,20	0,65	2,19	2,98	2,99	10,03	13,65	95
	3.5+5.0+6.0	2,17	---	3,10	3,72	---	3,50	9,00	9,67	0,65	2,16	3,02	2,99	9,89	13,81	95
	3.5+5.0+7.1	2,02	---	2,88	4,10	---	3,66	9,00	10,14	0,69	2,14	3,48	3,16	9,80	15,93	95
	3.5+6.0+6.0	2,03	---	3,48	3,48	---	3,65	9,00	10,59	0,65	2,15	3,56	2,99	9,84	16,29	95
	4.2+4.2+4.2	3,00	---	3,00	3,00	---	3,23	9,00	9,18	0,65	2,37	2,91	2,99	10,85	13,32	95
	4.2+4.2+5.0	2,82	---	2,82	3,36	---	3,35	9,00	9,26	0,65	2,31	2,93	2,99	10,58	13,40	95
	4.2+4.2+6.0	2,63	---	2,63	3,75	---	3,48	9,00	9,51	0,65	2,28	2,99	2,99	10,44	13,69	95
	4.2+4.2+7.1	2,44	---	2,44	4,12	---	3,65	9,00	10,02	0,69	2,25	3,52	3,16	10,30	16,09	95
	4.2+5.0+5.0	2,66	---	3,17	3,17	---	3,46	9,00	9,21	0,68	2,30	2,95	3,12	10,53	13,52	95
	4.2+5.0+6.0	2,49	---	2,96	3,55	---	3,60	9,00	10,18	0,69	2,27	3,54	3,16	10,39	16,21	95
	5.0+5.0+5.0	3,00	---	3,00	3,00	---	3,57	9,00	9,98	0,69	2,29	3,62	3,16	10,49	16,58	95
	1.5+1.5+1.5+1.5	1,50	1,50	1,50	1,50	---	2,31	6,00	6,73	0,44	1,25	1,44	2,02	5,73	6,60	95
	1.5+1.5+1.5+2.0	1,50	1,50	1,50	2,00	---	2,36	6,50	7,11	0,47	1,38	1,62	2,15	6,32	7,41	95
	1.5+1.5+1.5+2.5	1,50	1,50	1,50	2,50	---	2,42	7,00	7,46	0,47	1,50	1,76	2,15	6,87	8,06	95
	1.5+1.5+1.5+3.5	1,41	1,41	1,41	3,28	---	2,55	7,50	8,12	0,50	1,63	2,06	2,27	7,46	9,45	95
	1.5+1.5+1.5+4.2	1,38	1,38	1,38	3,86	---	2,66	8,00	8,53	0,50	1,94	2,39	2,27	8,88	10,96	95
	1.5+1.5+1.5+5.0	1,26	1,26	1,26	4,21	---	2,77	8,00	8,96	0,53	1,90	2,58	2,44	8,70	11,81	95
	1.5+1.5+1.5+6.0	1,24	1,24	1,24	4,97	---	2,92	8,70	9,44	0,53	2,34	2,63	2,44	10,71	12,02	95
	1.5+1.5+1.5+7.1	1,16	1,16	1,16	5,51	---	3,08	9,00	9,86	0,56	2,39	2,88	2,57	10,94	13,20	95
	1.5+1.5+2.0+2.0	1,50	1,50	2,00	2,00	---	2,42	7,00	7,46	0,47	1,50	1,76	2,15	6,87	8,06	95
	1.5+1.5+2.0+2.5	1,50	1,50	2,00	2,50	---	2,48	7,50	7,79	0,47	1,63	1,91	2,15	7,46	8,76	95
	1.5+1.5+2.0+3.5	1,41	1,41	1,88	3,29	---	2,63	8,00	8,42	0,50	1,94	2,23	2,27	8,88	10,18	95
	1.5+1.5+2.0+4.2	1,30	1,30	1,74	3,65	---	2,73	8,00	8,80	0,53	1,94	2,56	2,44	8,88	11,73	95
	1.5+1.5+2.0+5.0	1,28	1,28	1,70	4,25	---	2,85	8,50	9,21	0,53	2,23	2,77	2,44	10,21	12,67	95
	1.5+1.5+2.0+6.0	1,23	1,23	1,64	4,91	---	2,99	9,00	9,64	0,56	2,39	2,75	2,57	10,94	12,59	95
	1.5+1.5+2.0+7.1	1,12	1,12	1,49	5,28	---	3,16	9,00	10,04	0,60	2,36	3,02	2,74	10,81	13,81	95
	1.5+1.5+2.5+2.5	1,41	1,41	2,34	2,34	---	2,55	7,50	8,12	0,50	1,63	2,06	2,27	7,46	9,45	95
	1.5+1.5+2.5+3.5	1,33	1,33	2,22	3,11	---	2,70	8,00	8,70	0,53	1,94	2,51	2,44	8,88	11,49	95
	1.5+1.5+2.5+4.2	1,31	1,31	2,19	3,68	---	2,80	8,50	9,06	0,53	2,25	2,74	2,44	10,30	12,55	95
	1.5+1.5+2.5+5.0	1,24	1,24	2,07	4,14	---	2,92	8,70	9,44	0,56	2,33	2,89	2,57	10,67	13,24	95
	1.5+1.5+2.5+6.0	1,17	1,17	1,96	4,70	---	3,07	9,00	9,83	0,56	2,43	2,88	2,57	11,13	13,20	95
	1.5+1.5+2.5+7.1	1,07	1,07	1,79	5,07	---	3,23	9,00	10,16	0,60	2,40	3,08	2,74	10,99	14,09	95
	1.5+1.5+3.5+3.5	1,28	1,28	2,98	2,98	---	2,85	8,50	9,21	0,53	2,25	2,80	2,44	10,30	12,83	95
	1.5+1.5+3.5+4.2	1,26	1,26	2,94	3,53	---	2,95	9,00	9,32	0,56	2,47	2,87	2,57	11,31	13,12	95
	1.5+1.5+3.5+5.0	1,17	1,17	2,74	3,91	---	3,07	9,00	9,68	0,59	2,40	3,02	2,69	10,99	13,81	95
	1.5+1.5+3.5+6.0	1,08	1,08	2,52	4,32	---	3,21	9,00	10,15	0,59	2,37	3,08	2,69	10,85	14,09	95
	1.5+1.5+3.5+7.1	0,99	0,99	2,32	4,70	---	3,38	9,00	10,17	0,63	2,34	3,08	2,86	10,71	14,09	95
	1.5+1.5+4.2+4.2	1,18	1,18	3,32	3,32	---	3,05	9,00	9,52	0,59	2,45	2,99	2,69	11,22	13,69	95
	1.5+1.5+4.2+5.0	1,11	1,11	3,10	3,69	---	3,17	9,00	9,69	0,59	2,39	3,02	2,69	10,94	13,81	95
	1.5+1.5+4.2+6.0	1,02	1,02	2,86	4,09	---	3,32	9,00	10,16	0,60	2,36	3,08	2,74	10,81	14,09	95
	1.5+1.5+4.2+7.1	0,94	0,94	2,64	4,47	---	3,47	9,00	10,18	0,63	2,33	3,08	2,86	10,67	14,09	95

Notes

1. The total capacity of each connected indoor unit is up to 15.2kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103907

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1.5+1.5+5.0+5.0	1,04	1,04	3,46	3,46	---	3,29	9,00	9,87	0,63	2,24	3,04	2,86	10,26	13,93	95
	1.5+1.5+5.0+6.0	0,96	0,96	3,21	3,86	---	3,43	9,00	10,34	0,63	2,21	3,11	2,86	10,12	14,22	95
	1.5+1.5+5.0+7.1	0,89	0,89	2,98	4,23	---	3,59	9,00	10,67	0,65	2,19	3,45	2,99	10,03	15,80	95
	1.5+1.5+6.0+6.0	0,90	0,90	3,60	3,60	---	3,57	9,00	10,66	0,63	2,20	3,10	2,86	10,07	14,17	95
	1.5+2.0+2.0+2.0	1,50	2,00	2,00	2,00	---	2,48	7,50	7,79	0,47	1,63	1,91	2,15	7,46	8,76	95
	1.5+2.0+2.0+2.5	1,41	1,88	1,88	2,34	---	2,55	7,50	8,12	0,50	1,62	2,06	2,27	7,42	9,45	95
	1.5+2.0+2.0+3.5	1,33	1,78	1,78	3,11	---	2,70	8,00	8,70	0,53	1,94	2,34	2,44	8,88	10,71	95
	1.5+2.0+2.0+4.2	1,31	1,75	1,75	3,68	---	2,80	8,50	9,06	0,53	2,25	2,74	2,44	10,30	12,55	95
	1.5+2.0+2.0+5.0	1,24	1,66	1,66	4,14	---	2,92	8,70	9,44	0,56	2,34	2,89	2,57	10,71	13,24	95
	1.5+2.0+2.0+6.0	1,17	1,57	1,57	4,70	---	3,07	9,00	9,83	0,56	2,43	2,88	2,57	11,13	13,20	95
	1.5+2.0+2.0+7.1	1,07	1,43	1,43	5,07	---	3,23	9,00	10,16	0,60	2,40	3,08	2,74	10,99	14,09	95
	1.5+2.0+2.5+2.5	1,41	1,88	2,35	2,35	---	2,63	8,00	8,42	0,50	1,95	2,23	2,27	8,93	10,18	95
	1.5+2.0+2.5+3.5	1,26	1,68	2,11	2,95	---	2,77	8,00	8,96	0,53	1,94	2,69	2,44	8,88	12,30	95
	1.5+2.0+2.5+4.2	1,25	1,67	2,08	3,50	---	2,88	8,50	9,30	0,56	2,24	2,87	2,57	10,26	13,12	95
	1.5+2.0+2.5+5.0	1,23	1,64	2,05	4,09	---	2,99	9,00	9,49	0,56	2,44	2,89	2,57	11,17	13,24	95
	1.5+2.0+2.5+6.0	1,13	1,50	1,88	4,50	---	3,14	9,00	10,01	0,59	2,41	3,01	2,69	11,03	13,77	95
	1.5+2.0+2.5+7.1	1,03	1,37	1,72	4,88	---	3,30	9,00	10,16	0,60	2,38	3,08	2,74	10,90	14,09	95
	1.5+2.0+3.5+3.5	1,24	1,66	2,90	2,90	---	2,92	8,70	9,31	0,56	2,34	2,87	2,57	10,71	13,12	95
	1.5+2.0+3.5+4.2	1,21	1,61	2,81	3,38	---	3,02	9,00	9,51	0,56	2,45	2,99	2,57	11,22	13,69	95
	1.5+2.0+3.5+5.0	1,13	1,50	2,63	3,75	---	3,14	9,00	9,68	0,59	2,39	3,02	2,69	10,94	13,81	95
	1.5+2.0+3.5+6.0	1,04	1,38	2,42	4,15	---	3,29	9,00	10,15	0,59	2,36	3,08	2,69	10,81	14,09	95
	1.5+2.0+3.5+7.1	0,96	1,28	2,23	4,53	---	3,45	9,00	10,17	0,63	2,33	3,08	2,86	10,67	14,09	95
	1.5+2.0+4.2+4.2	1,13	1,51	3,18	3,18	---	3,13	9,00	9,52	0,59	2,44	2,99	2,69	11,17	13,69	95
	1.5+2.0+4.2+5.0	1,06	1,42	2,98	3,54	---	3,24	9,00	9,69	0,63	2,38	3,02	2,86	10,90	13,81	95
	1.5+2.0+4.2+6.0	0,99	1,31	2,76	3,94	---	3,39	9,00	10,16	0,63	2,35	3,08	2,86	10,76	14,09	95
	1.5+2.0+4.2+7.1	0,91	1,22	2,55	4,32	---	3,54	9,00	10,63	0,65	2,32	3,57	2,99	10,62	16,33	95
	1.5+2.0+5.0+5.0	1,00	1,33	3,33	3,33	---	3,36	9,00	9,87	0,63	2,26	3,04	2,86	10,35	13,93	95
	1.5+2.0+5.0+6.0	0,93	1,24	3,10	3,72	---	3,50	9,00	10,34	0,63	2,23	3,11	2,86	10,21	14,22	95
	1.5+2.0+5.0+7.1	0,87	1,15	2,88	4,10	---	3,66	9,00	10,71	0,65	2,20	3,45	2,99	10,07	15,80	95
	1.5+2.0+6.0+6.0	0,87	1,16	3,48	3,48	---	3,65	9,00	10,70	0,65	2,22	3,10	2,99	10,17	14,17	95
	1.5+2.5+2.5+2.5	1,33	2,22	2,22	2,22	---	2,70	8,00	8,70	0,53	1,94	2,39	2,44	8,88	10,96	95
	1.5+2.5+2.5+3.5	1,28	2,13	2,13	2,98	---	2,85	8,50	9,21	0,53	2,24	2,87	2,44	10,26	13,12	95
	1.5+2.5+2.5+4.2	1,26	2,10	2,10	3,53	---	2,95	9,00	9,31	0,56	2,44	2,87	2,57	11,17	13,12	95
	1.5+2.5+2.5+5.0	1,17	1,96	1,96	3,91	---	3,07	9,00	9,68	0,59	2,38	3,02	2,69	10,90	13,81	95
	1.5+2.5+2.5+6.0	1,08	1,80	1,80	4,32	---	3,21	9,00	10,14	0,59	2,35	3,08	2,69	10,76	14,09	95
	1.5+2.5+2.5+7.1	0,99	1,65	1,65	4,70	---	3,38	9,00	10,16	0,63	2,32	3,08	2,86	10,62	14,09	95
	1.5+2.5+3.5+3.5	1,23	2,05	2,86	2,86	---	2,99	9,00	9,31	0,56	2,36	2,87	2,57	10,81	13,12	95
	1.5+2.5+3.5+4.2	1,15	1,92	2,69	3,23	---	3,10	9,00	9,51	0,59	2,35	2,99	2,69	10,76	13,69	95
	1.5+2.5+3.5+5.0	1,08	1,80	2,52	3,60	---	3,21	9,00	9,68	0,59	2,29	3,02	2,69	10,49	13,81	95
	1.5+2.5+3.5+6.0	1,00	1,67	2,33	4,00	---	3,36	9,00	10,15	0,63	2,26	3,08	2,86	10,35	14,09	95
	1.5+2.5+3.5+7.1	0,92	1,54	2,16	4,38	---	3,51	9,00	10,17	0,65	2,23	3,08	2,99	10,21	14,09	95
	1.5+2.5+4.2+4.2	1,09	1,81	3,05	3,05	---	3,20	9,00	9,52	0,59	2,33	2,99	2,69	10,67	13,69	95
	1.5+2.5+4.2+5.0	1,02	1,70	2,86	3,41	---	3,32	9,00	9,69	0,63	2,28	3,02	2,86	10,44	13,81	95
	1.5+2.5+4.2+6.0	0,95	1,58	2,66	3,80	---	3,46	9,00	10,16	0,63	2,25	3,08	2,86	10,30	14,09	95

Notes

1. The total capacity of each connected indoor unit is up to 15.1kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103908

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1.5+2.5+4.2+7.1	0,88	1,47	2,47	4,18	---	3,62	9,00	10,68	0,65	2,22	3,64	2,99	10,17	16,66	95
	1.5+2.5+5.0+5.0	0,96	1,61	3,21	3,21	---	3,20	9,00	9,52	0,59	2,26	2,99	2,69	10,35	13,69	95
	1.5+2.5+5.0+6.0	0,90	1,50	3,00	3,60	---	3,32	9,00	9,69	0,63	2,24	3,02	2,86	10,26	13,81	95
	1.5+3.5+3.5+3.5	1,13	2,63	2,63	2,63	---	3,14	9,00	9,51	0,59	2,35	2,99	2,69	10,76	13,69	95
	1.5+3.5+3.5+4.2	1,06	2,48	2,48	2,98	---	3,24	9,00	9,52	0,63	2,33	2,99	2,86	10,67	13,69	95
	1.5+3.5+3.5+5.0	1,00	2,33	2,33	3,33	---	3,36	9,00	9,69	0,63	2,28	3,02	2,86	10,44	13,81	95
	1.5+3.5+3.5+6.0	0,93	2,17	2,17	3,72	---	3,50	9,00	10,16	0,63	2,25	3,08	2,86	10,30	14,09	95
	1.5+3.5+3.5+7.1	0,87	2,02	2,02	4,10	---	3,66	9,00	10,71	0,65	2,22	3,71	2,99	10,17	16,99	95
	1.5+3.5+4.2+4.2	1,01	2,35	2,82	2,82	---	3,35	9,00	9,52	0,63	2,32	3,00	2,86	10,62	13,73	95
	1.5+3.5+4.2+5.0	0,95	2,22	2,66	3,17	---	3,46	9,00	9,70	0,65	2,26	3,02	2,99	10,35	13,81	95
	1.5+3.5+4.2+6.0	0,89	2,07	2,49	3,55	---	3,60	9,00	10,68	0,65	2,24	3,71	2,99	10,26	16,99	95
	1.5+3.5+5.0+5.0	0,90	2,10	3,00	3,00	---	3,57	9,00	10,47	0,65	2,25	3,73	2,99	10,30	17,07	95
	1.5+4.2+4.2+4.2	0,96	---	2,68	2,68	2,68	3,45	9,00	9,53	0,65	2,31	3,00	2,99	10,58	13,73	95
	1.5+4.2+4.2+5.0	0,91	---	2,54	2,54	3,02	3,56	9,00	10,29	0,65	2,25	3,69	2,99	10,30	16,90	95
	2.0+2.0+2.0+2.0	1,88	1,88	1,88	1,88	---	2,55	7,50	8,12	0,50	1,63	2,06	2,27	7,46	9,45	95
	2.0+2.0+2.0+2.5	1,88	1,88	1,88	2,35	---	2,63	8,00	8,42	0,50	1,90	2,23	2,27	8,70	10,18	95
	2.0+2.0+2.0+3.5	1,68	1,68	1,68	2,95	---	2,77	8,00	8,96	0,53	1,89	2,51	2,44	8,65	11,49	95
	2.0+2.0+2.0+4.2	1,67	1,67	1,67	3,50	---	2,88	8,50	9,30	0,56	2,33	2,87	2,57	10,67	13,12	95
	2.0+2.0+2.0+5.0	1,64	1,64	1,64	4,09	---	2,99	9,00	9,49	0,56	2,54	2,89	2,57	11,63	13,24	95
	2.0+2.0+2.0+6.0	1,50	1,50	1,50	4,50	---	3,14	9,00	10,01	0,60	2,50	3,01	2,74	11,45	13,77	95
	2.0+2.0+2.0+7.1	1,37	1,37	1,37	4,88	---	3,30	9,00	10,16	0,60	2,48	3,08	2,74	11,36	14,09	95
	2.0+2.0+2.5+2.5	1,73	1,73	2,17	2,17	---	2,70	7,80	8,70	0,53	1,81	2,39	2,44	8,29	10,96	95
	2.0+2.0+2.5+3.5	1,70	1,70	2,13	2,98	---	2,85	8,50	9,21	0,53	2,33	2,87	2,44	10,67	13,12	95
	2.0+2.0+2.5+4.2	1,68	1,68	2,10	3,53	---	2,95	9,00	9,31	0,56	2,61	2,87	2,57	11,95	13,12	95
	2.0+2.0+2.5+5.0	1,57	1,57	1,96	3,91	---	3,07	9,00	9,68	0,59	2,54	3,02	2,69	11,63	13,81	95
	2.0+2.0+2.5+6.0	1,44	1,44	1,80	4,32	---	3,21	9,00	10,14	0,60	2,50	3,08	2,74	11,45	14,09	95
	2.0+2.0+2.5+7.1	1,32	1,32	1,65	4,70	---	3,38	9,00	10,16	0,63	2,47	3,08	2,86	11,31	14,09	95
	2.0+2.0+3.5+3.5	1,64	1,64	2,86	2,86	---	2,99	9,00	9,31	0,56	2,46	2,87	2,57	11,26	13,12	95
	2.0+2.0+3.5+4.2	1,54	1,54	2,69	3,23	---	3,10	9,00	9,51	0,59	2,44	2,99	2,69	11,17	13,69	95
	2.0+2.0+3.5+5.0	1,44	1,44	2,52	3,60	---	3,21	9,00	9,68	0,59	2,38	3,02	2,69	10,90	13,81	95
	2.0+2.0+3.5+6.0	1,33	1,33	2,33	4,00	---	3,36	9,00	10,15	0,63	2,35	3,08	2,86	10,76	14,09	95
	2.0+2.0+3.5+7.1	1,23	1,23	2,16	4,38	---	3,51	9,00	10,17	0,65	2,32	3,08	2,99	10,62	14,09	95
	2.0+2.0+4.2+4.2	1,45	1,45	3,05	3,05	---	3,20	9,00	9,52	0,59	2,43	2,99	2,69	11,13	13,69	95
	2.0+2.0+4.2+5.0	1,36	1,36	2,86	3,41	---	3,32	9,00	9,69	0,63	2,37	3,02	2,86	10,85	13,81	95
	2.0+2.0+4.2+6.0	1,27	1,27	2,66	3,80	---	3,46	9,00	10,16	0,63	2,33	3,08	2,86	10,67	14,09	95
	2.0+2.0+4.2+7.1	1,18	1,18	2,47	4,18	---	3,62	9,00	10,68	0,65	2,31	3,57	2,99	10,58	16,33	95
	2.0+2.0+5.0+5.0	1,29	1,29	3,21	3,21	---	3,43	9,00	9,87	0,63	2,35	3,04	2,86	10,76	13,93	95
	2.0+2.0+5.0+6.0	1,20	1,20	3,00	3,60	---	3,57	9,00	10,66	0,65	2,32	3,45	2,99	10,62	15,80	95
	2.0+2.5+2.5+2.5	1,68	2,11	2,11	2,11	---	2,77	8,00	8,96	0,53	1,89	2,51	2,44	8,65	11,49	95
	2.0+2.5+2.5+3.5	1,66	2,07	2,07	2,90	---	2,92	8,70	9,30	0,56	2,39	2,87	2,57	10,94	13,12	95
	2.0+2.5+2.5+4.2	1,61	2,01	2,01	3,38	---	3,02	9,00	9,50	0,56	2,61	2,99	2,57	11,95	13,69	95
	2.0+2.5+2.5+5.0	1,50	1,88	1,88	3,75	---	3,14	9,00	9,68	0,59	2,54	3,02	2,69	11,63	13,81	95
	2.0+2.5+2.5+6.0	1,38	1,73	1,73	4,15	---	3,29	9,00	10,14	0,60	2,50	3,08	2,74	11,45	14,09	95
	2.0+2.5+2.5+7.1	1,28	1,60	1,60	4,53	---	3,45	9,00	10,16	0,63	2,47	3,08	2,86	11,31	14,09	95

Notes

1. The total capacity of each connected indoor unit is up to 15.3kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103909

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	2.0+2.5+3.5+3.5	1,57	1,96	2,74	2,74	---	3,07	9,00	9,50	0,59	2,46	2,99	2,69	11,26	13,69	95
	2.0+2.5+3.5+4.2	1,48	1,84	2,58	3,10	---	3,17	9,00	9,51	0,59	2,44	2,99	2,69	11,17	13,69	95
	2.0+2.5+3.5+5.0	1,38	1,73	2,42	3,46	---	3,29	9,00	9,68	0,63	2,38	3,02	2,86	10,90	13,81	95
	2.0+2.5+3.5+6.0	1,29	1,61	2,25	3,86	---	3,43	9,00	10,15	0,63	2,35	3,08	2,86	10,76	14,09	95
	2.0+2.5+3.5+7.1	1,19	1,49	2,09	4,23	---	3,59	9,00	10,63	0,65	2,32	3,57	2,99	10,62	16,33	95
	2.0+2.5+4.2+4.2	1,40	1,74	2,93	2,93	---	3,27	9,00	9,52	0,63	2,43	2,99	2,86	11,13	13,69	95
	2.0+2.5+4.2+5.0	1,31	1,64	2,76	3,28	---	3,39	9,00	9,69	0,63	2,37	3,02	2,86	10,85	13,81	95
	2.0+2.5+4.2+6.0	1,22	1,53	2,57	3,67	---	3,53	9,00	10,62	0,65	2,33	3,56	2,99	10,67	16,29	95
	2.0+2.5+5.0+5.0	1,24	1,55	3,10	3,10	---	3,50	9,00	9,87	0,65	2,35	3,04	2,99	10,76	13,93	95
	2.0+2.5+5.0+6.0	1,16	1,45	2,90	3,48	---	3,65	9,00	10,70	0,65	2,32	3,52	2,99	10,62	16,13	95
	2.0+3.5+3.5+3.5	1,44	2,52	2,52	2,52	---	3,21	9,00	9,51	0,63	2,43	2,99	2,86	11,13	13,69	95
	2.0+3.5+3.5+4.2	1,36	2,39	2,39	2,86	---	3,32	9,00	9,52	0,63	2,42	2,99	2,86	11,08	13,69	95
	2.0+3.5+3.5+5.0	1,29	2,25	2,25	3,21	---	3,43	9,00	9,69	0,65	2,35	3,02	2,99	10,76	13,81	95
	2.0+3.5+3.5+6.0	1,20	2,10	2,10	3,60	---	3,57	9,00	10,61	0,65	2,32	3,57	2,99	10,62	16,33	95
	2.0+3.5+4.2+4.2	1,29	2,27	2,72	2,72	---	3,42	9,00	9,52	0,65	2,40	3,00	2,99	10,99	13,73	95
	2.0+3.5+4.2+5.0	1,22	2,14	2,57	3,06	---	3,53	9,00	10,20	0,65	2,34	3,55	2,99	10,71	16,25	95
	2.0+3.5+5.0+5.0	1,16	2,03	2,90	2,90	---	3,65	9,00	10,47	0,69	2,34	3,73	3,16	10,71	17,07	95
	2.0+4.2+4.2+4.2	1,23	---	2,59	2,59	2,59	3,51	9,00	9,53	0,65	2,39	3,00	2,99	10,94	13,73	95
	2.0+4.2+4.2+5.0	1,17	---	2,45	2,45	2,92	3,63	9,00	10,21	0,69	2,33	3,55	3,16	10,67	16,25	95
	2.5+2.5+2.5+2.5	2,13	2,13	2,13	2,13	---	2,85	8,50	9,21	0,53	2,28	2,87	2,44	10,44	13,12	95
	2.5+2.5+2.5+3.5	2,05	2,05	2,05	2,86	---	2,99	9,00	9,30	0,56	2,48	2,87	2,57	11,36	13,12	95
	2.5+2.5+2.5+4.2	1,92	1,92	1,92	3,23	---	3,10	9,00	9,50	0,59	2,47	2,99	2,69	11,31	13,69	95
	2.5+2.5+2.5+5.0	1,80	1,80	1,80	3,60	---	3,21	9,00	9,68	0,59	2,40	3,02	2,69	10,99	13,81	95
	2.5+2.5+2.5+6.0	1,67	1,67	1,67	4,00	---	3,36	9,00	10,14	0,63	2,37	3,08	2,86	10,85	14,09	95
	2.5+2.5+2.5+7.1	1,54	1,54	1,54	4,38	---	3,51	9,00	10,16	0,65	2,34	3,08	2,99	10,71	14,09	95
	2.5+2.5+3.5+3.5	1,88	1,88	2,63	2,63	---	3,14	9,00	9,50	0,59	2,47	2,99	2,69	11,31	13,69	95
	2.5+2.5+3.5+4.2	1,77	1,77	2,48	2,98	---	3,24	9,00	9,51	0,63	2,46	2,99	2,86	11,26	13,69	95
	2.5+2.5+3.5+5.0	1,67	1,67	2,33	3,33	---	3,36	9,00	9,68	0,63	2,39	3,02	2,86	10,94	13,81	95
	2.5+2.5+3.5+6.0	1,55	1,55	2,17	3,72	---	3,50	9,00	10,15	0,65	2,36	3,08	2,99	10,81	14,09	95
	2.5+2.5+3.5+7.1	1,44	1,44	2,02	4,10	---	3,66	9,00	10,63	0,65	2,33	3,57	2,99	10,67	16,33	95
	2.5+2.5+4.2+4.2	1,68	1,68	2,82	2,82	---	3,35	9,00	9,52	0,63	2,44	2,99	2,86	11,17	13,69	95
	2.5+2.5+4.2+5.0	1,58	1,58	2,66	3,17	---	3,46	9,00	9,69	0,65	2,38	3,02	2,99	10,90	13,81	95
	2.5+2.5+4.2+6.0	1,48	1,48	2,49	3,55	---	3,60	9,00	10,68	0,65	2,35	3,56	2,99	10,76	16,29	95
	2.5+2.5+5.0+5.0	1,50	1,50	3,00	3,00	---	3,57	9,00	10,46	0,65	2,37	3,72	2,99	10,85	17,03	95
	2.5+3.5+3.5+3.5	1,73	2,42	2,42	2,42	---	3,29	9,00	9,53	0,63	2,46	2,99	2,86	11,26	13,69	95
	2.5+3.5+3.5+4.2	1,64	2,30	2,30	2,76	---	3,39	9,00	9,52	0,65	2,44	2,99	2,99	11,17	13,69	95
	2.5+3.5+3.5+5.0	1,55	2,17	2,17	3,10	---	3,50	9,00	9,69	0,65	2,38	3,02	2,99	10,90	13,81	95
	2.5+3.5+3.5+6.0	1,45	2,03	2,03	3,48	---	3,65	9,00	10,61	0,65	2,35	3,57	2,99	10,76	16,33	95
	2.5+3.5+4.2+4.2	1,56	2,19	2,63	2,63	---	3,48	9,00	9,52	0,65	2,43	3,00	2,99	11,13	13,73	95
	2.5+3.5+4.2+5.0	1,48	2,07	2,49	2,96	---	3,60	9,00	10,20	0,69	2,37	3,55	3,16	10,85	16,25	95
	2.5+4.2+4.2+4.2	1,56	2,19	2,63	2,63	---	3,59	9,00	10,03	0,69	2,42	3,52	3,16	11,08	16,09	95
	3.5+3.5+3.5+3.5	2,25	2,25	2,25	2,25	---	3,43	9,00	9,51	0,65	2,44	2,99	2,99	11,17	13,69	95
	3.5+3.5+3.5+4.2	2,14	2,14	2,14	2,57	---	3,53	9,00	10,02	0,69	2,43	3,52	3,16	11,13	16,09	95
	3.5+3.5+3.5+5.0	2,03	2,03	2,03	2,90	---	3,65	9,00	10,15	0,69	2,37	3,48	3,16	10,85	15,93	95

Notes

1. The total capacity of each connected indoor unit is up to 15.5kW.
2. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103910

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	3.5+3.5+4.2+4.2	2,05	2,05	2,45	2,45	---	3,63	9,00	10,03	0,69	2,42	3,52	3,16	11,08	16,09	95
	1.5+1.5+1.5+1.5+1.5	1,50	1,50	1,50	1,50	1,50	2,48	7,50	7,79	0,48	1,55	1,79	2,19	7,10	8,19	95
	1.5+1.5+1.5+1.5+2.0	1,41	1,41	1,41	1,41	1,88	2,55	7,50	8,12	0,48	1,55	1,94	2,19	7,10	8,88	95
	1.5+1.5+1.5+1.5+2.5	1,41	1,41	1,41	1,41	2,35	2,63	8,00	8,42	0,51	1,75	2,10	2,32	8,01	9,61	95
	1.5+1.5+1.5+1.5+3.5	1,26	1,26	1,26	1,26	2,95	2,77	8,00	8,96	0,53	1,73	2,39	2,44	7,92	10,92	95
	1.5+1.5+1.5+1.5+4.2	1,32	1,32	1,32	1,32	3,71	2,88	9,00	9,30	0,53	2,20	2,56	2,44	10,07	11,73	95
	1.5+1.5+1.5+1.5+5.0	1,23	1,23	1,23	1,23	4,09	2,99	9,00	9,64	0,56	2,15	2,64	2,57	9,84	12,10	95
	1.5+1.5+1.5+1.5+6.0	1,13	1,13	1,13	1,13	4,50	3,14	9,00	10,01	0,57	2,12	2,69	2,61	9,71	12,30	95
	1.5+1.5+1.5+1.5+7.1	1,03	1,03	1,03	1,03	4,88	3,30	9,00	10,32	0,60	2,10	2,82	2,74	9,62	12,91	95
	1.5+1.5+1.5+2.0+2.0	1,41	1,41	1,41	1,88	1,88	2,63	8,00	8,42	0,51	1,75	2,10	2,32	8,01	9,61	95
	1.5+1.5+1.5+2.0+2.5	1,33	1,33	1,33	1,78	2,22	2,70	8,00	8,70	0,51	1,75	2,22	2,32	8,01	10,14	95
	1.5+1.5+1.5+2.0+3.5	1,28	1,28	1,28	1,70	2,98	2,85	8,50	9,21	0,53	1,95	2,50	2,44	8,93	11,45	95
	1.5+1.5+1.5+2.0+4.2	1,26	1,26	1,26	1,68	3,53	2,95	9,00	9,52	0,53	2,06	2,69	2,44	9,43	12,30	95
	1.5+1.5+1.5+2.0+5.0	1,17	1,17	1,17	1,57	3,91	3,07	9,00	9,83	0,56	2,02	2,78	2,57	9,25	12,71	95
	1.5+1.5+1.5+2.0+6.0	1,08	1,08	1,08	1,44	4,32	3,21	9,00	10,16	0,57	2,00	2,75	2,61	9,16	12,59	95
	1.5+1.5+1.5+2.0+7.1	0,99	0,99	0,99	1,32	4,70	3,38	9,00	10,43	0,60	1,97	2,96	2,74	9,02	13,56	95
	1.5+1.5+1.5+2.5+2.5	1,26	1,26	1,26	2,11	2,11	2,77	8,00	8,96	0,53	1,74	2,39	2,44	7,97	10,92	95
	1.5+1.5+1.5+2.5+3.5	1,24	1,24	1,24	2,07	2,90	2,92	8,70	9,44	0,53	2,06	2,63	2,44	9,43	12,02	95
	1.5+1.5+1.5+2.5+4.2	1,21	1,21	1,21	2,01	3,38	3,02	9,00	9,72	0,56	2,19	2,82	2,57	10,03	12,91	95
	1.5+1.5+1.5+2.5+5.0	1,13	1,13	1,13	1,88	3,75	3,14	9,00	10,01	0,56	2,14	2,90	2,57	9,80	13,28	95
	1.5+1.5+1.5+2.5+6.0	1,04	1,04	1,04	1,73	4,15	3,29	9,00	10,29	0,60	2,11	2,82	2,74	9,66	12,91	95
	1.5+1.5+1.5+2.5+7.1	0,96	0,96	0,96	1,60	4,53	3,45	9,00	10,53	0,60	2,09	2,96	2,74	9,57	13,56	95
	1.5+1.5+1.5+3.5+3.5	1,17	1,17	1,17	2,74	2,74	3,07	9,00	9,83	0,56	2,18	2,88	2,57	9,98	13,20	95
	1.5+1.5+1.5+3.5+4.2	1,11	1,11	1,11	2,58	3,10	3,17	9,00	10,07	0,60	2,17	3,02	2,74	9,94	13,81	95
	1.5+1.5+1.5+3.5+5.0	1,04	1,04	1,04	2,42	3,46	3,29	9,00	10,29	0,60	2,12	3,11	2,74	9,71	14,22	95
	1.5+1.5+1.5+3.5+6.0	0,96	0,96	0,96	2,25	3,86	3,43	9,00	10,52	0,60	2,09	2,95	2,74	9,57	13,52	95
	1.5+1.5+1.5+3.5+7.1	0,89	0,89	0,89	2,09	4,23	3,59	9,00	10,67	0,63	2,07	3,10	2,86	9,48	14,17	95
	1.5+1.5+1.5+4.2+4.2	1,05	1,05	1,05	2,93	2,93	3,27	9,00	10,19	0,60	2,16	3,09	2,74	9,89	14,13	95
	1.5+1.5+1.5+4.2+5.0	0,99	0,99	0,99	2,76	3,28	3,39	9,00	10,36	0,63	2,11	3,11	2,86	9,66	14,22	95
	1.5+1.5+1.5+4.2+6.0	0,92	0,92	0,92	2,57	3,67	3,53	9,00	10,62	0,63	2,08	3,03	2,86	9,52	13,85	95
	1.5+1.5+1.5+5.0+5.0	0,93	0,93	0,93	3,10	3,10	3,50	9,00	10,55	0,63	2,10	3,13	2,86	9,62	14,34	95
	1.5+1.5+1.5+5.0+6.0	0,87	0,87	0,87	2,90	3,48	3,65	9,00	10,70	0,63	2,07	2,98	2,86	9,48	13,65	95
	1.5+1.5+2.0+2.0+2.0	1,30	1,30	1,73	1,73	1,73	2,70	7,80	8,70	0,51	1,65	2,22	2,32	7,56	10,14	95
	1.5+1.5+2.0+2.0+2.5	1,26	1,26	1,68	1,68	2,11	2,77	8,00	8,96	0,53	1,74	2,39	2,44	7,97	10,92	95
	1.5+1.5+2.0+2.0+3.5	1,24	1,24	1,66	1,66	2,90	2,92	8,70	9,44	0,53	2,05	2,63	2,44	9,39	12,02	95
	1.5+1.5+2.0+2.0+4.2	1,21	1,21	1,61	1,61	3,38	3,02	9,00	9,72	0,56	2,18	2,82	2,57	9,98	12,91	95
	1.5+1.5+2.0+2.0+5.0	1,13	1,13	1,50	1,50	3,75	3,14	9,00	10,01	0,56	2,13	2,90	2,57	9,75	13,28	95
	1.5+1.5+2.0+2.0+6.0	1,04	1,04	1,38	1,38	4,15	3,29	9,00	10,29	0,60	2,10	2,82	2,74	9,62	12,91	95
	1.5+1.5+2.0+2.0+7.1	0,96	0,96	1,28	1,28	4,53	3,45	9,00	10,53	0,60	2,08	2,96	2,74	9,52	13,56	95
	1.5+1.5+2.0+2.5+2.5	1,28	1,28	1,70	2,13	2,13	2,85	8,50	9,21	0,53	1,84	2,50	2,44	8,43	11,45	95
	1.5+1.5+2.0+2.5+3.5	1,23	1,23	1,64	2,05	2,86	2,99	9,00	9,64	0,56	2,18	2,75	2,57	9,98	12,59	95
	1.5+1.5+2.0+2.5+4.2	1,15	1,15	1,54	1,92	3,23	3,10	9,00	9,90	0,56	2,17	2,95	2,57	9,94	13,48	95
	1.5+1.5+2.0+2.5+5.0	1,08	1,08	1,44	1,80	3,60	3,21	9,00	10,16	0,60	2,12	3,03	2,74	9,71	13,89	95
	1.5+1.5+2.0+2.5+6.0	1,00	1,00	1,33	1,67	4,00	3,36	9,00	10,41	0,60	2,09	2,95	2,74	9,57	13,52	95

Notes

1. The total capacity of each connected indoor unit is up to 15.5kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103911

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1.5+1.5+2.0+2.5+7.1	0,92	0,92	1,23	1,54	4,38	3,51	9,00	10,61	0,63	2,07	3,03	2,86	9,48	13,85	95
	1.5+1.5+2.0+3.5+3.5	1,13	1,13	1,50	2,63	2,63	3,14	9,00	10,01	0,56	2,17	3,02	2,57	9,94	13,81	95
	1.5+1.5+2.0+3.5+4.2	1,06	1,06	1,42	2,48	2,98	3,24	9,00	10,18	0,60	2,16	3,08	2,74	9,89	14,09	95
	1.5+1.5+2.0+3.5+5.0	1,00	1,00	1,33	2,33	3,33	3,36	9,00	10,36	0,60	2,11	3,11	2,74	9,66	14,22	95
	1.5+1.5+2.0+3.5+6.0	0,93	0,93	1,24	2,17	3,72	3,50	9,00	10,59	0,63	2,08	3,03	2,86	9,52	13,85	95
	1.5+1.5+2.0+3.5+7.1	0,87	0,87	1,15	2,02	4,10	3,66	9,00	10,71	0,65	2,06	3,10	2,99	9,43	14,17	95
	1.5+1.5+2.0+4.2+4.2	1,01	1,01	1,34	2,82	2,82	3,35	9,00	10,19	0,63	2,15	3,09	2,86	9,84	14,13	95
	1.5+1.5+2.0+4.2+5.0	0,95	0,95	1,27	2,66	3,17	3,46	9,00	10,36	0,63	2,10	3,11	2,86	9,62	14,22	95
	1.5+1.5+2.0+4.2+6.0	0,89	0,89	1,18	2,49	3,55	3,60	9,00	10,68	0,63	2,07	3,10	2,86	9,48	14,17	95
	1.5+1.5+2.0+5.0+5.0	0,90	0,90	1,20	3,00	3,00	3,57	9,00	10,66	0,63	2,00	3,28	2,86	9,16	14,99	95
	1.5+1.5+2.5+2.5+2.5	1,24	1,24	2,07	2,07	2,07	2,92	8,70	9,44	0,53	2,04	2,63	2,44	9,34	12,02	95
	1.5+1.5+2.5+2.5+3.5	1,17	1,17	1,96	1,96	2,74	3,07	9,00	9,83	0,56	2,17	2,88	2,57	9,94	13,20	95
	1.5+1.5+2.5+2.5+4.2	1,11	1,11	1,84	1,84	3,10	3,17	9,00	10,07	0,60	2,16	3,02	2,74	9,89	13,81	95
	1.5+1.5+2.5+2.5+5.0	1,04	1,04	1,73	1,73	3,46	3,29	9,00	10,29	0,60	2,11	3,11	2,74	9,66	14,22	95
	1.5+1.5+2.5+2.5+6.0	0,96	0,96	1,61	1,61	3,86	3,43	9,00	10,52	0,60	2,08	3,03	2,74	9,52	13,85	95
	1.5+1.5+2.5+2.5+7.1	0,89	0,89	1,49	1,49	4,23	3,59	9,00	10,67	0,63	2,06	3,10	2,86	9,43	14,17	95
	1.5+1.5+2.5+3.5+3.5	1,08	1,08	1,80	2,52	2,52	3,21	9,00	10,16	0,60	2,16	3,08	2,74	9,89	14,09	95
	1.5+1.5+2.5+3.5+4.2	1,02	1,02	1,70	2,39	2,86	3,32	9,00	10,18	0,60	2,15	3,08	2,74	9,84	14,09	95
	1.5+1.5+2.5+3.5+5.0	0,96	0,96	1,61	2,25	3,21	3,43	9,00	10,36	0,63	2,10	3,11	2,86	9,62	14,22	95
	1.5+1.5+2.5+3.5+6.0	0,90	0,90	1,50	2,10	3,60	3,57	9,00	10,66	0,63	2,07	3,10	2,86	9,48	14,17	95
	1.5+1.5+2.5+4.2+4.2	0,97	0,97	1,62	2,72	2,72	3,42	9,00	10,19	0,63	2,14	3,09	2,86	9,80	14,13	95
	1.5+1.5+2.5+4.2+5.0	0,92	0,92	1,53	2,57	3,06	3,53	9,00	10,62	0,63	2,09	3,39	2,86	9,57	15,52	95
	1.5+1.5+2.5+5.0+5.0	0,87	0,87	1,45	2,90	2,90	3,65	9,00	10,70	0,65	2,02	3,28	2,99	9,25	14,99	95
	1.5+1.5+3.5+3.5+3.5	1,00	1,00	2,33	2,33	2,33	3,36	9,00	10,18	0,63	2,15	3,08	2,86	9,84	14,09	95
	1.5+1.5+3.5+3.5+4.2	0,95	0,95	2,22	2,22	2,66	3,46	9,00	10,19	0,63	2,14	3,09	2,86	9,80	14,13	95
	1.5+1.5+3.5+3.5+5.0	0,90	0,90	2,10	2,10	3,00	3,57	9,00	10,66	0,65	2,09	3,38	2,99	9,57	15,48	95
	1.5+1.5+3.5+4.2+4.2	0,91	0,91	2,11	2,54	2,54	3,56	9,00	10,65	0,65	2,13	3,57	2,99	9,75	16,33	95
	1.5+2.0+2.0+2.0+2.0	1,26	1,68	1,68	1,68	1,68	2,77	8,00	8,96	0,53	1,73	2,39	2,44	7,92	10,92	95
	1.5+2.0+2.0+2.0+2.5	1,28	1,70	1,70	1,70	2,13	2,85	8,50	9,21	0,53	1,83	2,50	2,44	8,38	11,45	95
	1.5+2.0+2.0+2.0+3.5	1,23	1,64	1,64	1,64	2,86	2,99	9,00	9,64	0,56	2,17	2,75	2,57	9,94	12,59	95
	1.5+2.0+2.0+2.0+4.2	1,15	1,54	1,54	1,54	3,23	3,10	9,00	9,90	0,56	2,16	2,95	2,57	9,89	13,48	95
	1.5+2.0+2.0+2.0+5.0	1,08	1,44	1,44	1,44	3,60	3,21	9,00	10,16	0,60	2,11	3,03	2,74	9,66	13,89	95
	1.5+2.0+2.0+2.0+6.0	1,00	1,33	1,33	1,33	4,00	3,36	9,00	10,41	0,60	2,08	2,95	2,74	9,52	13,52	95
	1.5+2.0+2.0+2.0+7.1	0,92	1,23	1,23	1,23	4,38	3,51	9,00	10,61	0,63	2,06	3,03	2,86	9,43	13,85	95
	1.5+2.0+2.0+2.5+2.5	1,24	1,66	1,66	2,07	2,07	2,92	8,70	9,44	0,53	1,87	2,63	2,44	8,56	12,02	95
	1.5+2.0+2.0+2.5+3.5	1,17	1,57	1,57	1,96	2,74	3,07	9,00	9,83	0,56	1,92	2,88	2,57	8,79	13,20	95
	1.5+2.0+2.0+2.5+4.2	1,11	1,48	1,48	1,84	3,10	3,17	9,00	10,07	0,60	1,91	3,02	2,74	8,75	13,81	95
	1.5+2.0+2.0+2.5+5.0	1,04	1,38	1,38	1,73	3,46	3,29	9,00	10,29	0,60	1,87	3,11	2,74	8,56	14,22	95
	1.5+2.0+2.0+2.5+6.0	0,96	1,29	1,29	1,61	3,86	3,43	9,00	10,52	0,60	1,85	3,03	2,74	8,47	13,85	95
	1.5+2.0+2.0+2.5+7.1	0,89	1,19	1,19	1,49	4,23	3,59	9,00	10,67	0,63	1,83	3,10	2,86	8,38	14,17	95
	1.5+2.0+2.0+3.5+3.5	1,08	1,44	1,44	2,52	2,52	3,21	9,00	10,16	0,60	1,91	3,08	2,74	8,75	14,09	95
	1.5+2.0+2.0+3.5+4.2	1,02	1,36	1,36	2,39	2,86	3,32	9,00	10,18	0,60	1,90	3,08	2,74	8,70	14,09	95
	1.5+2.0+2.0+3.5+5.0	0,96	1,29	1,29	2,25	3,21	3,43	9,00	10,36	0,63	1,86	3,11	2,86	8,52	14,22	95
	1.5+2.0+2.0+3.5+6.0	0,90	1,20	1,20	2,10	3,60	3,57	9,00	10,66	0,63	1,84	3,10	2,86	8,43	14,17	95

Notes

1. The total capacity of each connected indoor unit is up to 15.5kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103912

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1.5+2.0+2.0+4.2+4.2	0,97	1,29	1,29	2,72	2,72	3,42	9,00	10,19	0,63	1,89	3,09	2,86	8,65	14,13	95
	1.5+2.0+2.0+4.2+5.0	0,92	1,22	1,22	2,57	3,06	3,53	9,00	10,62	0,63	1,85	3,39	2,86	8,47	15,52	95
	1.5+2.0+2.0+5.0+5.0	0,87	1,16	1,16	2,90	2,90	3,65	9,00	10,70	0,65	1,85	3,28	2,99	8,47	14,99	95
	1.5+2.0+2.5+2.5+2.5	1,23	1,64	2,05	2,05	2,05	2,99	9,00	9,64	0,56	1,92	2,75	2,57	8,79	12,59	95
	1.5+2.0+2.5+2.5+3.5	1,13	1,50	1,88	1,88	2,63	3,14	9,00	10,01	0,56	1,90	3,02	2,57	8,70	13,81	95
	1.5+2.0+2.5+2.5+4.2	1,06	1,42	1,77	1,77	2,98	3,24	9,00	10,17	0,60	1,89	3,08	2,74	8,65	14,09	95
	1.5+2.0+2.5+2.5+5.0	1,00	1,33	1,67	1,67	3,33	3,36	9,00	10,35	0,60	1,85	3,11	2,74	8,47	14,22	95
	1.5+2.0+2.5+2.5+6.0	0,93	1,24	1,55	1,55	3,72	3,50	9,00	10,59	0,63	1,83	3,03	2,86	8,38	13,85	95
	1.5+2.0+2.5+2.5+7.1	0,87	1,15	1,44	1,44	4,10	3,66	9,00	10,71	0,65	1,82	3,10	2,99	8,33	14,17	95
	1.5+2.0+2.5+3.5+3.5	1,04	1,38	1,73	2,42	2,42	3,29	9,00	10,17	0,60	1,89	3,08	2,74	8,65	14,09	95
	1.5+2.0+2.5+3.5+4.2	0,99	1,31	1,64	2,30	2,76	3,39	9,00	10,18	0,63	1,88	3,08	2,86	8,61	14,09	95
	1.5+2.0+2.5+3.5+5.0	0,93	1,24	1,55	2,17	3,10	3,50	9,00	10,36	0,63	1,85	3,11	2,86	8,47	14,22	95
	1.5+2.0+2.5+3.5+6.0	0,87	1,16	1,45	2,03	3,48	3,65	9,00	10,70	0,65	1,83	3,10	2,99	8,38	14,17	95
	1.5+2.0+2.5+4.2+4.2	0,94	1,25	1,56	2,63	2,63	3,48	9,00	10,19	0,63	1,88	3,09	2,86	8,61	14,13	95
	1.5+2.0+2.5+4.2+5.0	0,89	1,18	1,48	2,49	2,96	3,60	9,00	10,68	0,65	1,84	3,46	2,99	8,43	15,84	95
	1.5+2.0+3.5+3.5+3.5	0,96	1,29	2,25	2,25	2,25	3,43	9,00	10,18	0,63	1,88	3,08	2,86	8,61	14,09	95
	1.5+2.0+3.5+3.5+4.2	0,92	1,22	2,14	2,14	2,57	3,53	9,00	10,62	0,65	1,88	3,57	2,99	8,61	16,33	95
	1.5+2.0+3.5+3.5+5.0	0,87	1,16	2,03	2,03	2,90	3,65	9,00	10,70	0,65	1,84	3,45	2,99	8,43	15,80	95
	1.5+2.0+3.5+4.2+4.2	0,88	1,17	2,05	2,45	2,45	3,63	9,00	10,69	0,65	1,87	3,64	2,99	8,56	16,66	95
	1.5+2.5+2.5+2.5+2.5	1,17	1,96	1,96	1,96	1,96	3,07	9,00	9,83	0,56	1,91	2,88	2,57	8,75	13,20	95
	1.5+2.5+2.5+2.5+3.5	1,08	1,80	1,80	1,80	2,52	3,21	9,00	10,16	0,60	1,89	3,08	2,74	8,65	14,09	95
	1.5+2.5+2.5+2.5+4.2	1,02	1,70	1,70	1,70	2,86	3,32	9,00	10,17	0,60	1,88	3,08	2,74	8,61	14,09	95
	1.5+2.5+2.5+2.5+5.0	0,96	1,61	1,61	1,61	3,21	3,43	9,00	10,35	0,63	1,85	3,11	2,86	8,47	14,22	95
	1.5+2.5+2.5+2.5+6.0	0,90	1,50	1,50	1,50	3,60	3,57	9,00	10,66	0,63	1,83	3,10	2,86	8,38	14,17	95
	1.5+2.5+2.5+3.5+3.5	1,00	1,67	1,67	2,33	2,33	3,36	9,00	10,17	0,63	1,88	3,08	2,86	8,61	14,09	95
	1.5+2.5+2.5+3.5+4.2	0,95	1,58	1,58	2,22	2,66	3,46	9,00	10,18	0,63	1,88	3,08	2,86	8,61	14,09	95
	1.5+2.5+2.5+3.5+5.0	0,90	1,50	1,50	2,10	3,00	3,57	9,00	10,66	0,65	1,84	3,38	2,99	8,43	15,48	95
	1.5+2.5+2.5+4.2+4.2	0,91	1,51	1,51	2,54	2,54	3,56	9,00	10,65	0,65	1,87	3,64	2,99	8,56	16,66	95
	1.5+2.5+3.5+3.5+3.5	0,93	1,55	2,17	2,17	2,17	3,50	9,00	10,18	0,63	1,88	3,08	2,86	8,61	14,09	95
	1.5+2.5+3.5+3.5+4.2	0,89	1,48	2,07	2,07	2,49	3,60	9,00	10,68	0,65	1,87	3,64	2,99	8,56	16,66	95
	1.5+3.5+3.5+3.5+3.5	0,87	2,03	2,03	2,03	2,03	3,65	9,00	10,70	0,65	1,87	3,71	2,99	8,56	16,99	95
	2.0+2.0+2.0+2.0+2.0	1,70	1,70	1,70	1,70	1,70	2,85	8,50	9,21	0,53	1,83	2,50	2,44	8,38	11,45	95
	2.0+2.0+2.0+2.0+2.5	1,66	1,66	1,66	1,66	2,07	2,92	8,70	9,44	0,53	2,03	2,63	2,44	9,30	12,02	95
	2.0+2.0+2.0+2.0+3.5	1,57	1,57	1,57	1,57	2,74	3,07	9,00	9,83	0,56	1,90	2,88	2,57	8,70	13,20	95
	2.0+2.0+2.0+2.0+4.2	1,48	1,48	1,48	1,48	3,10	3,17	9,00	10,07	0,60	1,89	3,02	2,74	8,65	13,81	95
	2.0+2.0+2.0+2.0+5.0	1,38	1,38	1,38	1,38	3,46	3,29	9,00	10,29	0,60	1,85	3,11	2,74	8,47	14,22	95
	2.0+2.0+2.0+2.0+6.0	1,29	1,29	1,29	1,29	3,86	3,43	9,00	10,52	0,60	1,83	3,03	2,74	8,38	13,85	95
	2.0+2.0+2.0+2.0+7.1	1,19	1,19	1,19	1,19	4,23	3,59	9,00	10,67	0,63	1,82	3,10	2,86	8,33	14,17	95
	2.0+2.0+2.0+2.5+2.5	1,64	1,64	1,64	2,05	2,05	2,99	9,00	9,64	0,56	2,09	2,75	2,57	9,57	12,59	95
	2.0+2.0+2.0+2.5+3.5	1,50	1,50	1,50	1,88	2,63	3,14	9,00	10,01	0,56	2,07	3,02	2,57	9,48	13,81	95
	2.0+2.0+2.0+2.5+4.2	1,42	1,42	1,42	1,77	2,98	3,24	9,00	10,17	0,60	2,06	3,08	2,74	9,43	14,09	95
	2.0+2.0+2.0+2.5+5.0	1,33	1,33	1,33	1,67	3,33	3,36	9,00	10,35	0,60	2,01	3,11	2,74	9,20	14,22	95
	2.0+2.0+2.0+2.5+6.0	1,24	1,24	1,24	1,55	3,72	3,50	9,00	10,59	0,63	1,99	3,03	2,86	9,11	13,85	95
	2.0+2.0+2.0+2.5+7.1	1,15	1,15	1,15	1,44	4,10	3,66	9,00	10,71	0,65	1,97	3,10	2,99	9,02	14,17	95

Notes

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103913

4 Combination table

4 - 1 Combination Table

5MXM90M

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	2.0+2.0+2.0+3.5+3.5	1,38	1,38	1,38	2,42	2,42	2,99	9,00	9,64	0,56	2,06	2,75	2,57	9,43	12,59	95
	2.0+2.0+2.0+3.5+4.2	1,31	1,31	1,31	2,30	2,76	3,39	9,00	10,18	0,63	2,05	3,08	2,86	9,39	14,09	95
	2.0+2.0+2.0+3.5+5.0	1,24	1,24	1,24	2,17	3,10	3,50	9,00	10,36	0,63	2,00	3,11	2,86	9,16	14,22	95
	2.0+2.0+2.0+3.5+6.0	1,16	1,16	1,16	2,03	3,48	3,65	9,00	10,70	0,65	1,98	3,10	2,99	9,07	14,17	95
	2.0+2.0+2.0+4.2+4.2	1,25	1,25	1,25	2,63	2,63	3,48	9,00	10,19	0,63	2,04	3,09	2,86	9,34	14,13	95
	2.0+2.0+2.0+4.2+5.0	1,18	1,18	1,18	2,49	2,96	3,60	9,00	10,68	0,65	2,00	3,46	2,99	9,16	15,84	95
	2.0+2.0+2.5+2.5+2.5	1,57	1,57	1,96	1,96	1,96	3,07	9,00	9,83	0,56	2,08	2,88	2,57	9,52	13,20	95
	2.0+2.0+2.5+2.5+3.5	1,44	1,44	1,80	1,80	2,52	3,21	9,00	10,16	0,60	2,06	3,08	2,74	9,43	14,09	95
	2.0+2.0+2.5+2.5+4.2	1,36	1,36	1,70	1,70	2,86	3,32	9,00	9,85	0,60	2,05	3,08	2,74	9,39	14,09	95
	2.0+2.0+2.5+2.5+5.0	1,29	1,29	1,61	1,61	3,21	3,43	9,00	10,35	0,63	2,00	3,11	2,86	9,16	14,22	95
	2.0+2.0+2.5+2.5+6.0	1,20	1,20	1,50	1,50	3,60	3,57	9,00	10,66	0,63	1,98	3,10	2,86	9,07	14,17	95
	2.0+2.0+2.5+3.5+3.5	1,33	1,33	1,67	2,33	2,33	3,36	9,00	10,17	0,63	2,05	3,08	2,86	9,39	14,09	95
	2.0+2.0+2.5+3.5+4.2	1,27	1,27	1,58	2,22	2,66	3,46	9,00	9,85	0,63	2,04	3,08	2,86	9,34	14,09	95
	2.0+2.0+2.5+3.5+5.0	1,20	1,20	1,50	2,10	3,00	3,57	9,00	10,66	0,65	2,00	3,38	2,99	9,16	15,48	95
	2.0+2.0+2.5+4.2+4.2	1,21	1,21	1,51	2,54	2,54	3,56	9,00	10,65	0,65	2,03	3,57	2,99	9,30	16,33	95
	2.0+2.0+3.5+3.5+3.5	1,24	1,24	2,17	2,17	2,17	3,50	9,00	10,18	0,63	2,04	3,08	2,86	9,34	14,09	95
	2.0+2.0+3.5+3.5+4.2	1,18	1,18	2,07	2,07	2,49	3,60	9,00	10,68	0,65	2,03	3,57	2,99	9,30	16,33	95
	2.0+2.5+2.5+2.5+2.5	1,50	1,88	1,88	1,88	1,88	3,14	9,00	10,01	0,56	2,07	3,02	2,57	9,48	13,81	95
	2.0+2.5+2.5+2.5+3.5	1,38	1,73	1,73	1,73	2,42	3,29	9,00	10,16	0,60	2,05	3,08	2,74	9,39	14,09	95
	2.0+2.5+2.5+2.5+4.2	1,31	1,64	1,64	1,64	2,76	3,39	9,00	10,17	0,63	2,04	3,08	2,86	9,34	14,09	95
	2.0+2.5+2.5+2.5+5.0	1,24	1,55	1,55	1,55	3,10	3,50	9,00	10,35	0,63	2,00	3,11	2,86	9,16	14,22	95
	2.0+2.5+2.5+2.5+6.0	1,16	1,45	1,45	1,45	3,48	3,65	9,00	10,70	0,65	1,97	3,10	2,99	9,02	14,17	95
	2.0+2.5+2.5+3.5+3.5	1,29	1,61	1,61	2,25	2,25	3,43	9,00	10,17	0,63	2,04	3,08	2,86	9,34	14,09	95
	2.0+2.5+2.5+3.5+4.2	1,22	1,53	1,53	2,14	2,57	3,53	9,00	10,62	0,65	2,03	3,57	2,99	9,30	16,33	95
	2.0+2.5+2.5+3.5+5.0	1,16	1,45	1,45	2,03	2,90	3,65	9,00	10,70	0,65	1,97	3,45	2,99	9,02	15,80	95
	2.0+2.5+2.5+4.2+4.2	1,17	1,46	1,46	2,45	2,45	3,60	9,00	10,68	0,65	2,03	3,57	2,99	9,30	16,33	95
	2.0+2.5+3.5+3.5+3.5	1,20	1,50	2,10	2,10	2,10	3,57	9,00	10,63	0,65	2,02	3,57	2,99	9,25	16,33	95
	2.5+2.5+2.5+2.5+2.5	1,80	1,80	1,80	1,80	1,80	3,21	9,00	10,15	0,60	2,02	3,08	2,74	9,25	14,09	95
	2.5+2.5+2.5+2.5+3.5	1,67	1,67	1,67	1,67	2,33	3,36	9,00	10,16	0,63	2,01	3,08	2,86	9,20	14,09	95
	2.5+2.5+2.5+2.5+4.2	1,58	1,58	1,58	1,58	2,66	3,46	9,00	10,17	0,63	2,01	3,08	2,86	9,20	14,09	95
	2.5+2.5+2.5+2.5+5.0	1,50	1,50	1,50	1,50	3,00	3,57	9,00	10,66	0,65	2,00	3,45	2,99	9,16	15,80	95
	2.5+2.5+2.5+3.5+3.5	1,55	1,55	1,55	2,17	2,17	3,50	9,00	10,17	0,63	2,00	3,08	2,86	9,16	14,09	95
	2.5+2.5+2.5+3.5+4.2	1,48	1,48	1,48	2,07	2,49	3,60	9,00	10,68	0,65	1,99	3,57	2,99	9,11	16,33	95
	2.5+2.5+3.5+3.5+3.5	1,45	1,45	2,03	2,03	2,03	3,65	9,00	10,63	0,65	1,99	3,57	2,99	9,11	16,33	95

Notes

1. The total capacity of each connected indoor unit is up to 15.5kW.
2. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Cooling capacity conditions
   Indoor temperature 27°C DB / 19°C WB
   Outdoor temperature 35°C DB

3D103914

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1,5	1,90	---	---	---	---	1,28	1,90	3,93	0,28	0,53	1,31	1,29	2,43	5,98	95
	2,0	2,49	---	---	---	---	1,33	2,49	4,37	0,34	0,67	1,37	1,55	3,05	6,25	95
	2,5	3,11	---	---	---	---	1,39	3,11	4,84	0,36	0,88	1,47	1,64	4,04	6,71	95
	3,5	4,36	---	---	---	---	1,51	4,36	5,31	0,38	1,40	1,93	1,73	6,42	8,84	95
	4,2	5,23	---	---	---	---	1,56	5,23	6,16	0,40	1,63	2,06	1,82	7,45	9,42	95
	5,0	6,21	---	---	---	---	1,94	6,21	7,75	0,47	1,76	2,39	2,13	8,08	10,92	95
	6,0	7,46	---	---	---	---	2,23	7,46	8,87	0,58	2,25	2,86	2,66	10,32	13,09	95
	7,1	8,82	---	---	---	---	2,55	8,82	9,38	0,65	2,81	3,01	2,97	12,88	13,77	95
	1.5+1.5	1,85	1,85	---	---	---	1,51	3,70	5,98	0,37	0,88	1,42	1,68	4,03	6,50	95
	1.5+2.0	1,84	2,46	---	---	---	1,57	4,30	5,98	0,35	1,04	1,42	1,59	4,76	6,50	95
	1.5+2.5	1,84	3,06	---	---	---	1,72	4,90	7,76	0,37	1,20	2,01	1,68	5,50	9,18	95
	1.5+3.5	1,83	4,27	---	---	---	2,02	6,10	7,76	0,44	1,68	2,20	2,02	7,69	10,06	95
	1.5+4.2	1,84	5,16	---	---	---	2,23	7,00	8,87	0,42	1,99	2,70	1,94	9,11	12,35	95
	1.5+5.0	1,85	6,15	---	---	---	2,48	8,00	9,45	0,44	2,17	2,55	2,02	9,94	11,69	95
	1.5+6.0	1,80	7,20	---	---	---	2,77	9,00	10,28	0,48	2,47	2,84	2,19	11,31	13,01	95
	1.5+7.1	1,74	8,26	---	---	---	3,09	10,00	10,30	0,52	2,90	2,91	2,37	13,28	13,32	95
	2.0+2.0	2,45	2,45	---	---	---	1,72	4,90	7,12	0,37	1,19	1,80	1,68	5,45	8,22	95
	2.0+2.5	2,44	3,06	---	---	---	1,88	5,50	7,54	0,39	1,37	1,97	1,76	6,28	9,01	95
	2.0+3.5	2,44	4,26	---	---	---	2,17	6,70	8,05	0,47	1,75	2,34	2,15	8,01	10,72	95
	2.0+4.2	2,45	5,15	---	---	---	2,39	7,60	8,87	0,58	2,04	2,70	2,67	9,34	12,35	95
	2.0+5.0	2,43	6,07	---	---	---	2,62	8,50	9,45	0,59	2,35	2,55	2,71	10,76	11,69	95
	2.0+6.0	2,33	6,98	---	---	---	2,92	9,30	10,28	0,61	2,62	2,84	2,80	12,00	13,01	95
	2.0+7.1	2,20	7,80	---	---	---	3,23	10,00	10,78	0,65	2,90	3,05	2,97	13,28	13,97	95
	2.5+2.5	3,05	3,05	---	---	---	2,02	6,10	7,76	0,44	1,73	2,26	2,02	7,92	10,32	95
	2.5+3.5	3,04	4,26	---	---	---	2,33	7,30	8,87	0,56	2,08	2,82	2,58	9,52	12,92	95
	2.5+4.2	3,06	5,14	---	---	---	2,54	8,20	9,38	0,61	2,35	3,05	2,80	10,76	13,97	95
	2.5+5.0	3,00	6,00	---	---	---	2,77	9,00	10,09	0,62	2,58	2,87	2,84	11,81	13,14	95
	2.5+6.0	2,82	6,78	---	---	---	3,06	9,60	10,28	0,63	2,76	2,91	2,88	12,64	13,31	95
	2.5+7.1	2,60	7,40	---	---	---	3,38	10,00	11,20	0,68	2,89	3,32	3,10	13,23	15,20	95
	3.5+3.5	4,25	4,25	---	---	---	2,62	8,50	9,38	0,61	2,54	3,02	2,80	11,63	13,84	95
	3.5+4.2	4,09	4,91	---	---	---	2,83	9,00	9,98	0,66	2,77	3,39	3,01	12,68	15,51	95
	3.5+5.0	3,91	5,59	---	---	---	3,06	9,50	10,09	0,67	2,73	2,86	3,05	12,50	13,09	95
	3.5+6.0	3,68	6,32	---	---	---	3,35	10,00	11,18	0,68	2,77	3,29	3,10	12,68	15,07	95
	3.5+7.1	3,30	6,70	---	---	---	3,66	10,00	11,21	0,72	2,73	3,22	3,31	12,50	14,72	95
	4.2+4.2	4,75	4,75	---	---	---	3,03	9,50	9,99	0,68	2,62	3,39	3,10	12,00	15,51	95
	4.2+5.0	4,57	5,43	---	---	---	3,26	10,00	10,52	0,69	2,78	3,15	3,14	12,73	14,41	95
	4.2+6.0	4,12	5,88	---	---	---	3,55	10,00	11,19	0,71	2,74	3,28	3,23	12,55	15,03	95
	4.2+7.1	3,72	6,28	---	---	---	3,87	10,00	11,21	0,74	2,69	3,21	3,40	12,32	14,67	95
	5.0+5.0	5,00	5,00	---	---	---	3,49	10,00	11,07	0,71	2,71	3,26	3,27	12,41	14,94	95
	5.0+6.0	4,55	5,45	---	---	---	3,77	10,00	11,32	0,71	2,67	3,18	3,23	12,22	14,54	95
	5.0+7.1	4,13	5,87	---	---	---	4,09	10,00	10,93	0,78	2,63	2,94	3,57	12,04	13,44	95
	6.0+6.0	5,00	5,00	---	---	---	4,07	10,00	11,14	0,71	2,65	2,92	3,27	12,13	13,36	95
	6.0+7.1	4,58	5,42	---	---	---	4,39	10,00	11,17	0,79	2,62	2,91	3,61	12,00	13,31	95
	7.1+7.1	5,00	5,00	---	---	---	4,70	10,00	11,20	0,84	2,60	2,90	3,83	11,90	13,27	95

Notes

1. The total capacity of each connected indoor unit is up to 14.2kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

4 Combination table

4 - 1 Combination Table

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1.5+1.5+1.5	1,83	1,83	1,83	---	---	1,88	5,50	7,82	0,44	1,20	1,84	2,02	5,50	8,44	95
	1.5+1.5+2.0	1,83	1,83	2,44	---	---	2,02	6,10	7,82	0,46	1,38	1,84	2,11	6,32	8,44	95
	1.5+1.5+2.5	1,83	1,83	3,05	---	---	2,17	6,70	7,82	0,48	1,59	1,84	2,19	7,28	8,44	95
	1.5+1.5+3.5	1,85	1,85	4,31	---	---	2,48	8,00	9,59	0,52	2,05	2,47	2,37	9,39	11,29	95
	1.5+1.5+4.2	1,81	1,81	5,08	---	---	2,68	8,70	9,59	0,56	2,29	2,47	2,58	10,49	11,29	95
	1.5+1.5+5.0	1,74	1,74	5,81	---	---	2,92	9,30	10,39	0,56	2,48	2,73	2,58	11,36	12,48	95
	1.5+1.5+6.0	1,58	1,58	6,33	---	---	3,20	9,50	11,14	0,57	2,48	2,92	2,62	11,36	13,36	95
	1.5+1.5+7.1	1,49	1,49	7,03	---	---	3,52	10,00	11,18	0,61	2,70	2,91	2,80	12,36	13,31	95
	1.5+2.0+2.0	1,83	2,44	2,44	---	---	2,17	6,70	7,82	0,48	1,60	1,84	2,19	7,33	8,44	95
	1.5+2.0+2.5	1,83	2,43	3,04	---	---	2,33	7,30	9,02	0,50	1,77	2,23	2,28	8,11	10,19	95
	1.5+2.0+3.5	1,82	2,43	4,25	---	---	2,63	8,50	9,59	0,54	2,21	2,47	2,45	10,12	11,29	95
	1.5+2.0+4.2	1,75	2,34	4,91	---	---	2,83	9,00	10,29	0,58	2,39	2,77	2,67	10,94	12,70	95
	1.5+2.0+5.0	1,76	2,35	5,88	---	---	3,06	10,00	10,39	0,58	2,77	2,78	2,67	12,68	12,74	95
	1.5+2.0+6.0	1,58	2,11	6,32	---	---	3,35	10,00	11,14	0,60	2,71	2,92	2,75	12,41	13,36	95
	1.5+2.0+7.1	1,42	1,89	6,70	---	---	3,66	10,00	11,18	0,64	2,69	2,91	2,93	12,32	13,31	95
	1.5+2.5+2.5	1,85	3,08	3,08	---	---	2,48	8,00	9,58	0,52	2,00	2,48	2,37	9,16	11,34	95
	1.5+2.5+3.5	1,80	3,00	4,20	---	---	2,77	9,00	10,29	0,56	2,35	2,77	2,58	10,76	12,70	95
	1.5+2.5+4.2	1,83	3,05	5,12	---	---	2,97	10,00	10,29	0,60	2,74	2,77	2,75	12,55	12,70	95
	1.5+2.5+5.0	1,67	2,78	5,56	---	---	3,20	10,00	10,90	0,61	2,63	2,95	2,80	12,04	13,49	95
	1.5+2.5+6.0	1,50	2,50	6,00	---	---	3,49	10,00	11,14	0,62	2,58	2,92	2,84	11,81	13,36	95
	1.5+2.5+7.1	1,35	2,25	6,40	---	---	3,80	10,00	11,18	0,66	2,53	2,91	3,01	11,58	13,31	95
	1.5+3.5+3.5	1,76	4,12	4,12	---	---	3,06	10,00	10,29	0,60	2,74	2,77	2,75	12,55	12,70	95
	1.5+3.5+4.2	1,63	3,80	4,57	---	---	3,26	10,00	10,78	0,65	2,72	3,00	2,97	12,45	13,71	95
	1.5+3.5+5.0	1,50	3,50	5,00	---	---	3,49	10,00	10,91	0,66	2,61	2,95	3,01	11,95	13,49	95
	1.5+3.5+6.0	1,36	3,18	5,45	---	---	3,77	10,00	11,15	0,67	2,56	2,92	3,05	11,72	13,36	95
	1.5+3.5+7.1	1,24	2,89	5,87	---	---	4,09	10,00	11,18	0,73	2,51	2,91	3,36	11,49	13,31	95
	1.5+4.2+4.2	1,52	4,24	4,24	---	---	3,46	10,00	10,90	0,68	2,69	3,04	3,10	12,32	13,93	95
	1.5+4.2+5.0	1,40	3,93	4,67	---	---	3,69	10,00	11,03	0,71	2,59	2,95	3,23	11,86	13,49	95
	1.5+4.2+6.0	1,28	3,59	5,13	---	---	3,98	10,00	11,27	0,71	2,54	2,92	3,27	11,63	13,36	95
	1.5+4.2+7.1	1,17	3,28	5,55	---	---	4,29	10,00	11,30	0,76	2,49	2,90	3,48	11,40	13,27	95
	1.5+5.0+5.0	1,30	4,35	4,35	---	---	3,92	10,00	11,17	0,71	2,50	2,96	3,23	11,45	13,53	95
	1.5+5.0+6.0	1,20	4,00	4,80	---	---	4,21	10,00	11,41	0,71	2,46	2,87	3,27	11,26	13,14	95
	1.5+5.0+7.1	1,10	3,68	5,22	---	---	4,53	10,00	11,44	0,79	2,41	2,85	3,61	11,03	13,05	95
	1.5+6.0+6.0	1,11	4,44	4,44	---	---	4,50	10,00	11,65	0,72	2,42	2,78	3,31	11,08	12,74	95
	1.5+6.0+7.1	1,32	3,97	4,70	---	---	4,81	10,00	11,68	0,79	2,40	2,77	3,61	10,99	12,70	95
	2.0+2.0+2.0	2,50	2,50	2,50	---	---	2,33	7,50	9,02	0,50	1,77	2,23	2,28	8,11	10,19	95
	2.0+2.0+2.5	2,46	2,46	3,08	---	---	2,48	8,00	9,58	0,52	1,92	2,48	2,37	8,79	11,34	95
	2.0+2.0+3.5	2,40	2,40	4,20	---	---	2,77	9,00	10,29	0,56	2,27	2,77	2,58	10,39	12,70	95
	2.0+2.0+4.2	2,29	2,29	4,81	---	---	2,97	9,40	10,29	0,60	2,47	2,77	2,75	11,31	12,70	95
	2.0+2.0+5.0	2,22	2,22	5,56	---	---	3,20	10,00	10,90	0,61	2,76	2,95	2,80	12,64	13,49	95
	2.0+2.0+6.0	2,00	2,00	6,00	---	---	3,49	10,00	11,14	0,62	2,72	2,92	2,84	12,45	13,36	95
	2.0+2.0+7.1	1,80	1,80	6,40	---	---	3,80	10,00	11,18	0,66	2,67	2,91	3,01	12,22	13,31	95
	2.0+2.5+2.5	2,43	3,04	3,04	---	---	2,62	8,50	9,58	0,54	2,15	2,48	2,45	9,84	11,34	95
	2.0+2.5+3.5	2,33	2,91	4,07	---	---	2,92	9,30	10,29	0,58	2,45	2,77	2,67	11,22	12,70	95

Notes

1. The total capacity of each connected indoor unit is up to 14.6kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	2.0+2.5+4.2	2,30	2,87	4,83	---	---	3,12	10,00	10,77	0,63	2,77	3,00	2,88	12,68	13,71	95
	2.0+2.5+5.0	2,11	2,63	5,26	---	---	3,35	10,00	10,90	0,63	2,73	2,95	2,88	12,50	13,49	95
	2.0+2.5+6.0	1,90	2,38	5,71	---	---	3,63	10,00	11,14	0,64	2,68	2,92	2,93	12,27	13,36	95
	2.0+2.5+7.1	1,72	2,16	6,12	---	---	3,95	10,00	11,18	0,69	2,66	2,91	3,14	12,18	13,31	95
	2.0+3.5+3.5	2,22	3,89	3,89	---	---	3,20	10,00	10,77	0,65	2,76	3,00	2,97	12,64	13,71	95
	2.0+3.5+4.2	2,06	3,61	4,33	---	---	3,41	10,00	10,97	0,68	2,75	3,10	3,10	12,59	14,19	95
	2.0+3.5+5.0	1,90	3,33	4,76	---	---	3,63	10,00	11,34	0,68	2,73	3,17	3,10	12,50	14,50	95
	2.0+3.5+6.0	1,74	3,04	5,22	---	---	3,92	10,00	11,15	0,69	2,68	2,92	3,14	12,27	13,36	95
	2.0+3.5+7.1	1,59	2,78	5,63	---	---	4,23	10,00	11,18	0,76	2,72	2,91	3,48	12,45	13,31	95
	2.0+4.2+4.2	1,92	4,04	4,04	---	---	3,60	10,00	10,98	0,70	2,73	3,10	3,18	12,50	14,19	95
	2.0+4.2+5.0	1,79	3,75	4,46	---	---	3,84	10,00	11,35	0,72	2,71	3,17	3,31	12,41	14,50	95
	2.0+4.2+6.0	1,64	3,44	4,92	---	---	4,12	10,00	11,16	0,73	2,60	2,92	3,36	11,90	13,36	95
	2.0+4.2+7.1	1,50	3,16	5,34	---	---	4,44	10,00	11,19	0,78	2,55	2,90	3,57	11,68	13,27	95
	2.0+5.0+5.0	1,67	4,17	4,17	---	---	4,07	10,00	11,06	0,75	2,59	2,96	3,44	11,86	13,53	95
	2.0+5.0+6.0	1,54	3,85	4,62	---	---	4,36	10,00	11,29	0,74	2,55	2,87	3,40	11,68	13,14	95
	2.0+5.0+7.1	1,42	3,55	5,04	---	---	4,67	10,00	11,33	0,81	2,53	2,85	3,70	11,58	13,05	95
	2.0+6.0+6.0	1,43	4,29	4,29	---	---	4,64	10,00	11,53	0,77	2,44	2,78	3,53	11,17	12,74	95
	2.0+6.0+7.1	1,32	3,97	4,70	---	---	4,96	10,00	11,56	0,82	2,39	2,77	3,74	10,94	12,70	95
	2.5+2.5+2.5	3,33	3,33	3,33	---	---	2,77	10,00	10,28	0,56	2,67	2,77	2,58	12,22	12,70	95
	2.5+2.5+3.5	2,94	2,94	4,12	---	---	3,06	10,00	10,29	0,63	2,63	2,77	2,88	12,04	12,70	95
	2.5+2.5+4.2	2,72	2,72	4,57	---	---	3,26	10,00	10,77	0,65	2,61	3,00	2,97	11,95	13,71	95
	2.5+2.5+5.0	2,50	2,50	5,00	---	---	3,49	10,00	11,33	0,66	2,51	3,17	3,01	11,49	14,50	95
	2.5+2.5+6.0	2,27	2,27	5,45	---	---	3,77	10,00	11,14	0,67	2,46	2,92	3,05	11,26	13,36	95
	2.5+2.5+7.1	2,07	2,07	5,87	---	---	4,09	10,00	11,18	0,73	2,41	2,91	3,36	11,03	13,31	95
	2.5+3.5+3.5	2,63	3,68	3,68	---	---	3,35	10,00	11,19	0,68	2,57	3,22	3,10	11,77	14,72	95
	2.5+3.5+4.2	2,45	3,43	4,12	---	---	3,55	10,00	11,20	0,70	2,55	3,22	3,18	11,68	14,72	95
	2.5+3.5+5.0	2,27	3,18	4,55	---	---	3,77	10,00	11,34	0,71	2,45	3,17	3,23	11,22	14,50	95
	2.5+3.5+6.0	2,08	2,92	5,00	---	---	4,07	10,00	11,15	0,71	2,40	2,92	3,27	10,99	13,36	95
	2.5+3.5+7.1	1,91	2,67	5,42	---	---	4,39	10,00	11,18	0,78	2,36	2,91	3,57	10,81	13,31	95
	2.5+4.2+4.2	2,29	3,85	3,85	---	---	3,75	10,00	11,20	0,72	2,53	3,22	3,31	11,58	14,72	95
	2.5+4.2+5.0	2,14	3,59	4,27	---	---	3,98	10,00	11,35	0,75	2,43	3,17	3,44	11,13	14,50	95
	2.5+4.2+6.0	1,97	3,31	4,72	---	---	4,26	10,00	11,16	0,76	2,39	2,92	3,48	10,94	13,36	95
	2.5+4.2+7.1	1,81	3,04	5,14	---	---	4,58	10,00	11,19	0,81	2,34	2,90	3,70	10,71	13,27	95
	2.5+5.0+5.0	2,00	4,00	4,00	---	---	4,21	10,00	11,06	0,78	2,41	2,96	3,57	11,03	13,53	95
	2.5+5.0+6.0	1,85	3,70	4,44	---	---	4,50	10,00	11,29	0,79	2,37	2,87	3,61	10,85	13,14	95
	2.5+5.0+7.1	1,71	3,42	4,86	---	---	4,81	10,00	11,33	0,84	2,33	2,85	3,83	10,67	13,05	95
	2.5+6.0+6.0	1,72	4,14	4,14	---	---	4,78	10,00	11,53	0,80	2,35	2,78	3,66	10,76	12,74	95
	2.5+6.0+7.1	1,60	3,85	4,55	---	---	5,10	10,00	11,56	0,85	2,31	2,77	3,87	10,58	12,70	95
	3.5+3.5+3.5	3,33	3,33	3,33	---	---	3,63	10,00	11,19	0,72	2,66	3,22	3,31	12,18	14,72	95
	3.5+3.5+4.2	3,13	3,13	3,75	---	---	3,84	10,00	11,20	0,75	2,63	3,22	3,44	12,04	14,72	95
	3.5+3.5+5.0	2,92	2,92	4,17	---	---	4,07	10,00	11,35	0,78	2,53	3,17	3,57	11,58	14,50	95
	3.5+3.5+6.0	2,69	2,69	4,62	---	---	4,36	10,00	11,16	0,79	2,48	2,92	3,61	11,36	13,36	95
	3.5+3.5+7.1	2,48	2,48	5,04	---	---	4,67	10,00	11,19	0,84	2,43	2,90	3,83	11,13	13,27	95
	3.5+4.2+4.2	2,94	3,53	3,53	---	---	4,04	10,00	11,21	0,80	2,61	3,21	3,66	11,95	14,67	95

Notes

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

4 Combination table

4 - 1 Combination Table

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	3.5+4.2+5.0	2,76	3,31	3,94	---	---	4,26	10,00	10,93	0,80	2,51	3,00	3,66	11,49	13,71	95
	3.5+4.2+6.0	2,55	3,07	4,38	---	---	4,55	10,00	11,17	0,82	2,46	2,91	3,74	11,26	13,31	95
	3.5+4.2+7.1	2,36	2,84	4,80	---	---	4,88	10,00	11,20	0,89	2,41	2,90	4,09	11,03	13,27	95
	3.5+5.0+5.0	2,59	3,70	3,70	---	---	4,50	10,00	11,07	0,84	2,49	2,95	3,83	11,40	13,49	95
	3.5+5.0+6.0	2,41	3,45	4,14	---	---	4,78	10,00	11,29	0,85	2,44	2,86	3,87	11,17	13,09	95
	3.5+5.0+7.1	2,24	3,21	4,55	---	---	5,10	10,00	11,34	0,89	2,39	2,85	4,09	10,94	13,05	95
	3.5+6.0+6.0	2,26	3,87	3,87	---	---	5,07	10,00	11,53	0,86	2,42	2,78	3,91	11,08	12,74	95
	4.2+4.2+4.2	3,33	3,33	3,33	---	---	4,23	10,00	11,22	0,83	2,59	3,21	3,79	11,86	14,67	95
	4.2+4.2+5.0	3,13	3,13	3,73	---	---	4,47	10,00	10,94	0,86	2,49	3,00	3,91	11,40	13,71	95
	4.2+4.2+6.0	2,92	2,92	4,17	---	---	4,75	10,00	11,18	0,86	2,44	2,91	3,96	11,17	13,31	95
	4.2+4.2+7.1	2,71	2,71	4,58	---	---	5,07	10,00	11,21	0,92	2,39	2,90	4,22	10,94	13,27	95
	4.2+5.0+5.0	2,96	3,52	3,52	---	---	4,70	10,00	11,07	0,86	2,47	2,95	3,91	11,31	13,49	95
	4.2+5.0+6.0	2,76	3,29	3,95	---	---	4,99	10,00	11,30	0,87	2,42	2,86	4,00	11,08	13,09	95
	5.0+5.0+5.0	3,33	3,33	3,33	---	---	4,93	10,00	11,20	0,89	2,45	2,90	4,09	11,22	13,27	95
	1.5+1.5+1.5+1.5	1,83	1,83	1,83	1,83	---	2,33	7,30	9,17	0,43	1,71	2,15	1,98	7,83	9,84	95
	1.5+1.5+1.5+2.0	1,85	1,85	1,85	2,46	---	2,48	8,00	9,80	0,45	1,93	2,34	2,06	8,84	10,72	95
	1.5+1.5+1.5+2.5	1,82	1,82	1,82	3,04	---	2,63	8,50	9,80	0,47	2,07	2,34	2,15	9,48	10,72	95
	1.5+1.5+1.5+3.5	1,74	1,74	1,74	4,07	---	2,92	9,30	10,60	0,51	2,32	2,64	2,32	10,62	12,08	95
	1.5+1.5+1.5+4.2	1,72	1,72	1,72	4,83	---	3,12	10,00	11,17	0,55	2,60	2,91	2,54	11,90	13,31	95
	1.5+1.5+1.5+5.0	1,58	1,58	1,58	5,26	---	3,35	10,00	11,29	0,55	2,50	2,86	2,54	11,45	13,09	95
	1.5+1.5+1.5+6.0	1,43	1,43	1,43	5,71	---	3,63	10,00	11,53	0,56	2,45	2,78	2,58	11,22	12,74	95
	1.5+1.5+1.5+7.1	1,29	1,29	1,29	6,12	---	3,95	10,00	11,56	0,62	2,40	2,76	2,84	10,99	12,65	95
	1.5+1.5+2.0+2.0	1,82	1,82	2,43	2,43	---	2,63	8,50	9,80	0,47	2,04	2,34	2,15	9,34	10,72	95
	1.5+1.5+2.0+2.5	1,80	1,80	2,40	3,00	---	2,77	9,00	10,59	0,49	2,19	2,65	2,24	10,03	12,13	95
	1.5+1.5+2.0+3.5	1,76	1,76	2,35	4,12	---	3,06	10,00	10,60	0,55	2,52	2,64	2,54	11,54	12,08	95
	1.5+1.5+2.0+4.2	1,63	1,63	2,17	4,57	---	3,26	10,00	11,17	0,57	2,50	2,91	2,62	11,45	13,31	95
	1.5+1.5+2.0+5.0	1,50	1,50	2,00	5,00	---	3,49	10,00	11,29	0,60	2,40	2,86	2,75	10,99	13,09	95
	1.5+1.5+2.0+6.0	1,36	1,36	1,82	5,45	---	3,77	10,00	11,53	0,58	2,35	2,78	2,67	10,76	12,74	95
	1.5+1.5+2.0+7.1	1,24	1,24	1,65	5,87	---	4,09	10,00	11,56	0,65	2,31	2,76	2,97	10,58	12,65	95
	1.5+1.5+2.5+2.5	1,88	1,88	3,13	3,13	---	2,92	10,00	10,59	0,54	2,54	2,65	2,45	11,63	12,13	95
	1.5+1.5+2.5+3.5	1,67	1,67	2,78	3,89	---	3,20	10,00	11,16	0,57	2,50	2,92	2,62	11,45	13,36	95
	1.5+1.5+2.5+4.2	1,55	1,55	2,58	4,33	---	3,41	10,00	11,17	0,59	2,48	2,91	2,71	11,36	13,31	95
	1.5+1.5+2.5+5.0	1,43	1,43	2,38	4,76	---	3,63	10,00	11,29	0,62	2,38	2,86	2,84	10,90	13,09	95
	1.5+1.5+2.5+6.0	1,30	1,30	2,17	5,22	---	3,92	10,00	11,53	0,63	2,34	2,78	2,88	10,71	12,74	95
	1.5+1.5+2.5+7.1	1,19	1,19	1,98	5,63	---	4,23	10,00	11,56	0,67	2,29	2,76	3,05	10,49	12,65	95
	1.5+1.5+3.5+3.5	1,50	1,50	3,50	3,50	---	3,49	10,00	11,17	0,62	2,48	2,91	2,84	11,36	13,31	95
	1.5+1.5+3.5+4.2	1,40	1,40	3,27	3,93	---	3,69	10,00	11,17	0,64	2,46	2,91	2,93	11,26	13,31	95
	1.5+1.5+3.5+5.0	1,30	1,30	3,04	4,35	---	3,92	10,00	11,30	0,67	2,36	2,86	3,05	10,81	13,09	95
	1.5+1.5+3.5+6.0	1,20	1,20	2,80	4,80	---	4,21	10,00	11,54	0,68	2,32	2,77	3,10	10,62	12,70	95
	1.5+1.5+3.5+7.1	1,10	1,10	2,57	5,22	---	4,53	10,00	11,58	0,74	2,28	2,76	3,40	10,44	12,65	95
	1.5+1.5+4.2+4.2	1,32	1,32	3,68	3,68	---	3,90	10,00	11,18	0,69	2,44	2,91	3,14	11,17	13,31	95
	1.5+1.5+4.2+5.0	1,23	1,23	3,44	4,10	---	4,12	10,00	11,32	0,71	2,34	2,86	3,27	10,71	13,09	95
	1.5+1.5+4.2+6.0	1,14	1,14	3,18	4,55	---	4,41	10,00	11,55	0,72	2,30	2,77	3,31	10,53	12,70	95
	1.5+1.5+4.2+7.1	1,05	1,05	2,94	4,97	---	4,72	10,00	11,59	0,76	2,26	2,76	3,48	10,35	12,65	95

Notes

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1kW class
   Wall-mounted CTX-M, FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1.5+1.5+5.0+5.0	1,15	1,15	3,85	3,85	---	4,36	10,00	11,45	0,71	2,33	2,81	3,27	10,67	12,87	95
	1.5+1.5+5.0+6.0	1,07	1,07	3,57	4,29	---	4,64	10,00	11,68	0,72	2,28	2,78	3,31	10,44	12,74	95
	1.5+1.5+5.0+7.1	0,99	0,99	3,31	4,70	---	4,96	10,00	11,72	0,79	2,24	2,76	3,61	10,26	12,65	95
	1.5+1.5+6.0+6.0	1,00	1,00	4,00	4,00	---	4,93	10,00	11,92	0,75	2,27	2,70	3,44	10,39	12,35	95
	1.5+2.0+2.0+2.0	1,90	2,53	2,53	2,53	---	2,77	9,50	10,59	0,49	2,31	2,65	2,24	10,58	12,13	95
	1.5+2.0+2.0+2.5	1,88	2,50	2,50	3,13	---	2,92	10,00	10,59	0,54	2,42	2,65	2,45	11,08	12,13	95
	1.5+2.0+2.0+3.5	1,67	2,22	2,22	3,89	---	3,20	10,00	11,16	0,57	2,40	2,92	2,62	10,99	13,36	95
	1.5+2.0+2.0+4.2	1,55	2,06	2,06	4,33	---	3,41	10,00	11,17	0,59	2,38	2,91	2,71	10,90	13,31	95
	1.5+2.0+2.0+5.0	1,43	1,90	1,90	4,76	---	3,63	10,00	11,29	0,62	2,35	2,86	2,84	10,76	13,09	95
	1.5+2.0+2.0+6.0	1,30	1,74	1,74	5,22	---	3,92	10,00	11,53	0,63	2,31	2,78	2,88	10,58	12,74	95
	1.5+2.0+2.0+7.1	1,19	1,59	1,59	5,63	---	4,23	10,00	11,56	0,67	2,29	2,76	3,05	10,49	12,65	95
	1.5+2.0+2.5+2.5	1,76	2,35	2,94	2,94	---	3,06	10,00	10,59	0,55	2,51	2,65	2,54	11,49	12,13	95
	1.5+2.0+2.5+3.5	1,58	2,11	2,63	3,68	---	3,35	10,00	11,16	0,59	2,47	2,92	2,71	11,31	13,36	95
	1.5+2.0+2.5+4.2	1,47	1,96	2,45	4,12	---	3,55	10,00	11,17	0,62	2,45	2,91	2,84	11,22	13,31	95
	1.5+2.0+2.5+5.0	1,36	1,82	2,27	4,55	---	3,77	10,00	11,29	0,64	2,36	2,86	2,93	10,81	13,09	95
	1.5+2.0+2.5+6.0	1,25	1,67	2,08	5,00	---	4,07	10,00	11,53	0,65	2,31	2,78	2,97	10,58	12,74	95
	1.5+2.0+2.5+7.1	1,15	1,53	1,91	5,42	---	4,39	10,00	11,56	0,70	2,27	2,76	3,18	10,39	12,65	95
	1.5+2.0+3.5+3.5	1,43	1,90	3,33	3,33	---	3,63	10,00	11,17	0,64	2,45	2,91	2,93	11,22	13,31	95
	1.5+2.0+3.5+4.2	1,34	1,79	3,13	3,75	---	3,84	10,00	11,17	0,69	2,43	2,91	3,14	11,13	13,31	95
	1.5+2.0+3.5+5.0	1,25	1,67	2,92	4,17	---	4,07	10,00	11,30	0,69	2,34	2,86	3,14	10,71	13,09	95
	1.5+2.0+3.5+6.0	1,15	1,54	2,69	4,62	---	4,36	10,00	11,54	0,70	2,30	2,77	3,18	10,53	12,70	95
	1.5+2.0+3.5+7.1	1,06	1,42	2,48	5,04	---	4,67	10,00	11,58	0,76	2,25	2,76	3,48	10,30	12,65	95
	1.5+2.0+4.2+4.2	1,26	1,68	3,53	3,53	---	4,04	10,00	11,18	0,71	2,41	2,91	3,23	11,03	13,31	95
	1.5+2.0+4.2+5.0	1,18	1,57	3,31	3,94	---	4,26	10,00	11,32	0,73	2,32	2,86	3,36	10,62	13,09	95
	1.5+2.0+4.2+6.0	1,09	1,46	3,07	4,38	---	4,55	10,00	11,55	0,74	2,28	2,77	3,40	10,44	12,70	95
	1.5+2.0+4.2+7.1	1,01	1,35	2,84	4,80	---	4,88	10,00	11,59	0,79	2,24	2,76	3,61	10,26	12,65	95
	1.5+2.0+5.0+5.0	1,11	1,48	3,70	3,70	---	4,50	10,00	11,45	0,74	2,31	2,81	3,40	10,58	12,87	95
	1.5+2.0+5.0+6.0	1,03	1,38	3,45	4,14	---	4,78	10,00	11,68	0,77	2,26	2,78	3,53	10,35	12,74	95
	1.5+2.0+5.0+7.1	0,96	1,28	3,21	4,55	---	5,10	10,00	11,72	0,82	2,22	2,76	3,74	10,17	12,65	95
	1.5+2.0+6.0+6.0	0,97	1,29	3,87	3,87	---	5,07	10,00	11,92	0,78	2,25	2,70	3,57	10,30	12,35	95
	1.5+2.5+2.5+2.5	1,67	2,78	2,78	2,78	---	3,20	10,00	11,15	0,57	2,49	2,92	2,62	11,40	13,36	95
	1.5+2.5+2.5+3.5	1,50	2,50	2,50	3,50	---	3,49	10,00	11,16	0,62	2,45	2,92	2,84	11,22	13,36	95
	1.5+2.5+2.5+4.2	1,40	2,34	2,34	3,93	---	3,69	10,00	11,17	0,64	2,43	2,91	2,93	11,13	13,31	95
	1.5+2.5+2.5+5.0	1,30	2,17	2,17	4,35	---	3,92	10,00	11,29	0,67	2,34	2,86	3,05	10,71	13,09	95
	1.5+2.5+2.5+6.0	1,20	2,00	2,00	4,80	---	4,21	10,00	11,53	0,68	2,30	2,78	3,10	10,53	12,74	95
	1.5+2.5+2.5+7.1	1,10	1,84	1,84	5,22	---	4,53	10,00	11,56	0,74	2,25	2,76	3,40	10,30	12,65	95
	1.5+2.5+3.5+3.5	1,36	2,27	3,18	3,18	---	3,77	10,00	11,17	0,67	2,43	2,91	3,05	11,13	13,31	95
	1.5+2.5+3.5+4.2	1,28	2,14	2,99	3,59	---	3,98	10,00	11,17	0,71	2,41	2,91	3,27	11,03	13,31	95
	1.5+2.5+3.5+5.0	1,20	2,00	2,80	4,00	---	4,21	10,00	11,30	0,71	2,32	2,86	3,27	10,62	13,09	95
	1.5+2.5+3.5+6.0	1,11	1,85	2,59	4,44	---	4,50	10,00	11,54	0,72	2,28	2,77	3,31	10,44	12,70	95
	1.5+2.5+3.5+7.1	1,03	1,71	2,40	4,86	---	4,81	10,00	11,58	0,79	2,24	2,76	3,61	10,26	12,65	95
	1.5+2.5+4.2+4.2	1,21	2,02	3,39	3,39	---	4,18	10,00	11,18	0,73	2,40	2,91	3,36	10,99	13,31	95
	1.5+2.5+4.2+5.0	1,14	1,89	3,18	3,79	---	4,41	10,00	11,32	0,76	2,31	2,86	3,48	10,58	13,09	95
	1.5+2.5+4.2+6.0	1,06	1,76	2,96	4,23	---	4,70	10,00	11,55	0,77	2,26	2,77	3,53	10,35	12,70	95

Notes

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTX-M, FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

3D103933A

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1.5+2.5+4.2+7.1	0,98	1,63	2,75	4,64	---	5,02	10,00	11,59	0,85	2,22	2,76	3,87	10,17	12,65	17
	1.5+2.5+5.0+5.0	1,07	1,79	3,57	3,57	---	4,18	10,00	11,18	0,73	2,29	2,91	3,36	10,49	13,31	17
	1.5+2.5+5.0+6.0	1,00	1,67	3,33	4,00	---	4,41	10,00	11,32	0,76	2,25	2,86	3,48	10,30	13,09	17
	1.5+3.5+3.5+3.5	1,25	2,92	2,92	2,92	---	4,07	10,00	11,17	0,71	2,43	2,91	3,27	11,13	13,31	17
	1.5+3.5+3.5+4.2	1,18	2,76	2,76	3,31	---	4,26	10,00	11,18	0,76	2,41	2,91	3,48	11,03	13,31	17
	1.5+3.5+3.5+5.0	1,11	2,59	2,59	3,70	---	4,50	10,00	11,32	0,79	2,32	2,86	3,61	10,62	13,09	17
	1.5+3.5+3.5+6.0	1,03	2,41	2,41	4,14	---	4,78	10,00	11,55	0,80	2,28	2,77	3,66	10,44	12,70	17
	1.5+3.5+3.5+7.1	0,96	2,24	2,24	4,55	---	5,10	10,00	11,59	0,85	2,24	2,76	3,87	10,26	12,65	17
	1.5+3.5+4.2+4.2	1,12	2,61	3,13	3,13	---	4,47	10,00	11,19	0,78	2,40	2,90	3,57	10,99	13,27	17
	1.5+3.5+4.2+5.0	1,06	2,46	2,96	3,52	---	4,70	10,00	11,33	0,81	2,31	2,86	3,70	10,58	13,09	17
	1.5+3.5+4.2+6.0	0,99	2,30	2,76	3,95	---	4,99	10,00	11,56	0,82	2,26	2,77	3,74	10,35	12,70	17
	1.5+3.5+5.0+5.0	1,00	2,33	3,33	3,33	---	4,93	10,00	11,45	0,85	2,29	2,81	3,87	10,49	12,87	17
	1.5+4.2+4.2+4.2	1,06	2,98	2,98	2,98	---	4,67	10,00	11,20	0,84	2,38	2,90	3,83	10,90	13,27	17
	1.5+4.2+4.2+5.0	1,01	2,82	2,82	3,36	---	4,90	10,00	11,34	0,86	2,29	2,85	3,96	10,49	13,05	17
	2.0+2.0+2.0+2.0	2,50	2,50	2,50	2,50	---	2,92	10,00	10,59	0,54	2,53	2,65	2,45	11,58	12,13	17
	2.0+2.0+2.0+2.5	2,35	2,35	2,35	2,94	---	3,06	10,00	10,59	0,55	2,51	2,65	2,54	11,49	12,13	17
	2.0+2.0+2.0+3.5	2,11	2,11	2,11	3,68	---	3,35	10,00	11,16	0,59	2,47	2,92	2,71	11,31	13,36	17
	2.0+2.0+2.0+4.2	1,96	1,96	1,96	4,12	---	3,55	10,00	11,17	0,62	2,45	2,91	2,84	11,22	13,31	17
	2.0+2.0+2.0+5.0	1,82	1,82	1,82	4,55	---	3,77	10,00	11,29	0,64	2,36	2,87	2,93	10,81	13,14	17
	2.0+2.0+2.0+6.0	1,67	1,67	1,67	5,00	---	4,07	10,00	11,53	0,65	2,31	2,78	2,97	10,58	12,74	17
	2.0+2.0+2.0+7.1	1,53	1,53	1,53	5,42	---	4,39	10,00	11,56	0,70	2,27	2,76	3,18	10,39	12,65	17
	2.0+2.0+2.5+2.5	2,22	2,22	2,78	2,78	---	3,20	10,00	11,15	0,57	2,49	2,92	2,62	11,40	13,36	17
	2.0+2.0+2.5+3.5	2,00	2,00	2,50	3,50	---	3,49	10,00	11,16	0,62	2,45	2,92	2,84	11,22	13,36	17
	2.0+2.0+2.5+4.2	1,87	1,87	2,34	3,93	---	3,69	10,00	11,17	0,64	2,43	2,91	2,93	11,13	13,31	17
	2.0+2.0+2.5+5.0	1,74	1,74	2,17	4,35	---	3,92	10,00	11,29	0,67	2,34	2,87	3,05	10,71	13,14	17
	2.0+2.0+2.5+6.0	1,60	1,60	2,00	4,80	---	4,21	10,00	11,53	0,68	2,30	2,78	3,10	10,53	12,74	17
	2.0+2.0+2.5+7.1	1,47	1,47	1,84	5,22	---	4,53	10,00	11,56	0,74	2,25	2,76	3,40	10,30	12,65	17
	2.0+2.0+3.5+3.5	1,82	1,82	3,18	3,18	---	3,77	10,00	11,17	0,67	2,43	2,91	3,05	11,13	13,31	17
	2.0+2.0+3.5+4.2	1,71	1,71	2,99	3,59	---	3,98	10,00	11,17	0,71	2,41	2,91	3,27	11,03	13,31	17
	2.0+2.0+3.5+5.0	1,60	1,60	2,80	4,00	---	4,21	10,00	11,30	0,71	2,32	2,86	3,27	10,62	13,09	17
	2.0+2.0+3.5+6.0	1,48	1,48	2,59	4,44	---	4,50	10,00	11,54	0,72	2,28	2,77	3,31	10,44	12,70	17
	2.0+2.0+3.5+7.1	1,37	1,37	2,40	4,86	---	4,81	10,00	11,58	0,79	2,24	2,76	3,61	10,26	12,65	17
	2.0+2.0+4.2+4.2	1,61	1,61	3,39	3,39	---	4,18	10,00	11,18	0,73	2,40	2,91	3,36	10,99	13,31	17
	2.0+2.0+4.2+5.0	1,52	1,52	3,18	3,79	---	4,41	10,00	11,32	0,76	2,31	2,86	3,48	10,58	13,09	17
	2.0+2.0+4.2+6.0	1,41	1,41	2,96	4,23	---	4,70	10,00	11,55	0,77	2,26	2,77	3,53	10,35	12,70	17
	2.0+2.0+4.2+7.1	1,31	1,31	2,75	4,64	---	5,02	10,00	11,59	0,85	2,22	2,76	3,87	10,17	12,65	17
	2.0+2.0+5.0+5.0	1,43	1,43	3,57	3,57	---	4,64	10,00	11,45	0,79	2,29	2,81	3,61	10,49	12,87	17
	2.0+2.0+5.0+6.0	1,33	1,33	3,33	4,00	---	4,93	10,00	11,68	0,80	2,25	2,78	3,66	10,30	12,74	17
	2.0+2.5+2.5+2.5	2,11	2,63	2,63	2,63	---	3,35	10,00	11,15	0,60	2,47	2,92	2,75	11,31	13,36	17
	2.0+2.5+2.5+3.5	1,90	2,38	2,38	3,33	---	3,63	10,00	11,16	0,64	2,43	2,92	2,93	11,13	13,36	17
	2.0+2.5+2.5+4.2	1,79	2,23	2,23	3,75	---	3,84	10,00	11,17	0,69	2,41	2,91	3,14	11,03	13,31	17
	2.0+2.5+2.5+5.0	1,67	2,08	2,08	4,17	---	4,07	10,00	11,29	0,69	2,32	2,87	3,14	10,62	13,14	17
	2.0+2.5+2.5+6.0	1,54	1,92	1,92	4,62	---	4,36	10,00	11,53	0,70	2,28	2,78	3,18	10,44	12,74	17
	2.0+2.5+2.5+7.1	1,42	1,77	1,77	5,04	---	4,67	10,00	11,56	0,77	2,24	2,76	3,53	10,26	12,65	17

Notes

1. The total capacity of each connected indoor unit is up to 15.3kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTX-M, FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	2.0+2.5+3.5+3.5	1,74	2,17	3,04	3,04	---	3,92	10,00	11,17	0,69	2,41	2,91	3,14	11,03	13,31	95
	2.0+2.5+3.5+4.2	1,64	2,05	2,87	3,44	---	4,12	10,00	11,17	0,73	2,40	2,91	3,36	10,99	13,31	95
	2.0+2.5+3.5+5.0	1,54	1,92	2,69	3,85	---	4,36	10,00	11,30	0,73	2,31	2,86	3,36	10,58	13,09	95
	2.0+2.5+3.5+6.0	1,43	1,79	2,50	4,29	---	4,64	10,00	11,54	0,77	2,26	2,77	3,53	10,35	12,70	95
	2.0+2.5+3.5+7.1	1,32	1,66	2,32	4,70	---	4,96	10,00	11,58	0,82	2,22	2,76	3,74	10,17	12,65	95
	2.0+2.5+4.2+4.2	1,55	1,94	3,26	3,26	---	4,32	10,00	11,18	0,76	2,38	2,91	3,48	10,90	13,31	95
	2.0+2.5+4.2+5.0	1,46	1,82	3,07	3,65	---	4,55	10,00	11,32	0,79	2,29	2,86	3,61	10,49	13,09	95
	2.0+2.5+4.2+6.0	1,36	1,70	2,86	4,08	---	4,85	10,00	11,55	0,80	2,25	2,77	3,66	10,30	12,70	95
	2.0+2.5+5.0+5.0	1,38	1,72	3,45	3,45	---	4,78	10,00	11,45	0,82	2,27	2,81	3,74	10,39	12,87	95
	2.0+2.5+5.0+6.0	1,29	1,61	3,23	3,87	---	5,07	10,00	11,68	0,83	2,23	2,78	3,79	10,21	12,74	95
	2.0+3.5+3.5+3.5	1,60	2,80	2,80	2,80	---	4,21	10,00	11,17	0,73	2,41	2,91	3,36	11,03	13,31	95
	2.0+3.5+3.5+4.2	1,52	2,65	2,65	3,18	---	4,41	10,00	11,18	0,79	2,40	2,91	3,61	10,99	13,31	95
	2.0+3.5+3.5+5.0	1,43	2,50	2,50	3,57	---	4,64	10,00	11,32	0,82	2,31	2,86	3,74	10,58	13,09	95
	2.0+3.5+3.5+6.0	1,33	2,33	2,33	4,00	---	4,93	10,00	11,55	0,82	2,26	2,77	3,74	10,35	12,70	95
	2.0+3.5+4.2+4.2	1,44	2,52	3,02	3,02	---	4,61	10,00	11,19	0,84	2,38	2,90	3,83	10,90	13,27	95
	2.0+3.5+4.2+5.0	1,36	2,38	2,86	3,40	---	4,85	10,00	11,33	0,84	2,29	2,86	3,83	10,49	13,09	95
	2.0+3.5+5.0+5.0	1,29	2,26	3,23	3,23	---	5,07	10,00	11,45	0,86	2,29	2,81	3,96	10,49	12,87	95
	2.0+4.2+4.2+4.2	1,37	2,88	2,88	2,88	---	4,81	10,00	11,20	0,86	2,36	2,90	3,96	10,81	13,27	95
	2.0+4.2+4.2+5.0	1,30	2,73	2,73	3,25	---	5,04	10,00	11,34	0,89	2,27	2,85	4,09	10,39	13,05	95
	2.5+2.5+2.5+2.5	2,50	2,50	2,50	2,50	---	3,49	10,00	11,15	0,62	2,45	2,92	2,84	11,22	13,36	95
	2.5+2.5+2.5+3.5	2,27	2,27	2,27	3,18	---	3,77	10,00	11,16	0,67	2,41	2,92	3,05	11,03	13,36	95
	2.5+2.5+2.5+4.2	2,14	2,14	2,14	3,59	---	3,98	10,00	11,17	0,71	2,40	2,91	3,27	10,99	13,31	95
	2.5+2.5+2.5+5.0	2,00	2,00	2,00	4,00	---	4,21	10,00	11,29	0,71	2,31	2,87	3,27	10,58	13,14	95
	2.5+2.5+2.5+6.0	1,85	1,85	1,85	4,44	---	4,50	10,00	11,53	0,72	2,26	2,78	3,31	10,35	12,74	95
	2.5+2.5+2.5+7.1	1,71	1,71	1,71	4,86	---	4,81	10,00	11,56	0,79	2,22	2,76	3,61	10,17	12,65	95
	2.5+2.5+3.5+3.5	2,08	2,08	2,92	2,92	---	4,07	10,00	11,17	0,71	2,40	2,91	3,27	10,99	13,31	95
	2.5+2.5+3.5+4.2	1,97	1,97	2,76	3,31	---	4,26	10,00	11,17	0,76	2,38	2,91	3,48	10,90	13,31	95
	2.5+2.5+3.5+5.0	1,85	1,85	2,59	3,70	---	4,50	10,00	11,30	0,79	2,29	2,86	3,61	10,49	13,09	95
	2.5+2.5+3.5+6.0	1,72	1,72	2,41	4,14	---	4,78	10,00	11,54	0,80	2,25	2,77	3,66	10,30	12,70	95
	2.5+2.5+3.5+7.1	1,60	1,60	2,24	4,55	---	5,10	10,00	11,58	0,85	2,21	2,76	3,87	10,12	12,65	95
	2.5+2.5+4.2+4.2	1,87	1,87	3,13	3,13	---	4,47	10,00	11,18	0,79	2,36	2,91	3,61	10,81	13,31	95
	2.5+2.5+4.2+5.0	1,76	1,76	2,96	3,52	---	4,70	10,00	11,32	0,82	2,27	2,86	3,74	10,39	13,09	95
	2.5+2.5+4.2+6.0	1,64	1,64	2,76	3,95	---	4,99	10,00	11,55	0,82	2,23	2,77	3,74	10,21	12,70	95
	2.5+2.5+5.0+5.0	1,67	1,67	3,33	3,33	---	4,93	10,00	11,45	0,85	2,25	2,81	3,87	10,30	12,87	95
	2.5+3.5+3.5+3.5	1,92	2,69	2,69	2,69	---	4,36	10,00	11,17	0,79	2,40	2,91	3,61	10,99	13,31	95
	2.5+3.5+3.5+4.2	1,82	2,55	2,55	3,07	---	4,55	10,00	11,18	0,81	2,38	2,91	3,70	10,90	13,31	95
	2.5+3.5+3.5+5.0	1,72	2,41	2,41	3,45	---	4,78	10,00	11,32	0,84	2,29	2,86	3,83	10,49	13,09	95
	2.5+3.5+3.5+6.0	1,61	2,26	2,26	3,87	---	5,07	10,00	11,55	0,85	2,25	2,77	3,87	10,30	12,70	95
	2.5+3.5+4.2+4.2	1,74	2,43	2,92	2,92	---	4,75	10,00	11,19	0,86	2,36	2,90	3,96	10,81	13,27	95
	2.5+3.5+4.2+5.0	1,64	2,30	2,76	3,29	---	4,99	10,00	11,33	0,86	2,27	2,86	3,96	10,39	13,09	95
	2.5+4.2+4.2+4.2	1,66	2,78	2,78	2,78	---	4,96	10,00	11,20	0,89	2,34	2,90	4,09	10,71	13,27	95
	3.5+3.5+3.5+3.5	2,50	2,50	2,50	2,50	---	4,64	10,00	11,18	0,84	2,33	2,91	3,83	10,67	13,31	95
	3.5+3.5+3.5+4.2	2,38	2,38	2,38	2,86	---	4,85	10,00	11,19	0,86	2,31	2,90	3,96	10,58	13,27	95
	3.5+3.5+3.5+5.0	2,26	2,26	2,26	3,23	---	5,07	10,00	11,33	0,89	2,23	2,86	4,09	10,21	13,09	95

Notes

1. The total capacity of each connected indoor unit is up to 15.5kW.
2. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

3D103935A

4 Combination table

4 - 1 Combination Table

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	3.5+3.5+4.2+4.2	2,27	2,27	2,73	2,73	---	5,04	10,00	11,20	0,92	2,30	2,90	4,22	10,53	13,27	95
	1.5+1.5+1.5+1.5+1.5	2,00	2,00	2,00	2,00	2,00	2,77	10,00	10,90	0,42	2,14	2,57	1,94	9,80	11,77	95
	1.5+1.5+1.5+1.5+2.0	1,88	1,88	1,88	1,88	2,50	2,92	10,00	10,90	0,44	2,13	2,57	2,02	9,75	11,77	95
	1.5+1.5+1.5+1.5+2.5	1,76	1,76	1,76	1,76	2,94	3,06	10,00	10,90	0,48	2,11	2,57	2,19	9,66	11,77	95
	1.5+1.5+1.5+1.5+3.5	1,58	1,58	1,58	1,58	3,68	3,35	10,00	11,55	0,52	2,08	2,77	2,37	9,52	12,70	95
	1.5+1.5+1.5+1.5+4.2	1,47	1,47	1,47	1,47	4,12	3,55	10,00	11,55	0,55	2,07	2,77	2,54	9,48	12,70	95
	1.5+1.5+1.5+1.5+5.0	1,36	1,36	1,36	1,36	4,55	3,77	10,00	11,69	0,56	2,00	2,78	2,58	9,16	12,74	95
	1.5+1.5+1.5+1.5+6.0	1,25	1,25	1,25	1,25	5,00	4,07	10,00	11,93	0,56	1,99	2,70	2,58	9,11	12,35	95
	1.5+1.5+1.5+1.5+7.1	1,15	1,15	1,15	1,15	5,42	4,39	10,00	11,96	0,62	1,96	2,68	2,84	8,98	12,26	95
	1.5+1.5+1.5+2.0+2.0	1,76	1,76	1,76	2,35	2,35	3,06	10,00	10,90	0,48	2,11	2,57	2,19	9,66	11,77	95
	1.5+1.5+1.5+2.0+2.5	1,67	1,67	1,67	2,22	2,78	3,20	10,00	11,54	0,50	2,10	2,77	2,28	9,62	12,70	95
	1.5+1.5+1.5+2.0+3.5	1,50	1,50	1,50	2,00	3,50	3,49	10,00	11,55	0,54	2,07	2,77	2,45	9,48	12,70	95
	1.5+1.5+1.5+2.0+4.2	1,40	1,40	1,40	1,87	3,93	3,69	10,00	11,55	0,58	2,06	2,77	2,67	9,43	12,70	95
	1.5+1.5+1.5+2.0+5.0	1,30	1,30	1,30	1,74	4,35	3,92	10,00	11,69	0,58	1,99	2,78	2,67	9,11	12,74	95
	1.5+1.5+1.5+2.0+6.0	1,20	1,20	1,20	1,60	4,80	4,21	10,00	11,93	0,61	1,96	2,70	2,80	8,98	12,35	95
	1.5+1.5+1.5+2.0+7.1	1,10	1,10	1,10	1,47	5,22	4,53	10,00	11,96	0,65	1,93	2,68	2,97	8,84	12,26	95
	1.5+1.5+1.5+2.5+2.5	1,58	1,58	1,58	2,63	2,63	3,35	10,00	11,54	0,52	2,08	2,77	2,37	9,52	12,70	95
	1.5+1.5+1.5+2.5+3.5	1,43	1,43	1,43	2,38	3,33	3,63	10,00	11,55	0,56	2,06	2,77	2,58	9,43	12,70	95
	1.5+1.5+1.5+2.5+4.2	1,34	1,34	1,34	2,23	3,75	3,84	10,00	11,55	0,60	2,04	2,77	2,75	9,34	12,70	95
	1.5+1.5+1.5+2.5+5.0	1,25	1,25	1,25	2,08	4,17	4,07	10,00	11,69	0,62	1,98	2,78	2,84	9,07	12,74	95
	1.5+1.5+1.5+2.5+6.0	1,15	1,15	1,15	1,92	4,62	4,36	10,00	11,93	0,63	1,95	2,70	2,88	8,93	12,35	95
	1.5+1.5+1.5+2.5+7.1	1,06	1,06	1,06	1,77	5,04	4,67	10,00	11,96	0,67	1,92	2,68	3,05	8,79	12,26	95
	1.5+1.5+1.5+3.5+3.5	1,30	1,30	1,30	3,04	3,04	3,92	10,00	11,55	0,62	2,04	2,77	2,84	9,34	12,70	95
	1.5+1.5+1.5+3.5+4.2	1,23	1,23	1,23	2,87	3,44	4,12	10,00	11,56	0,65	2,03	2,77	2,97	9,30	12,70	95
	1.5+1.5+1.5+3.5+5.0	1,15	1,15	1,15	2,69	3,85	4,36	10,00	11,70	0,67	1,97	2,77	3,05	9,02	12,70	95
	1.5+1.5+1.5+3.5+6.0	1,07	1,07	1,07	2,50	4,29	4,64	10,00	11,94	0,68	1,94	2,69	3,10	8,88	12,30	95
	1.5+1.5+1.5+3.5+7.1	0,99	0,99	0,99	2,32	4,70	4,96	10,00	11,97	0,74	1,91	2,68	3,40	8,75	12,26	95
	1.5+1.5+1.5+4.2+4.2	1,16	1,16	1,16	3,26	3,26	4,32	10,00	11,58	0,69	2,02	2,76	3,14	9,25	12,65	95
	1.5+1.5+1.5+4.2+5.0	1,09	1,09	1,09	3,07	3,65	4,55	10,00	11,71	0,71	1,97	2,77	3,27	9,02	12,70	95
	1.5+1.5+1.5+4.2+6.0	1,02	1,02	1,02	2,86	4,08	4,85	10,00	11,95	0,72	1,91	2,69	3,31	8,75	12,30	95
	1.5+1.5+1.5+5.0+5.0	1,03	1,03	1,03	3,45	3,45	4,78	10,00	11,84	0,71	1,90	2,73	3,27	8,70	12,48	95
	1.5+1.5+1.5+5.0+6.0	0,97	0,97	0,97	3,23	3,87	5,07	10,00	12,07	0,74	1,87	2,64	3,40	8,56	12,08	95
	1.5+1.5+2.0+2.0+2.0	1,67	1,67	2,22	2,22	2,22	3,20	10,00	11,54	0,50	2,10	2,77	2,28	9,62	12,70	95
	1.5+1.5+2.0+2.0+2.5	1,58	1,58	2,11	2,11	2,63	3,35	10,00	11,54	0,52	2,09	2,77	2,37	9,57	12,70	95
	1.5+1.5+2.0+2.0+3.5	1,43	1,43	1,90	1,90	3,33	3,63	10,00	11,55	0,56	2,09	2,77	2,58	9,57	12,70	95
	1.5+1.5+2.0+2.0+4.2	1,34	1,34	1,79	1,79	3,75	3,84	10,00	11,55	0,60	2,08	2,77	2,75	9,52	12,70	95
	1.5+1.5+2.0+2.0+5.0	1,25	1,25	1,67	1,67	4,17	4,07	10,00	11,69	0,62	2,07	2,78	2,84	9,48	12,74	95
	1.5+1.5+2.0+2.0+6.0	1,15	1,15	1,54	1,54	4,62	4,36	10,00	11,93	0,63	2,07	2,70	2,88	9,48	12,35	95
	1.5+1.5+2.0+2.0+7.1	1,06	1,06	1,42	1,42	5,04	4,67	10,00	11,96	0,67	2,06	2,68	3,05	9,43	12,26	95
	1.5+1.5+2.0+2.5+2.5	1,50	1,50	2,00	2,50	2,50	3,49	10,00	11,54	0,55	2,09	2,77	2,50	9,57	12,70	95
	1.5+1.5+2.0+2.5+3.5	1,36	1,36	1,82	2,27	3,18	3,77	10,00	11,55	0,58	2,08	2,77	2,67	9,52	12,70	95
	1.5+1.5+2.0+2.5+4.2	1,28	1,28	1,71	2,14	3,59	3,98	10,00	11,55	0,62	2,08	2,77	2,84	9,52	12,70	95
	1.5+1.5+2.0+2.5+5.0	1,20	1,20	1,60	2,00	4,00	4,21	10,00	11,69	0,65	2,07	2,78	2,97	9,48	12,74	95
	1.5+1.5+2.0+2.5+6.0	1,11	1,11	1,48	1,85	4,44	4,50	10,00	11,93	0,65	2,03	2,70	2,97	9,30	12,35	95

Notes

1. The total capacity of each connected indoor unit is up to 15.5kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTX-M, FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1.5+1.5+2.0+2.5+7.1	1,03	1,03	1,37	1,71	4,86	4,81	10,00	11,96	0,71	2,02	2,68	3,27	9,25	12,26	95
	1.5+1.5+2.0+3.5+3.5	1,25	1,25	1,67	2,92	2,92	4,07	10,00	11,55	0,65	2,08	2,77	2,97	9,52	12,70	95
	1.5+1.5+2.0+3.5+4.2	1,18	1,18	1,57	2,76	3,31	4,26	10,00	11,56	0,67	2,07	2,77	3,05	9,48	12,70	95
	1.5+1.5+2.0+3.5+5.0	1,11	1,11	1,48	2,59	3,70	4,50	10,00	11,70	0,70	2,06	2,77	3,18	9,43	12,70	95
	1.5+1.5+2.0+3.5+6.0	1,03	1,03	1,38	2,41	4,14	4,78	10,00	11,94	0,70	2,02	2,69	3,18	9,25	12,30	95
	1.5+1.5+2.0+3.5+7.1	0,96	0,96	1,28	2,24	4,55	5,10	10,00	11,97	0,76	1,99	2,68	3,48	9,11	12,26	95
	1.5+1.5+2.0+4.2+4.2	1,12	1,12	1,49	3,13	3,13	4,47	10,00	11,58	0,71	2,07	2,76	3,27	9,48	12,65	95
	1.5+1.5+2.0+4.2+5.0	1,06	1,06	1,41	2,96	3,52	4,70	10,00	11,71	0,74	2,06	2,77	3,40	9,43	12,70	95
	1.5+1.5+2.0+4.2+6.0	0,99	0,99	1,32	2,76	3,95	4,99	10,00	11,95	0,74	2,05	2,69	3,40	9,39	12,30	95
	1.5+1.5+2.0+5.0+5.0	1,00	1,00	1,33	3,33	3,33	4,93	10,00	11,84	0,77	2,00	2,73	3,53	9,16	12,48	95
	1.5+1.5+2.5+2.5+2.5	1,43	1,43	2,38	2,38	2,38	3,63	10,00	11,54	0,56	2,08	2,77	2,58	9,52	12,70	95
	1.5+1.5+2.5+2.5+3.5	1,30	1,30	2,17	2,17	3,04	3,92	10,00	11,55	0,63	2,07	2,77	2,88	9,48	12,70	95
	1.5+1.5+2.5+2.5+4.2	1,23	1,23	2,05	2,05	3,44	4,12	10,00	11,55	0,65	2,07	2,77	2,97	9,48	12,70	95
	1.5+1.5+2.5+2.5+5.0	1,15	1,15	1,92	1,92	3,85	4,36	10,00	11,69	0,67	2,06	2,78	3,05	9,43	12,74	95
	1.5+1.5+2.5+2.5+6.0	1,07	1,07	1,79	1,79	4,29	4,64	10,00	11,93	0,68	2,05	2,70	3,10	9,39	12,35	95
	1.5+1.5+2.5+2.5+7.1	0,99	0,99	1,66	1,66	4,70	4,96	10,00	11,96	0,74	2,05	2,68	3,40	9,39	12,26	95
	1.5+1.5+2.5+3.5+3.5	1,20	1,20	2,00	2,80	2,80	4,21	10,00	11,55	0,67	2,07	2,77	3,05	9,48	12,70	95
	1.5+1.5+2.5+3.5+4.2	1,14	1,14	1,89	2,65	3,18	4,41	10,00	11,56	0,71	2,07	2,77	3,27	9,48	12,70	95
	1.5+1.5+2.5+3.5+5.0	1,07	1,07	1,79	2,50	3,57	4,64	10,00	11,70	0,71	2,05	2,77	3,27	9,39	12,70	95
	1.5+1.5+2.5+3.5+6.0	1,00	1,00	1,67	2,33	4,00	4,93	10,00	11,94	0,74	2,05	2,69	3,40	9,39	12,30	95
	1.5+1.5+2.5+4.2+4.2	1,08	1,08	1,80	3,02	3,02	4,61	10,00	11,58	0,74	2,06	2,76	3,40	9,43	12,65	95
	1.5+1.5+2.5+4.2+5.0	1,02	1,02	1,70	2,86	3,40	4,85	10,00	11,71	0,77	2,05	2,77	3,53	9,39	12,70	95
	1.5+1.5+2.5+5.0+5.0	0,97	0,97	1,61	3,23	3,23	5,07	10,00	11,84	0,79	2,00	2,73	3,61	9,16	12,48	95
	1.5+1.5+3.5+3.5+3.5	1,11	1,11	2,59	2,59	2,59	4,50	10,00	11,56	0,71	2,05	2,77	3,27	9,39	12,70	95
	1.5+1.5+3.5+3.5+4.2	1,06	1,06	2,46	2,46	2,96	4,70	10,00	11,58	0,76	2,04	2,76	3,48	9,34	12,65	95
	1.5+1.5+3.5+3.5+5.0	1,00	1,00	2,33	2,33	3,33	4,93	10,00	11,71	0,79	2,03	2,77	3,61	9,30	12,70	95
	1.5+1.5+3.5+4.2+4.2	1,01	1,01	2,35	2,82	2,82	4,90	10,00	11,59	0,82	2,04	2,76	3,74	9,34	12,65	95
	1.5+2.0+2.0+2.0+2.0	1,58	2,11	2,11	2,11	2,11	3,35	10,00	11,54	0,52	2,07	2,77	2,37	9,48	12,70	95
	1.5+2.0+2.0+2.0+2.5	1,50	2,00	2,00	2,00	2,50	3,49	10,00	11,54	0,55	2,07	2,77	2,50	9,48	12,70	95
	1.5+2.0+2.0+2.0+3.5	1,36	1,82	1,82	1,82	3,18	3,77	10,00	11,55	0,58	2,06	2,77	2,67	9,43	12,70	95
	1.5+2.0+2.0+2.0+4.2	1,28	1,71	1,71	1,71	3,59	3,98	10,00	11,55	0,62	2,06	2,77	2,84	9,43	12,70	95
	1.5+2.0+2.0+2.0+5.0	1,20	1,60	1,60	1,60	4,00	4,21	10,00	11,69	0,65	2,05	2,78	2,97	9,39	12,74	95
	1.5+2.0+2.0+2.0+6.0	1,11	1,48	1,48	1,48	4,44	4,50	10,00	11,93	0,65	2,04	2,70	2,97	9,34	12,35	95
	1.5+2.0+2.0+2.0+7.1	1,03	1,37	1,37	1,37	4,86	4,81	10,00	11,96	0,71	2,00	2,68	3,27	9,16	12,26	95
	1.5+2.0+2.0+2.5+2.5	1,43	1,90	1,90	2,38	2,38	3,63	10,00	11,54	0,56	2,07	2,77	2,58	9,48	12,70	95
	1.5+2.0+2.0+2.5+3.5	1,30	1,74	1,74	2,17	3,04	3,92	10,00	11,55	0,63	2,06	2,77	2,88	9,43	12,70	95
	1.5+2.0+2.0+2.5+4.2	1,23	1,64	1,64	2,05	3,44	4,12	10,00	11,55	0,65	2,05	2,77	2,97	9,39	12,70	95
	1.5+2.0+2.0+2.5+5.0	1,15	1,54	1,54	1,92	3,85	4,36	10,00	11,69	0,67	2,04	2,78	3,05	9,34	12,74	95
	1.5+2.0+2.0+2.5+6.0	1,07	1,43	1,43	1,79	4,29	4,64	10,00	11,93	0,68	2,04	2,70	3,10	9,34	12,35	95
	1.5+2.0+2.0+2.5+7.1	0,99	1,32	1,32	1,66	4,70	4,96	10,00	11,96	0,74	2,00	2,68	3,40	9,16	12,26	95
	1.5+2.0+2.0+3.5+3.5	1,20	1,60	1,60	2,80	2,80	4,21	10,00	11,55	0,67	2,05	2,77	3,05	9,39	12,70	95
	1.5+2.0+2.0+3.5+4.2	1,14	1,52	1,52	2,65	3,18	4,41	10,00	11,56	0,71	2,05	2,77	3,27	9,39	12,70	95
	1.5+2.0+2.0+3.5+5.0	1,07	1,43	1,43	2,50	3,57	4,64	10,00	11,70	0,71	2,04	2,77	3,27	9,34	12,70	95
	1.5+2.0+2.0+3.5+6.0	1,00	1,33	1,33	2,33	4,00	4,93	10,00	11,94	0,74	2,00	2,69	3,40	9,16	12,30	95

Notes

1. The total capacity of each connected indoor unit is up to 15.5kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTX-M, FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

3D103937A

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	1.5+2.0+2.0+4.2+4.2	1,08	1,44	1,44	3,02	3,02	4,61	10,00	11,58	0,74	2,05	2,76	3,40	9,39	12,65	95
	1.5+2.0+2.0+4.2+5.0	1,02	1,36	1,36	2,86	3,40	4,85	10,00	11,71	0,77	2,03	2,77	3,53	9,30	12,70	95
	1.5+2.0+2.0+5.0+5.0	0,97	1,29	1,29	3,23	3,23	5,07	10,00	11,84	0,79	2,00	2,73	3,61	9,16	12,48	95
	1.5+2.0+2.5+2.5+2.5	1,36	1,82	2,27	2,27	2,27	3,77	10,00	11,54	0,58	2,07	2,77	2,67	9,48	12,70	95
	1.5+2.0+2.5+2.5+3.5	1,25	1,67	2,08	2,08	2,92	4,07	10,00	11,55	0,65	2,06	2,77	2,97	9,43	12,70	95
	1.5+2.0+2.5+2.5+4.2	1,18	1,57	1,97	1,97	3,31	4,26	10,00	11,55	0,67	2,05	2,77	3,05	9,39	12,70	95
	1.5+2.0+2.5+2.5+5.0	1,11	1,48	1,85	1,85	3,70	4,50	10,00	11,69	0,70	2,04	2,78	3,18	9,34	12,74	95
	1.5+2.0+2.5+2.5+6.0	1,03	1,38	1,72	1,72	4,14	4,78	10,00	11,93	0,70	2,04	2,70	3,18	9,34	12,35	95
	1.5+2.0+2.5+2.5+7.1	0,96	1,28	1,60	1,60	4,55	5,10	10,00	11,96	0,77	2,00	2,68	3,53	9,16	12,26	95
	1.5+2.0+2.5+3.5+3.5	1,15	1,54	1,92	2,69	2,69	4,36	10,00	11,55	0,70	2,05	2,77	3,18	9,39	12,70	95
	1.5+2.0+2.5+3.5+4.2	1,09	1,46	1,82	2,55	3,07	4,55	10,00	11,56	0,74	2,05	2,77	3,40	9,39	12,70	95
	1.5+2.0+2.5+3.5+5.0	1,03	1,38	1,72	2,41	3,45	4,78	10,00	11,70	0,77	2,04	2,77	3,53	9,34	12,70	95
	1.5+2.0+2.5+3.5+6.0	0,97	1,29	1,61	2,26	3,87	5,07	10,00	11,94	0,77	2,00	2,69	3,53	9,16	12,30	95
	1.5+2.0+2.5+4.2+4.2	1,04	1,39	1,74	2,92	2,92	4,75	10,00	11,58	0,76	2,05	2,76	3,48	9,39	12,65	95
	1.5+2.0+2.5+4.2+5.0	0,99	1,32	1,64	2,76	3,29	4,99	10,00	11,71	0,79	1,99	2,77	3,61	9,11	12,70	95
	1.5+2.0+3.5+3.5+3.5	1,07	1,43	2,50	2,50	2,50	4,64	10,00	11,56	0,77	2,05	2,77	3,53	9,39	12,70	95
	1.5+2.0+3.5+3.5+4.2	1,02	1,36	2,38	2,38	2,86	4,85	10,00	11,58	0,79	2,05	2,76	3,61	9,39	12,65	95
	1.5+2.0+3.5+3.5+5.0	0,97	1,29	2,26	2,26	3,23	5,07	10,00	11,71	0,82	2,00	2,77	3,74	9,16	12,70	95
	1.5+2.0+3.5+4.2+4.2	0,97	1,30	2,27	2,73	2,73	5,04	10,00	11,59	0,85	2,04	2,76	3,87	9,34	12,65	95
	1.5+2.5+2.5+2.5+2.5	1,30	2,17	2,17	2,17	2,17	3,92	10,00	11,54	0,63	2,06	2,77	2,88	9,43	12,70	95
	1.5+2.5+2.5+2.5+3.5	1,20	2,00	2,00	2,00	2,80	4,21	10,00	11,55	0,67	2,03	2,77	3,05	9,30	12,70	95
	1.5+2.5+2.5+2.5+4.2	1,14	1,89	1,89	1,89	3,18	4,41	10,00	11,55	0,71	2,03	2,77	3,27	9,30	12,70	95
	1.5+2.5+2.5+2.5+5.0	1,07	1,79	1,79	1,79	3,57	4,64	10,00	11,69	0,71	1,98	2,78	3,27	9,07	12,74	95
	1.5+2.5+2.5+2.5+6.0	1,00	1,67	1,67	1,67	4,00	4,93	10,00	11,93	0,75	1,98	2,70	3,44	9,07	12,35	95
	1.5+2.5+2.5+3.5+3.5	1,11	1,85	1,85	2,59	2,59	4,50	10,00	11,55	0,71	2,03	2,77	3,27	9,30	12,70	95
	1.5+2.5+2.5+3.5+4.2	1,06	1,76	1,76	2,46	2,96	4,70	10,00	11,56	0,77	2,02	2,77	3,53	9,25	12,70	95
	1.5+2.5+2.5+3.5+5.0	1,00	1,67	1,67	2,33	3,33	4,93	10,00	11,70	0,79	1,97	2,77	3,61	9,02	12,70	95
	1.5+2.5+2.5+4.2+4.2	1,01	1,68	1,68	2,82	2,82	4,90	10,00	11,58	0,82	2,02	2,76	3,74	9,25	12,65	95
	1.5+2.5+3.5+3.5+3.5	1,03	1,72	2,41	2,41	2,41	4,78	10,00	11,56	0,79	2,02	2,77	3,61	9,25	12,70	95
	1.5+2.5+3.5+3.5+4.2	0,99	1,64	2,30	2,30	2,76	4,99	10,00	11,58	0,82	2,02	2,76	3,74	9,25	12,65	95
	1.5+3.5+3.5+3.5+3.5	0,97	2,26	2,26	2,26	2,26	5,07	10,00	11,58	0,85	2,00	2,76	3,87	9,16	12,65	95
	2.0+2.0+2.0+2.0+2.0	2,00	2,00	2,00	2,00	2,00	3,49	10,00	11,54	0,55	2,05	2,77	2,50	9,39	12,70	95
	2.0+2.0+2.0+2.0+2.5	1,90	1,90	1,90	1,90	2,38	3,63	10,00	11,54	0,56	2,05	2,77	2,58	9,39	12,70	95
	2.0+2.0+2.0+2.0+3.5	1,74	1,74	1,74	1,74	3,04	3,92	10,00	11,55	0,63	2,04	2,77	2,88	9,34	12,70	95
	2.0+2.0+2.0+2.0+4.2	1,64	1,64	1,64	1,64	3,44	4,12	10,00	11,55	0,65	2,03	2,77	2,97	9,30	12,70	95
	2.0+2.0+2.0+2.0+5.0	1,54	1,54	1,54	1,54	3,85	4,36	10,00	11,69	0,67	2,00	2,78	3,05	9,16	12,74	95
	2.0+2.0+2.0+2.0+6.0	1,43	1,43	1,43	1,43	4,29	4,64	10,00	11,93	0,68	1,99	2,70	3,10	9,11	12,35	95
	2.0+2.0+2.0+2.0+7.1	1,32	1,32	1,32	1,32	4,70	4,96	10,00	11,96	0,74	1,99	2,68	3,40	9,11	12,26	95
	2.0+2.0+2.0+2.5+2.5	1,82	1,82	1,82	2,27	2,27	3,77	10,00	11,54	0,58	2,04	2,77	2,67	9,34	12,70	95
	2.0+2.0+2.0+2.5+3.5	1,67	1,67	1,67	2,08	2,92	4,07	10,00	11,55	0,65	2,03	2,77	2,97	9,30	12,70	95
	2.0+2.0+2.0+2.5+4.2	1,57	1,57	1,57	1,97	3,31	4,26	10,00	11,55	0,67	2,03	2,77	3,05	9,30	12,70	95
	2.0+2.0+2.0+2.5+5.0	1,48	1,48	1,48	1,85	3,70	4,50	10,00	11,69	0,70	1,99	2,78	3,18	9,11	12,74	95
	2.0+2.0+2.0+2.5+6.0	1,38	1,38	1,38	1,72	4,14	4,78	10,00	11,93	0,70	1,99	2,70	3,18	9,11	12,35	95
	2.0+2.0+2.0+2.5+7.1	1,28	1,28	1,28	1,60	4,55	5,10	10,00	11,96	0,77	1,98	2,68	3,53	9,07	12,26	95

Notes

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTX-M, FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

4 Combination table

4 - 1 Combination Table

5MXM90M

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90M2V1B	2.0+2.0+2.0+3.5+3.5	1,54	1,54	1,54	2,69	2,69	3,77	10,00	11,54	0,58	2,03	2,77	2,67	9,30	12,70	95
	2.0+2.0+2.0+3.5+4.2	1,46	1,46	1,46	2,55	3,07	4,55	10,00	11,56	0,74	2,03	2,77	3,40	9,30	12,70	95
	2.0+2.0+2.0+3.5+5.0	1,38	1,38	1,38	2,41	3,45	4,78	10,00	11,70	0,77	1,99	2,77	3,53	9,11	12,70	95
	2.0+2.0+2.0+3.5+6.0	1,29	1,29	1,29	2,26	3,87	5,07	10,00	11,94	0,77	1,99	2,69	3,53	9,11	12,30	95
	2.0+2.0+2.0+4.2+4.2	1,39	1,39	1,39	2,92	2,92	4,75	10,00	11,58	0,76	2,02	2,76	3,48	9,25	12,65	95
	2.0+2.0+2.0+4.2+5.0	1,32	1,32	1,32	2,76	3,29	4,99	10,00	11,71	0,79	2,01	2,83	3,61	9,20	12,96	95
	2.0+2.0+2.5+2.5+2.5	1,74	1,74	2,17	2,17	2,17	3,92	10,00	11,54	0,63	2,04	2,77	2,88	9,34	12,70	95
	2.0+2.0+2.5+2.5+3.5	1,60	1,60	2,00	2,00	2,80	4,21	10,00	11,55	0,67	2,03	2,77	3,05	9,30	12,70	95
	2.0+2.0+2.5+2.5+4.2	1,52	1,52	1,89	1,89	3,18	4,41	10,00	11,55	0,70	2,03	2,77	3,18	9,30	12,70	95
	2.0+2.0+2.5+2.5+5.0	1,43	1,43	1,79	1,79	3,57	4,64	10,00	11,69	0,71	1,99	2,78	3,27	9,11	12,74	95
	2.0+2.0+2.5+2.5+6.0	1,33	1,33	1,67	1,67	4,00	4,93	10,00	11,93	0,75	1,99	2,70	3,44	9,11	12,35	95
	2.0+2.0+2.5+3.5+3.5	1,48	1,48	1,85	2,59	2,59	4,50	10,00	11,55	0,71	1,99	2,77	3,27	9,11	12,70	95
	2.0+2.0+2.5+3.5+4.2	1,41	1,41	1,76	2,46	2,96	4,70	10,00	11,56	0,77	1,99	2,77	3,53	9,11	12,70	95
	2.0+2.0+2.5+3.5+5.0	1,33	1,33	1,67	2,33	3,33	4,93	10,00	11,70	0,79	1,98	2,77	3,61	9,07	12,70	95
	2.0+2.0+2.5+4.2+4.2	1,34	1,34	1,68	2,82	2,82	4,90	10,00	11,58	0,82	1,99	2,82	3,74	9,11	12,92	95
	2.0+2.0+3.5+3.5+3.5	1,38	1,38	2,41	2,41	2,41	4,78	10,00	11,56	0,79	1,99	2,77	3,61	9,11	12,70	95
	2.0+2.0+3.5+3.5+4.2	1,32	1,32	2,30	2,30	2,76	4,99	10,00	11,58	0,82	1,99	2,82	3,74	9,11	12,92	95
	2.0+2.5+2.5+2.5+2.5	1,67	2,08	2,08	2,08	2,08	4,07	10,00	11,54	0,65	2,03	2,77	2,97	9,30	12,70	95
	2.0+2.5+2.5+2.5+3.5	1,54	1,92	1,92	1,92	2,69	4,36	10,00	11,55	0,70	2,03	2,77	3,18	9,30	12,70	95
	2.0+2.5+2.5+2.5+4.2	1,46	1,82	1,82	1,82	3,07	4,55	10,00	11,55	0,74	2,02	2,77	3,40	9,25	12,70	95
	2.0+2.5+2.5+2.5+5.0	1,38	1,72	1,72	1,72	3,45	4,78	10,00	11,69	0,77	1,99	2,78	3,53	9,11	12,74	95
	2.0+2.5+2.5+2.5+6.0	1,29	1,61	1,61	1,61	3,87	5,07	10,00	11,93	0,77	1,98	2,70	3,53	9,07	12,35	95
	2.0+2.5+2.5+3.5+3.5	1,43	1,79	1,79	2,50	2,50	4,64	10,00	11,55	0,77	1,99	2,77	3,53	9,11	12,70	95
	2.0+2.5+2.5+3.5+4.2	1,36	1,70	1,70	2,38	2,86	4,85	10,00	11,56	0,79	1,99	2,77	3,61	9,11	12,70	95
	2.0+2.5+2.5+3.5+5.0	1,29	1,61	1,61	2,26	3,23	5,07	10,00	11,70	0,82	1,98	2,77	3,74	9,07	12,70	95
	2.0+2.5+2.5+4.2+4.2	1,30	1,62	1,62	2,73	2,73	5,04	10,00	11,58	0,85	1,99	2,82	3,87	9,11	12,92	95
	2.0+2.5+3.5+3.5+3.5	1,33	1,67	2,33	2,33	2,33	4,93	10,00	11,56	0,82	1,99	2,77	3,74	9,11	12,70	95
	2.5+2.5+2.5+2.5+2.5	2,00	2,00	2,00	2,00	2,00	4,21	10,00	11,54	0,68	2,03	2,77	3,10	9,30	12,70	95
	2.5+2.5+2.5+2.5+3.5	1,85	1,85	1,85	1,85	2,59	4,50	10,00	11,55	0,72	2,02	2,77	3,31	9,25	12,70	95
	2.5+2.5+2.5+2.5+4.2	1,76	1,76	1,76	1,76	2,96	4,70	10,00	11,55	0,77	2,02	2,77	3,53	9,25	12,70	95
	2.5+2.5+2.5+2.5+5.0	1,67	1,67	1,67	1,67	3,33	4,93	10,00	11,69	0,80	2,00	2,78	3,66	9,16	12,74	95
	2.5+2.5+2.5+3.5+3.5	1,72	1,72	1,72	2,41	2,41	4,78	10,00	11,55	0,80	2,02	2,77	3,66	9,25	12,70	95
	2.5+2.5+2.5+3.5+4.2	1,64	1,64	1,64	2,30	2,76	4,99	10,00	11,56	0,82	2,01	2,77	3,74	9,20	12,70	95
	2.5+2.5+3.5+3.5+3.5	1,61	1,61	2,26	2,26	2,26	5,07	10,00	11,56	0,85	1,99	2,77	3,87	9,11	12,70	95

Notes

1. The total capacity of each connected indoor unit is up to 15.5kW.
2. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted FTXM-M series
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
   Indoor temperature 20°C DB
   Outdoor temperature 7°C DB / 6°C WB

3D103939A

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1,5	22,0	3,00	0,75	3,14	0,76	3,28	0,78	3,35	0,79	3,56	0,81	3,70	0,83
	25,0	2,91	0,78	3,05	0,79	3,19	0,81	3,26	0,82	3,47	0,84	3,61	0,86
	32,0	2,72	0,85	2,86	0,87	2,99	0,89	3,06	0,90	3,27	0,92	3,41	0,94
	35,0	2,63	0,89	2,77	0,91	2,91	0,92	2,98	0,93	3,19	0,96	3,33	0,97
	40,0	2,49	0,95	2,63	0,97	2,77	0,99	2,84	0,99	3,05	1,02	3,19	1,03
	43,0	2,41	0,99	2,54	1,01	2,68	1,03	2,75	1,03	2,96	1,06	3,10	1,07
	46,0	2,32	1,03	2,46	1,05	2,60	1,07	2,67	1,07	2,88	1,10	3,02	1,12
2,0	22,0	3,11	0,81	3,25	0,82	3,39	0,84	3,46	0,85	3,67	0,87	3,81	0,89
	25,0	3,02	0,84	3,16	0,85	3,30	0,87	3,37	0,88	3,58	0,90	3,72	0,92
	32,0	2,83	0,91	2,97	0,93	3,10	0,95	3,17	0,96	3,38	0,98	3,52	1,00
	35,0	2,74	0,95	2,88	0,97	3,02	0,98	3,09	0,99	3,30	1,02	3,44	1,03
	40,0	2,60	1,01	2,74	1,03	2,88	1,05	2,95	1,05	3,16	1,08	3,30	1,09
	43,0	2,52	1,05	2,65	1,07	2,79	1,09	2,86	1,09	3,07	1,12	3,21	1,13
	46,0	2,43	1,09	2,57	1,11	2,71	1,13	2,78	1,13	2,99	1,16	3,13	1,18
2,5	22,0	3,63	0,96	3,77	0,97	3,91	0,99	3,98	1,00	4,19	1,02	4,33	1,04
	25,0	3,54	0,99	3,68	1,00	3,82	1,02	3,89	1,03	4,10	1,05	4,24	1,07
	32,0	3,35	1,06	3,49	1,08	3,62	1,10	3,69	1,11	3,90	1,13	4,04	1,15
	35,0	3,26	1,10	3,40	1,12	3,54	1,13	3,61	1,14	3,82	1,17	3,96	1,18
	40,0	3,12	1,16	3,26	1,18	3,40	1,20	3,47	1,20	3,68	1,23	3,82	1,24
	43,0	3,04	1,20	3,17	1,22	3,31	1,24	3,38	1,24	3,59	1,27	3,73	1,28
	46,0	2,95	1,24	3,09	1,26	3,23	1,28	3,30	1,28	3,51	1,31	3,65	1,33
3,5	22,0	3,39	0,66	4,14	0,85	4,95	1,06	5,38	1,08	5,84	1,26	6,06	1,29
	25,0	3,39	0,71	4,14	0,91	4,95	1,14	5,37	1,27	5,70	1,31	5,92	1,33
	32,0	3,39	0,85	4,14	1,09	4,94	1,37	5,05	1,38	5,39	1,42	5,61	1,44
	35,0	3,39	0,92	4,14	1,18	4,81	1,42	4,92	1,43	5,25	1,47	5,48	1,49
	40,0	3,39	1,05	4,14	1,36	4,58	1,51	4,70	1,52	5,03	1,56	5,25	1,58
	43,0	3,39	1,15	4,14	1,49	4,45	1,57	4,56	1,58	4,89	1,61	5,12	1,64
	46,0	3,39	1,26	4,09	1,60	4,32	1,63	4,43	1,64	4,76	1,67	4,98	1,70
4,2	22,0	3,53	0,77	4,28	0,96	5,09	1,17	5,52	1,19	5,98	1,37	6,20	1,40
	25,0	3,53	0,82	4,28	1,02	5,09	1,25	5,51	1,38	5,84	1,42	6,06	1,44
	32,0	3,53	0,96	4,28	1,20	5,08	1,48	5,19	1,49	5,53	1,53	5,75	1,55
	35,0	3,53	1,03	4,28	1,29	4,95	1,53	5,06	1,54	5,39	1,58	5,62	1,60
	40,0	3,53	1,16	4,28	1,47	4,72	1,62	4,84	1,63	5,17	1,67	5,39	1,69
	43,0	3,53	1,26	4,28	1,60	4,59	1,68	4,70	1,69	5,03	1,72	5,26	1,75
	46,0	3,53	1,37	4,23	1,71	4,46	1,74	4,57	1,75	4,90	1,78	5,12	1,81
5,0	22,0	4,36	0,83	5,27	1,09	6,25	1,41	6,53	1,49	6,91	1,53	7,16	1,56
	25,0	4,36	0,90	5,27	1,18	6,25	1,53	6,37	1,54	6,75	1,59	7,01	1,61
	32,0	4,36	1,08	5,27	1,44	5,89	1,66	6,01	1,68	6,39	1,72	6,65	1,75
	35,0	4,36	1,18	5,27	1,57	5,73	1,73	5,94	1,74	6,24	1,79	6,49	1,82
	40,0	4,36	1,37	5,22	1,81	5,48	1,84	5,60	1,85	5,98	1,90	6,24	1,93
	43,0	4,36	1,51	5,07	1,88	5,32	1,91	5,45	1,93	5,83	1,97	6,08	2,00
	46,0	4,36	1,67	4,92	1,96	5,17	1,99	5,30	2,00	5,68	2,04	5,93	2,07

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
6,0	22,0	5,15	1,26	6,06	1,52	7,04	1,84	7,32	1,92	7,70	1,96	7,95	1,99
	25,0	5,15	1,33	6,06	1,61	7,04	1,96	7,16	1,97	7,54	2,02	7,80	2,04
	32,0	5,15	1,51	6,06	1,87	6,68	2,09	6,80	2,11	7,18	2,15	7,44	2,18
	35,0	5,15	1,61	6,06	2,00	6,52	2,16	6,73	2,17	7,03	2,22	7,28	2,25
	40,0	5,15	1,80	6,01	2,24	6,27	2,27	6,39	2,28	6,77	2,33	7,03	2,36
	43,0	5,15	1,94	5,86	2,31	6,11	2,34	6,24	2,36	6,62	2,40	6,87	2,43
	46,0	5,15	2,10	5,71	2,39	5,96	2,42	6,09	2,43	6,47	2,47	6,72	2,50
7,1	22,0	5,95	1,75	6,86	2,01	7,84	2,33	8,12	2,41	8,50	2,45	8,75	2,48
	25,0	5,95	1,82	6,86	2,10	7,84	2,45	7,96	2,46	8,34	2,51	8,60	2,53
	32,0	5,95	2,00	6,86	2,36	7,48	2,58	7,60	2,60	7,98	2,64	8,24	2,67
	35,0	5,95	2,10	6,86	2,49	7,32	2,65	7,53	2,66	7,83	2,71	8,08	2,74
	40,0	5,95	2,29	6,81	2,73	7,07	2,76	7,19	2,77	7,57	2,82	7,83	2,85
	43,0	5,95	2,43	6,66	2,80	6,91	2,83	7,04	2,85	7,42	2,89	7,67	2,92
	46,0	5,95	2,59	6,51	2,88	6,76	2,91	6,89	2,92	7,27	2,96	7,52	2,99
1.5+1.5	22,0	4,14	0,69	4,39	0,72	4,63	0,75	4,75	0,76	5,12	0,81	5,36	0,83
	25,0	3,99	0,74	4,24	0,77	4,48	0,80	4,60	0,82	4,97	0,86	5,21	0,89
	32,0	3,65	0,88	3,89	0,91	4,14	0,94	4,26	0,95	4,62	0,99	4,87	1,02
	35,0	3,50	0,94	3,74	0,97	3,99	1,00	4,11	1,01	4,48	1,05	4,72	1,08
	40,0	3,25	1,05	3,50	1,08	3,74	1,11	3,86	1,12	4,23	1,16	4,47	1,19
	43,0	3,10	1,12	3,35	1,15	3,59	1,18	3,72	1,19	4,08	1,23	4,33	1,26
	46,0	2,96	1,19	3,20	1,22	3,44	1,25	3,57	1,26	3,93	1,31	4,18	1,34
1.5+2.0	22,0	4,62	0,87	4,87	0,90	5,11	0,93	5,23	0,94	5,60	0,99	5,84	1,01
	25,0	4,47	0,92	4,72	0,95	4,96	0,98	5,08	1,00	5,45	1,04	5,69	1,07
	32,0	4,13	1,06	4,37	1,09	4,62	1,12	4,74	1,13	5,10	1,17	5,35	1,20
	35,0	3,98	1,12	4,22	1,15	4,47	1,18	4,59	1,19	4,96	1,23	5,20	1,26
	40,0	3,73	1,23	3,98	1,26	4,22	1,29	4,34	1,30	4,71	1,34	4,95	1,37
	43,0	3,58	1,30	3,83	1,33	4,07	1,36	4,20	1,37	4,56	1,41	4,81	1,44
	46,0	3,44	1,37	3,68	1,40	3,92	1,43	4,05	1,44	4,41	1,49	4,66	1,52
1.5+2.5	22,0	5,09	0,91	5,34	0,94	5,58	0,97	5,70	0,98	6,07	1,03	6,31	1,05
	25,0	4,94	0,96	5,19	0,99	5,43	1,02	5,55	1,04	5,92	1,08	6,16	1,11
	32,0	4,60	1,10	4,84	1,13	5,09	1,16	5,21	1,17	5,57	1,21	5,82	1,24
	35,0	4,45	1,16	4,69	1,19	4,94	1,22	5,06	1,23	5,43	1,27	5,67	1,30
	40,0	4,20	1,27	4,45	1,30	4,69	1,33	4,81	1,34	5,18	1,38	5,42	1,41
	43,0	4,05	1,34	4,30	1,37	4,54	1,40	4,67	1,41	5,03	1,45	5,28	1,48
	46,0	3,91	1,41	4,15	1,44	4,39	1,47	4,52	1,48	4,88	1,53	5,13	1,56
1.5+3.5	22,0	5,98	1,22	6,27	1,25	6,46	1,28	6,71	1,30	7,15	1,35	7,44	1,38
	25,0	5,80	1,28	6,09	1,31	6,39	1,35	6,53	1,36	6,97	1,41	7,26	1,45
	32,0	5,39	1,44	5,68	1,47	5,97	1,50	6,12	1,52	6,56	1,57	6,85	1,60
	35,0	5,21	1,51	5,50	1,54	5,79	1,58	5,94	1,59	6,38	1,64	6,67	1,68
	40,0	4,91	1,64	5,20	1,67	5,50	1,70	5,64	1,72	6,08	1,77	6,38	1,80
	43,0	4,73	1,72	5,03	1,75	5,32	1,79	5,47	1,80	5,91	1,85	6,20	1,89
	46,0	4,56	1,80	4,85	1,84	5,14	1,87	5,29	1,89	5,73	1,94	6,02	1,97

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series
4. Editable data for this drawing are available in the GDE system.

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104099

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+4.2	22,0	6,54	1,49	6,83	1,52	7,02	1,55	7,27	1,57	7,71	1,62	8,00	1,65
	25,0	6,36	1,55	6,65	1,58	6,95	1,62	7,09	1,63	7,53	1,68	7,82	1,72
	32,0	5,95	1,71	6,24	1,74	6,53	1,77	6,68	1,79	7,12	1,84	7,41	1,87
	35,0	5,77	1,78	6,06	1,81	6,35	1,85	6,50	1,86	6,94	1,91	7,23	1,95
	40,0	5,47	1,91	5,76	1,94	6,06	1,97	6,20	1,99	6,64	2,04	6,94	2,07
	43,0	5,29	1,99	5,59	2,02	5,88	2,06	6,03	2,07	6,47	2,12	6,76	2,16
	46,0	5,12	2,07	5,41	2,11	5,70	2,14	5,85	2,16	6,29	2,21	6,58	2,24
1.5+5.0	22,0	7,14	1,68	7,49	1,73	7,83	1,77	7,99	1,79	8,50	1,85	8,84	1,90
	25,0	6,95	1,76	7,29	1,81	7,62	1,85	7,79	1,87	8,30	1,93	8,46	1,97
	32,0	6,47	1,96	6,81	2,00	7,15	2,04	7,31	2,06	7,82	2,12	8,16	2,17
	35,0	6,27	2,05	6,60	2,09	6,94	2,13	7,11	2,15	7,62	2,21	7,95	2,26
	40,0	5,93	2,21	6,26	2,25	6,60	2,29	6,77	2,31	7,27	2,37	7,61	2,42
	43,0	5,72	2,31	6,06	2,35	6,40	2,39	6,57	2,41	7,07	2,47	7,41	2,52
	46,0	5,52	2,41	5,86	2,46	6,19	2,50	6,36	2,52	6,87	2,58	7,19	2,59
1.5+6.0	22,0	7,82	1,82	8,17	1,87	8,51	1,91	8,67	1,93	9,18	1,99	9,52	2,04
	25,0	7,63	1,90	7,97	1,95	8,30	1,99	8,47	2,01	8,98	2,07	9,14	2,11
	32,0	7,15	2,10	7,49	2,14	7,83	2,18	7,99	2,20	8,50	2,26	8,84	2,31
	35,0	6,95	2,19	7,28	2,23	7,62	2,27	7,79	2,29	8,30	2,35	8,63	2,40
	40,0	6,61	2,35	6,94	2,39	7,28	2,43	7,45	2,45	7,95	2,51	8,29	2,56
	43,0	6,40	2,45	6,74	2,49	7,08	2,53	7,25	2,55	7,75	2,61	8,09	2,66
	46,0	6,20	2,55	6,54	2,60	6,87	2,64	7,04	2,66	7,55	2,72	7,87	2,73
1.5+7.1	22,0	8,49	2,20	8,84	2,25	9,18	2,29	9,34	2,31	9,85	2,37	10,19	2,42
	25,0	8,30	2,28	8,64	2,33	8,97	2,37	9,14	2,39	9,65	2,45	9,81	2,49
	32,0	7,82	2,48	8,16	2,52	8,50	2,56	8,66	2,58	9,17	2,64	9,51	2,69
	35,0	7,62	2,57	7,95	2,61	8,29	2,65	8,46	2,67	8,97	2,73	9,30	2,78
	40,0	7,28	2,73	7,61	2,77	7,95	2,81	8,12	2,83	8,62	2,89	8,96	2,94
	43,0	7,07	2,83	7,41	2,87	7,75	2,91	7,92	2,93	8,42	2,99	8,76	3,04
	46,0	6,87	2,93	7,21	2,98	7,54	3,02	7,71	3,04	8,22	3,10	8,54	3,11
2.0+2.0	22,0	5,44	1,27	5,69	1,30	5,93	1,33	6,05	1,34	6,42	1,39	6,66	1,41
	25,0	5,29	1,32	5,54	1,35	5,78	1,38	5,90	1,40	6,27	1,44	6,51	1,47
	32,0	4,95	1,46	5,19	1,49	5,44	1,52	5,56	1,53	5,92	1,57	6,17	1,60
	35,0	4,80	1,52	5,04	1,55	5,29	1,58	5,41	1,59	5,78	1,63	6,02	1,66
	40,0	4,55	1,63	4,80	1,66	5,04	1,69	5,16	1,70	5,53	1,74	5,77	1,77
	43,0	4,40	1,70	4,65	1,73	4,89	1,76	5,02	1,77	5,38	1,81	5,63	1,84
	46,0	4,26	1,77	4,50	1,80	4,74	1,83	4,87	1,84	5,23	1,89	5,48	1,92
2.0+2.5	22,0	5,87	1,27	6,12	1,30	6,36	1,33	6,48	1,34	6,85	1,39	7,09	1,41
	25,0	5,72	1,32	5,97	1,35	6,21	1,38	6,33	1,40	6,70	1,44	6,94	1,47
	32,0	5,38	1,46	5,62	1,49	5,87	1,52	5,99	1,53	6,35	1,57	6,60	1,60
	35,0	5,23	1,52	5,47	1,55	5,72	1,58	5,84	1,59	6,21	1,63	6,45	1,66
	40,0	4,98	1,63	5,23	1,66	5,47	1,69	5,59	1,70	5,96	1,74	6,20	1,77
	43,0	4,83	1,70	5,08	1,73	5,32	1,76	5,45	1,77	5,81	1,81	6,06	1,84
	46,0	4,69	1,77	4,93	1,80	5,17	1,83	5,30	1,84	5,66	1,89	5,91	1,92

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+3.5	22,0	6,53	1,49	6,82	1,52	7,01	1,55	7,26	1,57	7,70	1,62	7,99	1,65
	25,0	6,35	1,55	6,64	1,58	6,94	1,62	7,08	1,63	7,52	1,68	7,81	1,72
	32,0	5,94	1,71	6,23	1,74	6,52	1,77	6,67	1,79	7,11	1,84	7,40	1,87
	35,0	5,76	1,78	6,05	1,81	6,34	1,85	6,49	1,86	6,93	1,91	7,22	1,95
	40,0	5,46	1,91	5,75	1,94	6,05	1,97	6,19	1,99	6,63	2,04	6,93	2,07
	43,0	5,28	1,99	5,58	2,02	5,87	2,06	6,02	2,07	6,46	2,12	6,75	2,16
	46,0	5,11	2,07	5,40	2,11	5,69	2,14	5,84	2,16	6,28	2,21	6,57	2,24
2.0+4.2	22,0	6,93	1,72	7,22	1,75	7,41	1,78	7,66	1,80	8,10	1,85	8,39	1,88
	25,0	6,75	1,78	7,04	1,81	7,34	1,85	7,48	1,86	7,92	1,91	8,21	1,95
	32,0	6,34	1,94	6,63	1,97	6,92	2,00	7,07	2,02	7,51	2,07	7,80	2,10
	35,0	6,16	2,01	6,45	2,04	6,74	2,08	6,89	2,09	7,33	2,14	7,62	2,18
	40,0	5,86	2,14	6,15	2,17	6,45	2,20	6,59	2,22	7,03	2,27	7,33	2,30
	43,0	5,68	2,22	5,98	2,25	6,27	2,29	6,42	2,30	6,86	2,35	7,15	2,39
	46,0	5,51	2,30	5,80	2,34	6,09	2,37	6,24	2,39	6,68	2,44	6,97	2,47
2.0+5.0	22,0	7,49	1,84	7,84	1,89	8,18	1,93	8,34	1,95	8,85	2,01	9,19	2,06
	25,0	7,30	1,92	7,64	1,97	7,97	2,01	8,14	2,03	8,65	2,09	8,81	2,13
	32,0	6,82	2,12	7,16	2,16	7,50	2,20	7,66	2,22	8,17	2,28	8,51	2,33
	35,0	6,62	2,21	6,95	2,25	7,29	2,29	7,46	2,31	7,97	2,37	8,30	2,42
	40,0	6,28	2,37	6,61	2,41	6,95	2,45	7,12	2,47	7,62	2,53	7,96	2,58
	43,0	6,07	2,47	6,41	2,51	6,75	2,55	6,92	2,57	7,42	2,63	7,76	2,68
	46,0	5,87	2,57	6,21	2,62	6,54	2,66	6,71	2,68	7,22	2,74	7,54	2,75
2.0+6.0	22,0	8,15	2,03	8,50	2,08	8,84	2,12	9,00	2,14	9,51	2,20	9,85	2,25
	25,0	7,96	2,11	8,30	2,16	8,63	2,20	8,80	2,22	9,31	2,28	9,47	2,32
	32,0	7,48	2,31	7,82	2,35	8,16	2,39	8,32	2,41	8,83	2,47	9,17	2,52
	35,0	7,28	2,40	7,61	2,44	7,95	2,48	8,12	2,50	8,63	2,56	8,96	2,61
	40,0	6,94	2,56	7,27	2,60	7,61	2,64	7,78	2,66	8,28	2,72	8,62	2,77
	43,0	6,73	2,66	7,07	2,70	7,41	2,74	7,58	2,76	8,08	2,82	8,42	2,87
	46,0	6,53	2,76	6,87	2,81	7,20	2,85	7,37	2,87	7,88	2,93	8,20	2,94
2.0+7.1	22,0	8,67	2,32	9,02	2,37	9,36	2,41	9,52	2,43	10,03	2,49	10,37	2,54
	25,0	8,48	2,40	8,82	2,45	9,15	2,49	9,32	2,51	9,83	2,57	9,99	2,61
	32,0	8,00	2,60	8,34	2,64	8,68	2,68	8,84	2,70	9,35	2,76	9,69	2,81
	35,0	7,80	2,69	8,13	2,73	8,47	2,77	8,64	2,79	9,15	2,85	9,48	2,90
	40,0	7,46	2,85	7,79	2,89	8,13	2,93	8,30	2,95	8,80	3,01	9,14	3,06
	43,0	7,25	2,95	7,59	2,99	7,93	3,03	8,10	3,05	8,60	3,11	8,94	3,16
	46,0	7,05	3,05	7,39	3,10	7,72	3,14	7,89	3,16	8,40	3,22	8,72	3,23
2.5+2.5	22,0	6,35	1,45	6,60	1,48	6,84	1,51	6,96	1,52	7,33	1,57	7,57	1,59
	25,0	6,20	1,50	6,45	1,53	6,69	1,56	6,81	1,58	7,18	1,62	7,42	1,65
	32,0	5,86	1,64	6,10	1,67	6,35	1,70	6,47	1,71	6,83	1,75	7,08	1,78
	35,0	5,71	1,70	5,95	1,73	6,20	1,76	6,32	1,77	6,69	1,81	6,93	1,84
	40,0	5,46	1,81	5,71	1,84	5,95	1,87	6,07	1,88	6,44	1,92	6,68	1,95
	43,0	5,31	1,88	5,56	1,91	5,80	1,94	5,93	1,95	6,29	1,99	6,54	2,02
	46,0	5,17	1,95	5,41	1,98	5,65	2,01	5,78	2,02	6,14	2,07	6,39	2,10

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104100

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+3.5	22,0	6,77	1,63	7,06	1,66	7,25	1,69	7,50	1,71	7,94	1,76	8,23	1,79
	25,0	6,59	1,69	6,88	1,72	7,18	1,76	7,32	1,77	7,76	1,82	8,05	1,86
	32,0	6,18	1,85	6,47	1,88	6,76	1,91	6,91	1,93	7,35	1,98	7,64	2,01
	35,0	6,00	1,92	6,29	1,95	6,58	1,99	6,73	2,00	7,17	2,05	7,46	2,09
	40,0	5,70	2,05	5,99	2,08	6,29	2,11	6,43	2,13	6,87	2,18	7,17	2,21
	43,0	5,52	2,13	5,82	2,16	6,11	2,20	6,26	2,21	6,70	2,26	6,99	2,30
	46,0	5,35	2,21	5,64	2,25	5,93	2,28	6,08	2,30	6,52	2,35	6,81	2,38
2.5+4.2	22,0	7,29	1,92	7,58	1,95	7,77	1,98	8,02	2,00	8,46	2,05	8,75	2,08
	25,0	7,11	1,98	7,40	2,01	7,70	2,05	7,84	2,06	8,28	2,11	8,57	2,15
	32,0	6,70	2,14	6,99	2,17	7,28	2,20	7,43	2,22	7,87	2,27	8,16	2,30
	35,0	6,52	2,21	6,81	2,24	7,10	2,28	7,25	2,29	7,69	2,34	7,98	2,38
	40,0	6,22	2,34	6,51	2,37	6,81	2,40	6,95	2,42	7,39	2,47	7,69	2,50
	43,0	6,04	2,42	6,34	2,45	6,63	2,49	6,78	2,50	7,22	2,55	7,51	2,59
	46,0	5,87	2,50	6,16	2,54	6,45	2,57	6,60	2,59	7,04	2,64	7,33	2,67
2.5+5.0	22,0	7,82	2,04	8,17	2,09	8,51	2,13	8,67	2,15	9,18	2,21	9,52	2,26
	25,0	7,63	2,12	7,97	2,17	8,30	2,21	8,47	2,23	8,98	2,29	9,14	2,33
	32,0	7,15	2,32	7,49	2,36	7,83	2,40	7,99	2,42	8,50	2,48	8,84	2,53
	35,0	6,95	2,41	7,28	2,45	7,62	2,49	7,79	2,51	8,30	2,57	8,63	2,62
	40,0	6,61	2,57	6,94	2,61	7,28	2,65	7,45	2,67	7,95	2,73	8,29	2,78
	43,0	6,40	2,67	6,74	2,71	7,08	2,75	7,25	2,77	7,75	2,83	8,09	2,88
	46,0	6,20	2,77	6,54	2,82	6,87	2,86	7,04	2,88	7,55	2,94	7,87	2,95
2.5+6.0	22,0	8,45	2,20	8,80	2,25	9,14	2,29	9,30	2,31	9,81	2,37	10,15	2,42
	25,0	8,26	2,28	8,60	2,33	8,93	2,37	9,10	2,39	9,61	2,45	9,77	2,49
	32,0	7,78	2,48	8,12	2,52	8,46	2,56	8,62	2,58	9,13	2,64	9,47	2,69
	35,0	7,58	2,57	7,91	2,61	8,25	2,65	8,42	2,67	8,93	2,73	9,26	2,78
	40,0	7,24	2,73	7,57	2,77	7,91	2,81	8,08	2,83	8,58	2,89	8,92	2,94
	43,0	7,03	2,83	7,37	2,87	7,71	2,91	7,88	2,93	8,38	2,99	8,72	3,04
	46,0	6,83	2,93	7,17	2,98	7,50	3,02	7,67	3,04	8,18	3,10	8,50	3,11
2.5+7.1	22,0	8,67	2,32	9,02	2,37	9,36	2,41	9,52	2,43	10,03	2,49	10,37	2,54
	25,0	8,48	2,40	8,82	2,45	9,15	2,49	9,32	2,51	9,83	2,57	9,99	2,61
	32,0	8,00	2,60	8,34	2,64	8,68	2,68	8,84	2,70	9,35	2,76	9,69	2,81
	35,0	7,80	2,69	8,13	2,73	8,47	2,77	8,64	2,79	9,15	2,85	9,48	2,90
	40,0	7,46	2,85	7,79	2,89	8,13	2,93	8,30	2,95	8,80	3,01	9,14	3,06
	43,0	7,25	2,95	7,59	2,99	7,93	3,03	8,10	3,05	8,60	3,11	8,94	3,16
	46,0	7,05	3,05	7,39	3,10	7,72	3,14	7,89	3,16	8,40	3,22	8,72	3,23
3.5+3.5	22,0	6,74	1,50	7,84	1,95	8,18	2,00	8,34	2,02	8,85	2,08	9,19	2,13
	25,0	6,74	1,66	7,64	2,03	7,97	2,08	8,14	2,10	8,65	2,16	8,98	2,21
	32,0	6,74	2,13	7,16	2,23	7,50	2,28	7,66	2,30	8,17	2,36	8,51	2,41
	35,0	6,62	2,29	6,95	2,33	7,29	2,37	7,46	2,39	7,97	2,46	8,30	2,50
	40,0	6,28	2,45	6,61	2,49	6,95	2,54	7,12	2,56	7,62	2,62	7,96	2,67
	43,0	6,07	2,56	6,41	2,60	6,75	2,64	6,92	2,66	7,42	2,73	7,76	2,77
	46,0	5,87	2,66	6,21	2,71	6,54	2,73	6,70	2,73	7,17	2,73	7,48	2,83

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+4.2	22,0	7,09	1,71	8,19	2,16	8,53	2,21	8,69	2,23	9,20	2,29	9,54	2,34
	25,0	7,09	1,87	7,99	2,24	8,32	2,29	8,49	2,31	9,00	2,37	9,33	2,42
	32,0	7,09	2,34	7,51	2,44	7,85	2,49	8,01	2,51	8,52	2,57	8,86	2,62
	35,0	6,97	2,50	7,30	2,54	7,64	2,58	7,81	2,60	8,32	2,67	8,65	2,71
	40,0	6,63	2,66	6,96	2,70	7,30	2,75	7,47	2,77	7,97	2,83	8,31	2,88
	43,0	6,42	2,77	6,76	2,81	7,10	2,85	7,27	2,87	7,77	2,94	8,11	2,98
	46,0	6,22	2,87	6,56	2,92	6,89	2,94	7,05	2,94	7,52	2,94	7,83	2,94
3.5+5.0	22,0	7,45	1,76	8,40	2,14	8,76	2,19	8,94	2,21	9,48	2,28	9,84	2,33
	25,0	7,45	1,95	8,18	2,23	8,54	2,28	8,72	2,30	9,26	2,37	9,62	2,42
	32,0	7,31	2,40	7,67	2,45	8,03	2,50	8,21	2,52	8,75	2,59	9,11	2,64
	35,0	7,09	2,51	7,45	2,55	7,81	2,60	7,99	2,62	8,53	2,69	8,89	2,74
	40,0	6,72	2,69	7,08	2,73	7,45	2,78	7,63	2,80	8,17	2,87	8,53	2,92
	43,0	6,50	2,80	6,87	2,85	7,23	2,89	7,41	2,92	7,95	2,99	8,31	3,04
	46,0	6,27	2,71	6,61	2,71	6,94	2,71	7,10	2,71	7,63	2,71	7,88	2,71
3.5+6.0	22,0	8,08	1,93	9,03	2,31	9,39	2,36	9,57	2,38	10,11	2,45	10,47	2,50
	25,0	8,08	2,12	8,81	2,40	9,17	2,45	9,35	2,47	9,89	2,54	10,25	2,59
	32,0	7,94	2,57	8,30	2,62	8,66	2,67	8,84	2,69	9,38	2,76	9,74	2,81
	35,0	7,72	2,68	8,08	2,72	8,44	2,77	8,62	2,79	9,16	2,86	9,52	2,91
	40,0	7,35	2,86	7,71	2,90	8,08	2,95	8,26	2,97	8,80	3,04	9,16	3,09
	43,0	7,13	2,97	7,50	3,02	7,86	3,06	8,04	3,09	8,58	3,16	8,94	3,21
	46,0	6,90	2,88	7,24	2,88	7,57	2,88	7,73	2,88	8,26	2,88	8,51	2,88
3.5+7.1	22,0	8,10	1,93	9,05	2,31	9,41	2,36	9,59	2,38	10,13	2,45	10,49	2,50
	25,0	8,10	2,12	8,83	2,40	9,19	2,45	9,37	2,47	9,91	2,54	10,27	2,59
	32,0	7,96	2,57	8,32	2,62	8,68	2,67	8,86	2,69	9,40	2,76	9,76	2,81
	35,0	7,74	2,68	8,10	2,72	8,46	2,77	8,64	2,79	9,18	2,86	9,54	2,91
	40,0	7,37	2,86	7,73	2,90	8,10	2,95	8,28	2,97	8,82	3,04	9,18	3,09
	43,0	7,15	2,97	7,52	3,02	7,88	3,06	8,06	3,09	8,60	3,16	8,96	3,21
	46,0	6,92	2,88	7,26	2,88	7,59	2,88	7,75	2,88	8,28	2,88	8,53	2,88
4.2+4.2	22,0	7,10	1,71	8,20	2,16	8,54	2,21	8,70	2,23	9,21	2,29	9,55	2,34
	25,0	7,10	1,87	8,00	2,24	8,33	2,29	8,50	2,31	9,01	2,37	9,34	2,42
	32,0	7,10	2,34	7,52	2,44	7,86	2,49	8,02	2,51	8,53	2,57	8,87	2,62
	35,0	6,98	2,50	7,31	2,54	7,65	2,58	7,82	2,60	8,33	2,67	8,66	2,71
	40,0	6,64	2,66	6,97	2,70	7,31	2,75	7,48	2,77	7,98	2,83	8,32	2,88
	43,0	6,43	2,77	6,77	2,81	7,11	2,85	7,28	2,87	7,78	2,94	8,12	2,98
	46,0	6,23	2,87	6,57	2,92	6,90	2,94	7,06	2,94	7,53	2,94	7,84	2,94
4.2+5.0	22,0	7,63	1,87	8,58	2,25	8,94	2,30	9,12	2,32	9,66	2,39	10,02	2,44
	25,0	7,63	2,06	8,36	2,34	8,72	2,39	8,90	2,41	9,44	2,48	9,80	2,53
	32,0	7,49	2,51	7,85	2,56	8,21	2,61	8,39	2,63	8,93	2,70	9,29	2,75
	35,0	7,27	2,62	7,63	2,66	7,99	2,71	8,17	2,73	8,71	2,80	9,07	2,85
	40,0	6,90	2,80	7,26	2,84	7,63	2,89	7,81	2,91	8,35	2,98	8,71	3,03
	43,0	6,68	2,91	7,05	2,96	7,41	3,00	7,59	3,03	8,13	3,10	8,49	3,15
	46,0	6,45	2,82	6,79	2,82	7,12	2,82	7,28	2,82	7,81	2,82	8,06	2,82

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104101

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
4.2+6.0	22,0	8,09	1,93	9,04	2,31	9,40	2,36	9,58	2,38	10,12	2,45	10,48	2,50
	25,0	8,09	2,12	8,82	2,40	9,18	2,45	9,36	2,47	9,90	2,54	10,26	2,59
	32,0	7,95	2,57	8,31	2,62	8,67	2,67	8,85	2,69	9,39	2,76	9,75	2,81
	35,0	7,73	2,68	8,09	2,72	8,45	2,77	8,63	2,79	9,17	2,86	9,53	2,91
	40,0	7,36	2,86	7,72	2,90	8,09	2,95	8,27	2,97	8,81	3,04	9,17	3,09
	43,0	7,14	2,97	7,51	3,02	7,87	3,06	8,05	3,09	8,59	3,16	8,95	3,21
	46,0	6,91	2,88	7,25	2,88	7,58	2,88	7,74	2,88	8,27	2,88	8,52	2,88
4.2+7.1	22,0	8,29	2,04	9,24	2,42	9,60	2,47	9,78	2,49	10,32	2,56	10,68	2,61
	25,0	8,29	2,23	9,02	2,51	9,38	2,56	9,56	2,58	10,10	2,65	10,46	2,70
	32,0	8,15	2,68	8,51	2,73	8,87	2,78	9,05	2,80	9,59	2,87	9,95	2,92
	35,0	7,93	2,79	8,29	2,83	8,65	2,88	8,83	2,90	9,37	2,97	9,73	3,02
	40,0	7,56	2,97	7,92	3,01	8,29	3,06	8,47	3,08	9,01	3,15	9,37	3,20
	43,0	7,34	3,08	7,71	3,13	8,07	3,17	8,25	3,20	8,79	3,27	9,15	3,32
	46,0	7,11	2,99	7,45	2,99	7,78	2,99	7,94	2,99	8,47	2,99	8,72	2,99
5.0+5.0	22,0	8,15	2,12	8,77	2,32	9,14	2,37	9,33	2,40	9,90	2,48	10,27	2,53
	25,0	8,15	2,36	8,54	2,42	8,91	2,47	9,10	2,49	9,67	2,57	10,04	2,62
	32,0	7,63	2,60	8,00	2,66	8,38	2,71	8,57	2,73	9,13	2,81	9,51	2,86
	35,0	7,40	2,72	7,77	2,77	8,15	2,82	8,34	2,84	8,91	2,92	9,28	2,97
	40,0	7,02	2,91	7,39	2,96	7,77	3,01	7,96	3,04	8,52	3,12	8,90	3,17
	43,0	6,79	3,04	7,17	3,09	7,54	3,14	7,73	3,16	8,30	3,24	8,66	3,25
	46,0	6,56	2,68	6,89	2,68	7,22	2,68	7,38	2,68	7,85	2,68	8,16	2,68
5.0+6.0	22,0	8,62	2,17	9,24	2,37	9,61	2,42	9,80	2,45	10,37	2,53	10,74	2,58
	25,0	8,62	2,41	9,01	2,47	9,38	2,52	9,57	2,54	10,14	2,62	10,51	2,67
	32,0	8,10	2,65	8,47	2,71	8,85	2,76	9,04	2,78	9,60	2,86	9,98	2,91
	35,0	7,87	2,77	8,24	2,82	8,62	2,87	8,81	2,89	9,38	2,97	9,75	3,02
	40,0	7,49	2,96	7,86	3,01	8,24	3,06	8,43	3,09	8,99	3,17	9,37	3,22
	43,0	7,26	3,09	7,64	3,14	8,01	3,19	8,20	3,21	8,77	3,29	9,13	3,30
	46,0	7,03	2,73	7,36	2,73	7,69	2,73	7,85	2,73	8,32	2,73	8,63	2,73
5.0+7.1	22,0	8,87	2,30	9,49	2,50	9,86	2,55	10,05	2,58	10,62	2,66	10,99	2,71
	25,0	8,87	2,54	9,26	2,60	9,63	2,65	9,82	2,67	10,39	2,75	10,76	2,80
	32,0	8,35	2,78	8,72	2,84	9,10	2,89	9,29	2,91	9,85	2,99	10,23	3,04
	35,0	8,12	2,90	8,49	2,95	8,87	3,00	9,06	3,02	9,63	3,10	10,00	3,15
	40,0	7,74	3,09	8,11	3,14	8,49	3,19	8,68	3,22	9,24	3,30	9,62	3,35
	43,0	7,51	3,22	7,89	3,27	8,26	3,32	8,45	3,34	9,02	3,42	9,38	3,43
	46,0	7,28	2,86	7,61	2,86	7,94	2,86	8,10	2,86	8,57	2,86	8,88	2,86
6.0+6.0	22,0	9,27	2,27	9,89	2,47	10,26	2,52	10,45	2,55	11,02	2,63	11,39	2,68
	25,0	9,27	2,51	9,66	2,57	10,03	2,62	10,22	2,64	10,79	2,72	11,16	2,77
	32,0	8,75	2,75	9,12	2,81	9,50	2,86	9,69	2,88	10,25	2,96	10,63	3,01
	35,0	8,52	2,87	8,89	2,92	9,27	2,97	9,46	2,99	10,03	3,07	10,40	3,12
	40,0	8,14	3,06	8,51	3,11	8,89	3,16	9,08	3,19	9,64	3,27	10,02	3,32
	43,0	7,91	3,19	8,29	3,24	8,66	3,29	8,85	3,31	9,42	3,39	9,78	3,40
	46,0	7,68	2,83	8,01	2,83	8,34	2,83	8,50	2,83	8,97	2,83	9,28	2,83

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
6.0+7.1	22,0	9,29	2,27	9,91	2,47	10,28	2,52	10,47	2,55	11,04	2,63	11,41	2,68
	25,0	9,29	2,51	9,68	2,57	10,05	2,62	10,24	2,64	10,81	2,72	11,18	2,77
	32,0	8,77	2,75	9,14	2,81	9,52	2,86	9,71	2,88	10,27	2,96	10,65	3,01
	35,0	8,54	2,87	8,91	2,92	9,29	2,97	9,48	2,99	10,05	3,07	10,42	3,12
	40,0	8,16	3,06	8,53	3,11	8,91	3,16	9,10	3,19	9,66	3,27	10,04	3,32
	43,0	7,93	3,19	8,31	3,24	8,68	3,29	8,87	3,31	9,44	3,39	9,80	3,40
	46,0	7,70	2,83	8,03	2,83	8,36	2,83	8,52	2,83	8,99	2,83	9,30	2,83
7.1+7.1	22,0	9,31	2,27	9,93	2,47	10,30	2,52	10,49	2,55	11,06	2,63	11,43	2,68
	25,0	9,31	2,51	9,70	2,57	10,07	2,62	10,26	2,64	10,83	2,72	11,20	2,77
	32,0	8,79	2,75	9,16	2,81	9,54	2,86	9,73	2,88	10,29	2,96	10,67	3,01
	35,0	8,56	2,87	8,93	2,92	9,31	2,97	9,50	2,99	10,07	3,07	10,44	3,12
	40,0	8,18	3,06	8,55	3,11	8,93	3,16	9,12	3,19	9,68	3,27	10,06	3,32
	43,0	7,95	3,19	8,33	3,24	8,70	3,29	8,89	3,31	9,46	3,39	9,82	3,40
	46,0	7,72	2,83	8,05	2,83	8,38	2,83	8,54	2,83	9,01	2,83	9,32	2,83
1.5+1.5+1.5	22,0	5,55	0,89	5,85	0,92	6,16	0,95	6,31	0,97	6,77	1,02	7,08	1,05
	25,0	5,36	0,95	5,67	0,98	5,97	1,01	6,13	1,03	6,59	1,07	6,89	1,11
	32,0	4,93	1,10	5,24	1,13	5,54	1,16	5,70	1,17	6,15	1,22	6,46	1,25
	35,0	4,75	1,16	5,05	1,20	5,36	1,23	5,51	1,24	5,97	1,29	6,27	1,32
	40,0	4,44	1,28	4,74	1,32	5,05	1,35	5,20	1,36	5,66	1,41	5,96	1,44
	43,0	4,25	1,36	4,56	1,39	4,86	1,42	5,02	1,44	5,47	1,49	5,78	1,52
	46,0	4,07	1,44	4,37	1,47	4,68	1,50	4,83	1,52	5,29	1,57	5,59	1,60
1.5+1.5+2.0	22,0	5,98	1,05	6,28	1,08	6,59	1,11	6,74	1,13	7,20	1,18	7,51	1,21
	25,0	5,79	1,11	6,10	1,14	6,40	1,17	6,56	1,19	7,02	1,23	7,32	1,27
	32,0	5,36	1,26	5,67	1,29	5,97	1,32	6,13	1,33	6,58	1,38	6,89	1,41
	35,0	5,18	1,32	5,48	1,36	5,79	1,39	5,94	1,40	6,40	1,45	6,70	1,48
	40,0	4,87	1,44	5,17	1,48	5,48	1,51	5,63	1,52	6,09	1,57	6,39	1,60
	43,0	4,68	1,52	4,99	1,55	5,29	1,58	5,45	1,60	5,90	1,65	6,21	1,68
	46,0	4,50	1,60	4,80	1,63	5,11	1,66	5,26	1,68	5,72	1,73	6,02	1,76
1.5+1.5+2.5	22,0	6,38	1,22	6,68	1,25	6,99	1,28	7,14	1,30	7,60	1,35	7,91	1,38
	25,0	6,19	1,28	6,50	1,31	6,80	1,34	6,96	1,36	7,42	1,40	7,72	1,44
	32,0	5,76	1,43	6,07	1,46	6,37	1,49	6,53	1,50	6,98	1,55	7,29	1,58
	35,0	5,58	1,49	5,88	1,53	6,19	1,56	6,34	1,57	6,80	1,62	7,10	1,65
	40,0	5,27	1,61	5,57	1,65	5,88	1,68	6,03	1,69	6,49	1,74	6,79	1,77
	43,0	5,08	1,69	5,39	1,72	5,69	1,75	5,85	1,77	6,30	1,82	6,61	1,85
	46,0	4,90	1,77	5,20	1,80	5,51	1,83	5,66	1,85	6,12	1,90	6,42	1,93
1.5+1.5+3.5	22,0	7,15	1,47	7,51	1,51	7,86	1,55	8,03	1,57	8,56	1,64	8,91	1,68
	25,0	6,94	1,55	7,29	1,59	7,65	1,63	7,82	1,65	8,35	1,71	8,70	1,75
	32,0	6,44	1,74	6,80	1,78	7,15	1,82	7,32	1,84	7,85	1,91	8,20	1,95
	35,0	6,23	1,83	6,58	1,87	6,93	1,91	7,11	1,93	7,64	1,99	7,99	2,04
	40,0	5,87	1,99	6,23	2,03	6,58	2,07	6,75	2,09	7,28	2,15	7,63	2,19
	43,0	5,66	2,09	6,01	2,13	6,36	2,17	6,54	2,19	7,07	2,25	7,42	2,29
	46,0	5,45	2,19	5,80	2,23	6,15	2,27	6,33	2,29	6,86	2,36	7,20	2,39

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104107

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+4.2	22,0	7,64	1,72	8,00	1,76	8,35	1,80	8,52	1,82	9,05	1,89	9,40	1,93
	25,0	7,43	1,80	7,78	1,84	8,14	1,88	8,31	1,90	8,84	1,96	9,19	2,00
	32,0	6,93	1,99	7,29	2,03	7,64	2,07	7,81	2,09	8,34	2,16	8,69	2,20
	35,0	6,72	2,08	7,07	2,12	7,42	2,16	7,60	2,18	8,13	2,24	8,48	2,29
	40,0	6,36	2,24	6,72	2,28	7,07	2,32	7,24	2,34	7,77	2,40	8,12	2,44
	43,0	6,15	2,34	6,50	2,38	6,85	2,42	7,03	2,44	7,56	2,50	7,91	2,54
	46,0	5,94	2,44	6,29	2,48	6,64	2,52	6,82	2,54	7,35	2,61	7,69	2,64
1.5+1.5+5.0	22,0	8,17	1,86	8,56	1,91	8,96	1,96	9,15	1,98	9,74	2,06	10,14	2,11
	25,0	7,93	1,95	8,32	2,00	8,72	2,05	8,91	2,07	9,50	2,15	9,90	2,20
	32,0	7,38	2,18	7,77	2,23	8,16	2,28	8,36	2,31	8,95	2,38	9,34	2,43
	35,0	7,14	2,29	7,53	2,34	7,92	2,39	8,12	2,41	8,71	2,49	9,10	2,54
	40,0	6,74	2,48	7,13	2,53	7,53	2,58	7,72	2,60	8,31	2,68	8,71	2,73
	43,0	6,50	2,60	6,90	2,65	7,29	2,70	7,48	2,72	8,07	2,80	8,47	2,85
	46,0	6,21	2,35	6,56	2,35	6,90	2,35	7,07	2,35	7,57	2,35	7,89	2,35
1.5+1.5+6.0	22,0	8,75	1,96	9,14	2,01	9,54	2,06	9,73	2,08	10,32	2,16	10,72	2,21
	25,0	8,51	2,05	8,90	2,10	9,30	2,15	9,49	2,17	10,08	2,25	10,48	2,30
	32,0	7,96	2,28	8,35	2,33	8,74	2,38	8,94	2,41	9,53	2,48	9,92	2,53
	35,0	7,72	2,39	8,11	2,44	8,50	2,49	8,70	2,51	9,29	2,59	9,68	2,64
	40,0	7,32	2,58	7,71	2,63	8,11	2,68	8,30	2,70	8,89	2,78	9,29	2,83
	43,0	7,08	2,70	7,48	2,75	7,87	2,80	8,06	2,82	8,65	2,90	9,05	2,95
	46,0	6,79	2,45	7,14	2,45	7,48	2,45	7,65	2,45	8,15	2,45	8,47	2,45
1.5+1.5+7.1	22,0	9,30	2,32	9,69	2,37	10,09	2,42	10,28	2,44	10,87	2,52	11,27	2,57
	25,0	9,06	2,41	9,45	2,46	9,85	2,51	10,04	2,53	10,63	2,61	11,03	2,66
	32,0	8,51	2,64	8,90	2,69	9,29	2,74	9,49	2,77	10,08	2,84	10,47	2,89
	35,0	8,27	2,75	8,66	2,80	9,05	2,85	9,25	2,87	9,84	2,95	10,23	3,00
	40,0	7,87	2,94	8,26	2,99	8,66	3,04	8,85	3,06	9,44	3,14	9,84	3,19
	43,0	7,63	3,06	8,03	3,11	8,42	3,16	8,61	3,18	9,20	3,26	9,60	3,31
	46,0	7,34	2,81	7,69	2,81	8,03	2,81	8,20	2,81	8,70	2,81	9,02	2,81
1.5+2.0+2.0	22,0	6,38	1,22	6,68	1,25	6,99	1,28	7,14	1,30	7,60	1,35	7,91	1,38
	25,0	6,19	1,28	6,50	1,31	6,80	1,34	6,96	1,36	7,42	1,40	7,72	1,44
	32,0	5,76	1,43	6,07	1,46	6,37	1,49	6,53	1,50	6,98	1,55	7,29	1,58
	35,0	5,58	1,49	5,88	1,53	6,19	1,56	6,34	1,57	6,80	1,62	7,10	1,65
	40,0	5,27	1,61	5,57	1,65	5,88	1,68	6,03	1,69	6,49	1,74	6,79	1,77
	43,0	5,08	1,69	5,39	1,72	5,69	1,75	5,85	1,77	6,30	1,82	6,61	1,85
	46,0	4,90	1,77	5,20	1,80	5,51	1,83	5,66	1,85	6,12	1,90	6,42	1,93
1.5+2.0+2.5	22,0	6,77	1,39	7,07	1,42	7,38	1,45	7,53	1,47	7,99	1,52	8,30	1,55
	25,0	6,58	1,45	6,89	1,48	7,19	1,51	7,35	1,53	7,81	1,57	8,11	1,61
	32,0	6,15	1,60	6,46	1,63	6,76	1,66	6,92	1,67	7,37	1,72	7,68	1,75
	35,0	5,97	1,66	6,27	1,70	6,58	1,73	6,73	1,74	7,19	1,79	7,49	1,82
	40,0	5,66	1,78	5,96	1,82	6,27	1,85	6,42	1,86	6,88	1,91	7,18	1,94
	43,0	5,47	1,86	5,78	1,89	6,08	1,92	6,24	1,94	6,69	1,99	7,00	2,02
	46,0	5,29	1,94	5,59	1,97	5,90	2,00	6,05	2,02	6,51	2,07	6,81	2,10

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+3.5	22,0	7,50	1,68	7,86	1,72	8,21	1,76	8,38	1,78	8,91	1,85	9,26	1,89
	25,0	7,29	1,76	7,64	1,80	8,00	1,84	8,17	1,86	8,70	1,92	9,05	1,96
	32,0	6,79	1,95	7,15	1,99	7,50	2,03	7,67	2,05	8,20	2,12	8,55	2,16
	35,0	6,58	2,04	6,93	2,08	7,28	2,12	7,46	2,14	7,99	2,20	8,34	2,25
	40,0	6,22	2,20	6,58	2,24	6,93	2,28	7,10	2,30	7,63	2,36	7,98	2,40
	43,0	6,01	2,30	6,36	2,34	6,71	2,38	6,89	2,40	7,42	2,46	7,77	2,50
	46,0	5,80	2,40	6,15	2,44	6,50	2,48	6,68	2,50	7,21	2,57	7,55	2,60
1.5+2.0+4.2	22,0	7,97	1,93	8,33	1,97	8,68	2,01	8,85	2,03	9,38	2,10	9,73	2,14
	25,0	7,76	2,01	8,11	2,05	8,47	2,09	8,64	2,11	9,17	2,17	9,52	2,21
	32,0	7,26	2,20	7,62	2,24	7,97	2,28	8,14	2,30	8,67	2,37	9,02	2,41
	35,0	7,05	2,29	7,40	2,33	7,75	2,37	7,93	2,39	8,46	2,45	8,81	2,50
	40,0	6,69	2,45	7,05	2,49	7,40	2,53	7,57	2,55	8,10	2,61	8,45	2,65
	43,0	6,48	2,55	6,83	2,59	7,18	2,63	7,36	2,65	7,89	2,71	8,24	2,75
	46,0	6,27	2,65	6,62	2,69	6,97	2,73	7,15	2,75	7,68	2,82	8,02	2,85
1.5+2.0+5.0	22,0	8,47	2,02	8,86	2,07	9,26	2,12	9,45	2,14	10,04	2,22	10,44	2,27
	25,0	8,23	2,11	8,62	2,16	9,02	2,21	9,21	2,23	9,80	2,31	10,20	2,36
	32,0	7,68	2,34	8,07	2,39	8,46	2,44	8,66	2,47	9,25	2,54	9,64	2,59
	35,0	7,44	2,45	7,83	2,50	8,22	2,55	8,42	2,57	9,01	2,65	9,40	2,70
	40,0	7,04	2,64	7,43	2,69	7,83	2,74	8,02	2,76	8,61	2,84	9,01	2,89
	43,0	6,80	2,76	7,20	2,81	7,59	2,86	7,78	2,88	8,37	2,96	8,77	3,01
	46,0	6,51	2,51	6,86	2,51	7,20	2,51	7,37	2,51	7,87	2,51	8,19	2,51
1.5+2.0+6.0	22,0	9,01	2,13	9,40	2,18	9,80	2,23	9,99	2,25	10,58	2,33	10,98	2,38
	25,0	8,77	2,22	9,16	2,27	9,56	2,32	9,75	2,34	10,34	2,42	10,74	2,47
	32,0	8,22	2,45	8,61	2,50	9,00	2,55	9,20	2,58	9,79	2,65	10,18	2,70
	35,0	7,98	2,56	8,37	2,61	8,76	2,66	8,96	2,68	9,55	2,76	9,94	2,81
	40,0	7,58	2,75	7,97	2,80	8,37	2,85	8,56	2,87	9,15	2,95	9,55	3,00
	43,0	7,34	2,87	7,74	2,92	8,13	2,97	8,32	2,99	8,91	3,07	9,31	3,12
	46,0	7,05	2,62	7,40	2,62	7,74	2,62	7,91	2,62	8,41	2,62	8,73	2,62
1.5+2.0+7.1	22,0	9,35	2,32	9,74	2,37	10,14	2,42	10,33	2,44	10,92	2,52	11,32	2,57
	25,0	9,11	2,41	9,50	2,46	9,90	2,51	10,09	2,53	10,68	2,61	11,08	2,66
	32,0	8,56	2,64	8,95	2,69	9,34	2,74	9,54	2,77	10,13	2,84	10,52	2,89
	35,0	8,32	2,75	8,71	2,80	9,10	2,85	9,30	2,87	9,89	2,95	10,28	3,00
	40,0	7,92	2,94	8,31	2,99	8,71	3,04	8,90	3,06	9,49	3,14	9,89	3,19
	43,0	7,68	3,06	8,08	3,11	8,47	3,16	8,66	3,18	9,25	3,26	9,65	3,31
	46,0	7,39	2,81	7,74	2,81	8,08	2,81	8,25	2,81	8,75	2,81	9,07	2,81
1.5+2.5+2.5	22,0	7,15	1,58	7,45	1,61	7,76	1,64	7,91	1,66	8,37	1,71	8,68	1,74
	25,0	6,96	1,64	7,27	1,67	7,57	1,70	7,73	1,72	8,19	1,76	8,49	1,80
	32,0	6,53	1,79	6,84	1,82	7,14	1,85	7,30	1,86	7,75	1,91	8,06	1,94
	35,0	6,35	1,85	6,65	1,89	6,96	1,92	7,11	1,93	7,57	1,98	7,87	2,01
	40,0	6,04	1,97	6,34	2,01	6,65	2,04	6,80	2,05	7,26	2,10	7,56	2,13
	43,0	5,85	2,05	6,16	2,08	6,46	2,11	6,62	2,13	7,07	2,18	7,38	2,21
	46,0	5,67	2,13	5,97	2,16	6,28	2,19	6,43	2,21	6,89	2,26	7,19	2,29

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104108

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+3.5	22,0	7,83	1,83	8,19	1,87	8,54	1,91	8,71	1,93	9,24	2,00	9,59	2,04
	25,0	7,62	1,91	7,97	1,95	8,33	1,99	8,50	2,01	9,03	2,07	9,38	2,11
	32,0	7,12	2,10	7,48	2,14	7,83	2,18	8,00	2,20	8,53	2,27	8,88	2,31
	35,0	6,91	2,19	7,26	2,23	7,61	2,27	7,79	2,29	8,32	2,35	8,67	2,40
	40,0	6,55	2,35	6,91	2,39	7,26	2,43	7,43	2,45	7,96	2,51	8,31	2,55
	43,0	6,34	2,45	6,69	2,49	7,04	2,53	7,22	2,55	7,75	2,61	8,10	2,65
	46,0	6,13	2,55	6,48	2,59	6,83	2,63	7,01	2,65	7,54	2,72	7,88	2,75
1.5+2.5+4.2	22,0	8,28	2,10	8,64	2,14	8,99	2,18	9,16	2,20	9,69	2,27	10,04	2,31
	25,0	8,07	2,18	8,42	2,22	8,78	2,26	8,95	2,28	9,48	2,34	9,83	2,38
	32,0	7,57	2,37	7,93	2,41	8,28	2,45	8,45	2,47	8,98	2,54	9,33	2,58
	35,0	7,36	2,46	7,71	2,50	8,06	2,54	8,24	2,56	8,77	2,62	9,12	2,67
	40,0	7,00	2,62	7,36	2,66	7,71	2,70	7,88	2,72	8,41	2,78	8,76	2,82
	43,0	6,79	2,72	7,14	2,76	7,49	2,80	7,67	2,82	8,20	2,88	8,55	2,92
	46,0	6,58	2,82	6,93	2,86	7,28	2,90	7,46	2,92	7,99	2,99	8,33	3,02
1.5+2.5+5.0	22,0	8,75	2,20	9,14	2,25	9,54	2,30	9,73	2,32	10,32	2,40	10,72	2,45
	25,0	8,51	2,29	8,90	2,34	9,30	2,39	9,49	2,41	10,08	2,49	10,48	2,54
	32,0	7,96	2,52	8,35	2,57	8,74	2,62	8,94	2,65	9,53	2,72	9,92	2,77
	35,0	7,72	2,63	8,11	2,68	8,50	2,73	8,70	2,75	9,29	2,83	9,68	2,88
	40,0	7,32	2,82	7,71	2,87	8,11	2,92	8,30	2,94	8,89	3,02	9,29	3,07
	43,0	7,08	2,94	7,48	2,99	7,87	3,04	8,06	3,06	8,65	3,14	9,05	3,19
	46,0	6,79	2,69	7,14	2,69	7,48	2,69	7,65	2,69	8,15	2,69	8,47	2,69
1.5+2.5+6.0	22,0	9,26	2,32	9,65	2,37	10,05	2,42	10,24	2,44	10,83	2,52	11,23	2,57
	25,0	9,02	2,41	9,41	2,46	9,81	2,51	10,00	2,53	10,59	2,61	10,99	2,66
	32,0	8,47	2,64	8,86	2,69	9,25	2,74	9,45	2,77	10,04	2,84	10,43	2,89
	35,0	8,23	2,75	8,62	2,80	9,01	2,85	9,21	2,87	9,80	2,95	10,19	3,00
	40,0	7,83	2,94	8,22	2,99	8,62	3,04	8,81	3,06	9,40	3,14	9,80	3,19
	43,0	7,59	3,06	7,99	3,11	8,38	3,16	8,57	3,18	9,16	3,26	9,56	3,31
	46,0	7,30	2,81	7,65	2,81	7,99	2,81	8,16	2,81	8,66	2,81	8,98	2,81
1.5+2.5+7.1	22,0	9,54	2,44	9,93	2,49	10,33	2,54	10,52	2,56	11,11	2,64	11,51	2,69
	25,0	9,30	2,53	9,69	2,58	10,09	2,63	10,28	2,65	10,87	2,73	11,27	2,78
	32,0	8,75	2,76	9,14	2,81	9,53	2,86	9,73	2,89	10,32	2,96	10,71	3,01
	35,0	8,51	2,87	8,90	2,92	9,29	2,97	9,49	2,99	10,08	3,07	10,47	3,12
	40,0	8,11	3,06	8,50	3,11	8,90	3,16	9,09	3,18	9,68	3,26	10,08	3,31
	43,0	7,87	3,18	8,27	3,23	8,66	3,28	8,85	3,30	9,44	3,38	9,84	3,43
	46,0	7,58	2,93	7,93	2,93	8,27	2,93	8,44	2,93	8,94	2,93	9,26	2,93
1.5+3.5+3.5	22,0	8,47	2,11	8,86	2,16	9,25	2,21	9,45	2,24	10,03	2,31	10,42	2,36
	25,0	8,23	2,20	8,62	2,25	8,98	2,30	9,21	2,33	9,79	2,41	10,18	2,46
	32,0	7,68	2,44	8,07	2,49	8,46	2,54	8,66	2,56	9,24	2,64	9,63	2,69
	35,0	7,44	2,57	7,83	2,60	8,22	2,65	8,42	2,67	9,01	2,75	9,40	2,80
	40,0	7,05	2,74	7,44	2,79	7,83	2,84	8,03	2,87	8,61	2,94	9,00	2,99
	43,0	6,81	2,86	7,20	2,91	7,59	2,96	7,79	2,99	8,37	3,06	8,76	3,11
	46,0	6,53	2,57	6,88	2,57	7,22	2,57	7,38	2,57	7,87	2,57	8,19	2,57

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+3.5+4.2	22,0	8,70	2,23	9,09	2,28	9,48	2,33	9,68	2,36	10,26	2,43	10,65	2,48
	25,0	8,46	2,32	8,85	2,37	9,21	2,42	9,44	2,45	10,02	2,53	10,41	2,58
	32,0	7,91	2,56	8,30	2,61	8,69	2,66	8,89	2,68	9,47	2,76	9,86	2,81
	35,0	7,67	2,69	8,06	2,72	8,45	2,77	8,65	2,79	9,24	2,87	9,63	2,92
	40,0	7,28	2,86	7,67	2,91	8,06	2,96	8,26	2,99	8,84	3,06	9,23	3,11
	43,0	7,04	2,98	7,43	3,03	7,82	3,08	8,02	3,11	8,60	3,18	8,99	3,23
	46,0	6,76	2,69	7,11	2,69	7,45	2,69	7,61	2,69	8,10	2,69	8,42	2,69
1.5+3.5+5.0	22,0	8,88	2,25	9,28	2,30	9,68	2,35	9,88	2,37	10,48	2,45	10,88	2,50
	25,0	8,64	2,34	9,04	2,39	9,44	2,44	9,64	2,47	10,23	2,54	10,63	2,59
	32,0	8,07	2,58	8,47	2,63	8,87	2,68	9,07	2,70	9,67	2,75	10,07	2,83
	35,0	7,83	2,69	8,23	2,74	8,63	2,79	8,83	2,81	9,43	2,89	9,83	2,94
	40,0	7,43	2,88	7,83	2,93	8,23	2,98	8,43	3,01	9,03	3,08	9,42	3,13
	43,0	7,19	3,00	7,59	3,05	7,99	3,11	8,18	3,13	8,78	3,21	9,18	3,25
	46,0	6,89	2,68	7,24	2,68	7,58	2,68	7,75	2,68	8,24	2,68	8,57	2,68
1.5+3.5+6.0	22,0	9,34	2,31	9,74	2,36	10,14	2,41	10,34	2,43	10,94	2,51	11,34	2,56
	25,0	9,10	2,40	9,50	2,45	9,90	2,50	10,10	2,53	10,69	2,60	11,09	2,65
	32,0	8,53	2,64	8,93	2,69	9,33	2,74	9,53	2,76	10,13	2,81	10,53	2,89
	35,0	8,29	2,75	8,69	2,80	9,09	2,85	9,29	2,87	9,89	2,95	10,29	3,00
	40,0	7,89	2,94	8,29	2,99	8,69	3,04	8,89	3,07	9,49	3,14	9,88	3,19
	43,0	7,65	3,06	8,05	3,11	8,45	3,17	8,64	3,19	9,24	3,27	9,64	3,31
	46,0	7,35	2,74	7,70	2,74	8,04	2,74	8,21	2,74	8,70	2,74	9,03	2,74
1.5+3.5+7.1	22,0	9,55	2,43	9,95	2,48	10,35	2,53	10,55	2,55	11,15	2,63	11,55	2,68
	25,0	9,31	2,52	9,71	2,57	10,11	2,62	10,31	2,65	10,90	2,72	11,30	2,77
	32,0	8,74	2,76	9,14	2,81	9,54	2,86	9,74	2,88	10,34	2,93	10,74	3,01
	35,0	8,50	2,87	8,90	2,92	9,30	2,97	9,50	2,99	10,10	3,07	10,50	3,12
	40,0	8,10	3,06	8,50	3,11	8,90	3,16	9,10	3,19	9,70	3,26	10,09	3,31
	43,0	7,86	3,18	8,26	3,23	8,66	3,29	8,85	3,31	9,45	3,39	9,85	3,43
	46,0	7,56	2,86	7,91	2,86	8,25	2,86	8,42	2,86	8,91	2,86	9,24	2,86
1.5+4.2+4.2	22,0	8,71	2,23	9,10	2,28	9,49	2,33	9,69	2,36	10,27	2,43	10,66	2,48
	25,0	8,47	2,32	8,86	2,37	9,22	2,42	9,45	2,45	10,03	2,53	10,42	2,58
	32,0	7,92	2,56	8,31	2,61	8,70	2,66	8,90	2,68	9,48	2,76	9,87	2,81
	35,0	7,68	2,69	8,07	2,72	8,46	2,77	8,66	2,79	9,25	2,87	9,64	2,92
	40,0	7,29	2,86	7,68	2,91	8,07	2,96	8,27	2,99	8,85	3,06	9,24	3,11
	43,0	7,05	2,98	7,44	3,03	7,83	3,08	8,03	3,11	8,61	3,18	9,00	3,23
	46,0	6,77	2,69	7,12	2,69	7,46	2,69	7,62	2,69	8,11	2,69	8,43	2,69
1.5+4.2+5.0	22,0	8,89	2,25	9,29	2,30	9,69	2,35	9,89	2,37	10,49	2,45	10,89	2,50
	25,0	8,65	2,34	9,05	2,39	9,45	2,44	9,65	2,47	10,24	2,54	10,64	2,59
	32,0	8,08	2,58	8,48	2,63	8,88	2,68	9,08	2,70	9,68	2,75	10,08	2,83
	35,0	7,84	2,69	8,24	2,74	8,64	2,79	8,84	2,81	9,44	2,89	9,84	2,94
	40,0	7,44	2,88	7,84	2,93	8,24	2,98	8,44	3,01	9,04	3,08	9,43	3,13
	43,0	7,20	3,00	7,60	3,05	8,00	3,11	8,19	3,13	8,79	3,21	9,19	3,25
	46,0	6,90	2,68	7,25	2,68	7,59	2,68	7,76	2,68	8,25	2,68	8,58	2,68

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104109

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+4.2+6.0	22,0	9,54	2,43	9,94	2,48	10,34	2,53	10,54	2,55	11,14	2,63	11,54	2,68
	25,0	9,30	2,52	9,70	2,57	10,10	2,62	10,30	2,65	10,89	2,72	11,29	2,77
	32,0	8,73	2,76	9,13	2,81	9,53	2,86	9,73	2,88	10,33	2,93	10,73	3,01
	35,0	8,49	2,87	8,89	2,92	9,29	2,97	9,49	2,99	10,09	3,07	10,49	3,12
	40,0	8,09	3,06	8,49	3,11	8,89	3,16	9,09	3,19	9,69	3,26	10,08	3,31
	43,0	7,85	3,18	8,25	3,23	8,65	3,29	8,84	3,31	9,44	3,39	9,84	3,43
	46,0	7,55	2,86	7,90	2,86	8,24	2,86	8,41	2,86	8,90	2,86	9,23	2,86
1.5+4.2+7.1	22,0	9,56	2,43	9,96	2,48	10,36	2,53	10,56	2,55	11,16	2,63	11,56	2,68
	25,0	9,32	2,52	9,72	2,57	10,12	2,62	10,32	2,65	10,91	2,72	11,31	2,77
	32,0	8,75	2,76	9,15	2,81	9,55	2,86	9,75	2,88	10,35	2,93	10,75	3,01
	35,0	8,51	2,87	8,91	2,92	9,31	2,97	9,51	2,99	10,11	3,07	10,51	3,12
	40,0	8,11	3,06	8,51	3,11	8,91	3,16	9,11	3,19	9,71	3,26	10,10	3,31
	43,0	7,87	3,18	8,27	3,23	8,67	3,29	8,86	3,31	9,46	3,39	9,86	3,43
	46,0	7,57	2,86	7,92	2,86	8,26	2,86	8,43	2,86	8,92	2,86	9,25	2,86
1.5+5.0+5.0	22,0	9,25	2,36	9,67	2,41	10,08	2,46	10,29	2,49	10,92	2,57	11,33	2,62
	25,0	9,00	2,46	9,42	2,51	9,83	2,56	10,04	2,59	10,66	2,67	11,08	2,72
	32,0	8,41	2,71	8,83	2,76	9,24	2,81	9,45	2,84	10,08	2,92	10,49	2,97
	35,0	8,16	2,82	8,58	2,87	8,99	2,93	9,20	2,95	9,82	3,03	10,24	3,09
	40,0	7,74	3,02	8,16	3,08	8,57	3,13	8,78	3,16	9,40	3,24	9,82	3,29
	43,0	7,49	3,15	7,90	3,21	8,32	3,23	8,52	3,23	9,12	3,23	9,50	3,23
	46,0	7,17	2,66	7,52	2,66	7,86	2,66	8,03	2,66	8,53	2,66	8,86	2,66
1.5+5.0+6.0	22,0	9,71	2,43	10,13	2,48	10,54	2,53	10,75	2,56	11,38	2,64	11,79	2,69
	25,0	9,46	2,53	9,88	2,58	10,29	2,63	10,50	2,66	11,12	2,74	11,54	2,79
	32,0	8,87	2,78	9,29	2,83	9,70	2,88	9,91	2,91	10,54	2,99	10,95	3,04
	35,0	8,62	2,89	9,04	2,94	9,45	3,00	9,66	3,02	10,28	3,10	10,70	3,16
	40,0	8,20	3,09	8,62	3,15	9,03	3,20	9,24	3,23	9,86	3,31	10,28	3,36
	43,0	7,95	3,22	8,36	3,28	8,78	3,30	8,98	3,30	9,58	3,30	9,96	3,30
	46,0	7,63	2,73	7,98	2,73	8,32	2,73	8,49	2,73	8,99	2,73	9,32	2,73
1.5+5.0+7.1	22,0	9,73	2,43	10,15	2,48	10,56	2,53	10,77	2,56	11,40	2,64	11,81	2,69
	25,0	9,48	2,53	9,90	2,58	10,31	2,63	10,52	2,66	11,14	2,74	11,56	2,79
	32,0	8,89	2,78	9,31	2,83	9,72	2,88	9,93	2,91	10,56	2,99	10,97	3,04
	35,0	8,64	2,89	9,06	2,94	9,47	3,00	9,68	3,02	10,30	3,10	10,72	3,16
	40,0	8,22	3,09	8,64	3,15	9,05	3,20	9,26	3,23	9,88	3,31	10,30	3,36
	43,0	7,97	3,22	8,38	3,28	8,80	3,30	9,00	3,30	9,60	3,30	9,98	3,30
	46,0	7,65	2,73	8,00	2,73	8,34	2,73	8,51	2,73	9,01	2,73	9,34	2,73
1.5+6.0+6.0	22,0	10,18	2,49	10,60	2,54	11,01	2,59	11,22	2,62	11,85	2,70	12,26	2,75
	25,0	9,93	2,59	10,35	2,64	10,76	2,69	10,97	2,72	11,59	2,80	12,01	2,85
	32,0	9,34	2,84	9,76	2,89	10,17	2,94	10,38	2,97	11,01	3,05	11,42	3,10
	35,0	9,09	2,95	9,51	3,00	9,92	3,06	10,13	3,08	10,75	3,16	11,17	3,22
	40,0	8,67	3,15	9,09	3,21	9,50	3,26	9,71	3,29	10,33	3,37	10,75	3,42
	43,0	8,42	3,28	8,83	3,34	9,25	3,36	9,45	3,36	10,05	3,36	10,43	3,36
	46,0	8,10	2,79	8,45	2,79	8,79	2,79	8,96	2,79	9,46	2,79	9,79	2,79

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+6.0+7.1	22,0	10,20	2,49	10,62	2,54	11,03	2,59	11,24	2,62	11,87	2,70	12,28	2,75
	25,0	9,95	2,59	10,37	2,64	10,78	2,69	10,99	2,72	11,61	2,80	12,03	2,85
	32,0	9,36	2,84	9,78	2,89	10,19	2,94	10,40	2,97	11,03	3,05	11,44	3,10
	35,0	9,11	2,95	9,53	3,00	9,94	3,06	10,15	3,08	10,77	3,16	11,19	3,22
	40,0	8,69	3,15	9,11	3,21	9,52	3,26	9,73	3,29	10,35	3,37	10,77	3,42
	43,0	8,44	3,28	8,85	3,34	9,27	3,36	9,47	3,36	10,07	3,36	10,45	3,36
	46,0	8,12	2,79	8,47	2,79	8,81	2,79	8,98	2,79	9,48	2,79	9,81	2,79
2.0+2.0+2.0	22,0	6,80	1,39	7,10	1,42	7,41	1,45	7,56	1,47	8,02	1,52	8,33	1,55
	25,0	6,61	1,45	6,92	1,48	7,22	1,51	7,38	1,53	7,84	1,57	8,14	1,61
	32,0	6,18	1,60	6,49	1,63	6,79	1,66	6,95	1,67	7,40	1,72	7,71	1,75
	35,0	6,00	1,66	6,30	1,70	6,61	1,73	6,76	1,74	7,22	1,79	7,52	1,82
	40,0	5,69	1,78	5,99	1,82	6,30	1,85	6,45	1,86	6,91	1,91	7,21	1,94
	43,0	5,50	1,86	5,81	1,89	6,11	1,92	6,27	1,94	6,72	1,99	7,03	2,02
	46,0	5,32	1,94	5,62	1,97	5,93	2,00	6,08	2,02	6,54	2,07	6,84	2,10
2.0+2.0+2.5	22,0	7,15	1,58	7,45	1,61	7,76	1,64	7,91	1,66	8,37	1,71	8,68	1,74
	25,0	6,96	1,64	7,27	1,67	7,57	1,70	7,73	1,72	8,19	1,76	8,49	1,80
	32,0	6,53	1,79	6,84	1,82	7,14	1,85	7,30	1,86	7,75	1,91	8,06	1,94
	35,0	6,35	1,85	6,65	1,89	6,96	1,92	7,11	1,93	7,57	1,98	7,87	2,01
	40,0	6,04	1,97	6,34	2,01	6,65	2,04	6,80	2,05	7,26	2,10	7,56	2,13
	43,0	5,85	2,05	6,16	2,08	6,46	2,11	6,62	2,13	7,07	2,18	7,38	2,21
	46,0	5,67	2,13	5,97	2,16	6,28	2,19	6,43	2,21	6,89	2,26	7,19	2,29
2.0+2.0+3.5	22,0	7,83	1,83	8,19	1,87	8,54	1,91	8,71	1,93	9,24	2,00	9,59	2,04
	25,0	7,62	1,91	7,97	1,95	8,33	1,99	8,50	2,01	9,03	2,07	9,38	2,11
	32,0	7,12	2,10	7,48	2,14	7,83	2,18	8,00	2,20	8,53	2,27	8,88	2,31
	35,0	6,91	2,19	7,26	2,23	7,61	2,27	7,79	2,29	8,32	2,35	8,67	2,40
	40,0	6,55	2,35	6,91	2,39	7,26	2,43	7,43	2,45	7,96	2,51	8,31	2,55
	43,0	6,34	2,45	6,69	2,49	7,04	2,53	7,22	2,55	7,75	2,61	8,10	2,65
	46,0	6,13	2,55	6,48	2,59	6,83	2,63	7,01	2,65	7,54	2,72	7,88	2,75
2.0+2.0+4.2	22,0	8,28	2,10	8,64	2,14	8,99	2,18	9,16	2,20	9,69	2,27	10,04	2,31
	25,0	8,07	2,18	8,42	2,22	8,78	2,26	8,95	2,28	9,48	2,34	9,83	2,38
	32,0	7,57	2,37	7,93	2,41	8,28	2,45	8,45	2,47	8,98	2,54	9,33	2,58
	35,0	7,36	2,46	7,71	2,50	8,06	2,54	8,24	2,56	8,77	2,62	9,12	2,67
	40,0	7,00	2,62	7,36	2,66	7,71	2,70	7,88	2,72	8,41	2,78	8,76	2,82
	43,0	6,79	2,72	7,14	2,76	7,49	2,80	7,67	2,82	8,20	2,88	8,55	2,92
	46,0	6,58	2,82	6,93	2,86	7,28	2,90	7,46	2,92	7,99	2,99	8,33	3,02
2.0+2.0+5.0	22,0	8,75	2,20	9,14	2,25	9,54	2,30	9,73	2,32	10,32	2,40	10,72	2,45
	25,0	8,51	2,29	8,90	2,34	9,30	2,39	9,49	2,41	10,08	2,49	10,48	2,54
	32,0	7,96	2,52	8,35	2,57	8,74	2,62	8,94	2,65	9,53	2,72	9,92	2,77
	35,0	7,72	2,63	8,11	2,68	8,50	2,73	8,70	2,75	9,29	2,83	9,68	2,88
	40,0	7,32	2,82	7,71	2,87	8,11	2,92	8,30	2,94	8,89	3,02	9,29	3,07
	43,0	7,08	2,94	7,48	2,99	7,87	3,04	8,06	3,06	8,65	3,14	9,05	3,19
	46,0	6,79	2,69	7,14	2,69	7,48	2,69	7,65	2,69	8,15	2,69	8,47	2,69

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104110

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+6.0	22,0	9,26	2,32	9,65	2,37	10,05	2,42	10,24	2,44	10,83	2,52	11,23	2,57
	25,0	9,02	2,41	9,41	2,46	9,81	2,51	10,00	2,53	10,59	2,61	10,99	2,66
	32,0	8,47	2,64	8,86	2,69	9,25	2,74	9,45	2,77	10,04	2,84	10,43	2,89
	35,0	8,23	2,75	8,62	2,80	9,01	2,85	9,21	2,87	9,80	2,95	10,19	3,00
	40,0	7,83	2,94	8,22	2,99	8,62	3,04	8,81	3,06	9,40	3,14	9,80	3,19
	43,0	7,59	3,06	7,99	3,11	8,38	3,16	8,57	3,18	9,16	3,26	9,56	3,31
	46,0	7,30	2,81	7,65	2,81	7,99	2,81	8,16	2,81	8,66	2,81	8,98	2,81
2.0+2.0+7.1	22,0	9,54	2,44	9,93	2,49	10,33	2,54	10,52	2,56	11,11	2,64	11,51	2,69
	25,0	9,30	2,53	9,69	2,58	10,09	2,63	10,28	2,65	10,87	2,73	11,27	2,78
	32,0	8,75	2,76	9,14	2,81	9,53	2,86	9,73	2,89	10,32	2,96	10,71	3,01
	35,0	8,51	2,87	8,90	2,92	9,29	2,97	9,49	2,99	10,08	3,07	10,47	3,12
	40,0	8,11	3,06	8,50	3,11	8,90	3,16	9,09	3,18	9,68	3,26	10,08	3,31
	43,0	7,87	3,18	8,27	3,23	8,66	3,28	8,85	3,30	9,44	3,38	9,84	3,43
	46,0	7,58	2,93	7,93	2,93	8,27	2,93	8,44	2,93	8,94	2,93	9,26	2,93
2.0+2.5+2.5	22,0	7,50	1,79	7,80	1,82	8,11	1,85	8,26	1,87	8,72	1,92	9,03	1,95
	25,0	7,31	1,85	7,62	1,88	7,92	1,91	8,08	1,93	8,54	1,97	8,84	2,01
	32,0	6,88	2,00	7,19	2,03	7,49	2,06	7,65	2,07	8,10	2,12	8,41	2,15
	35,0	6,70	2,06	7,00	2,10	7,31	2,13	7,46	2,14	7,92	2,19	8,22	2,22
	40,0	6,39	2,18	6,69	2,22	7,00	2,25	7,15	2,26	7,61	2,31	7,91	2,34
	43,0	6,20	2,26	6,51	2,29	6,81	2,32	6,97	2,34	7,42	2,39	7,73	2,42
	46,0	6,02	2,34	6,32	2,37	6,63	2,40	6,78	2,42	7,24	2,47	7,54	2,50
2.0+2.5+3.5	22,0	8,16	2,04	8,52	2,08	8,87	2,12	9,04	2,14	9,57	2,21	9,92	2,25
	25,0	7,95	2,12	8,30	2,16	8,66	2,20	8,83	2,22	9,36	2,28	9,71	2,32
	32,0	7,45	2,31	7,81	2,35	8,16	2,39	8,33	2,41	8,86	2,48	9,21	2,52
	35,0	7,24	2,40	7,59	2,44	7,94	2,48	8,12	2,50	8,65	2,56	9,00	2,61
	40,0	6,88	2,56	7,24	2,60	7,59	2,64	7,76	2,66	8,29	2,72	8,64	2,76
	43,0	6,67	2,66	7,02	2,70	7,37	2,74	7,55	2,76	8,08	2,82	8,43	2,86
	46,0	6,46	2,76	6,81	2,80	7,16	2,84	7,34	2,86	7,87	2,93	8,21	2,96
2.0+2.5+4.2	22,0	8,57	2,27	8,93	2,31	9,28	2,35	9,45	2,37	9,98	2,44	10,33	2,48
	25,0	8,36	2,35	8,71	2,39	9,07	2,43	9,24	2,45	9,77	2,51	10,12	2,55
	32,0	7,86	2,54	8,22	2,58	8,57	2,62	8,74	2,64	9,27	2,71	9,62	2,75
	35,0	7,65	2,63	8,00	2,67	8,35	2,71	8,53	2,73	9,06	2,79	9,41	2,84
	40,0	7,29	2,79	7,65	2,83	8,00	2,87	8,17	2,89	8,70	2,95	9,05	2,99
	43,0	7,08	2,89	7,43	2,93	7,78	2,97	7,96	2,99	8,49	3,05	8,84	3,09
	46,0	6,87	2,99	7,22	3,03	7,57	3,07	7,75	3,09	8,28	3,16	8,62	3,19
2.0+2.5+5.0	22,0	8,87	2,25	9,26	2,30	9,66	2,35	9,85	2,37	10,44	2,45	10,84	2,50
	25,0	8,63	2,34	9,02	2,39	9,42	2,44	9,61	2,46	10,20	2,54	10,60	2,59
	32,0	8,08	2,57	8,47	2,62	8,86	2,67	9,06	2,70	9,65	2,77	10,04	2,82
	35,0	7,84	2,68	8,23	2,73	8,62	2,78	8,82	2,80	9,41	2,88	9,80	2,93
	40,0	7,44	2,87	7,83	2,92	8,23	2,97	8,42	2,99	9,01	3,07	9,41	3,12
	43,0	7,20	2,99	7,60	3,04	7,99	3,09	8,18	3,11	8,77	3,19	9,17	3,24
	46,0	6,91	2,74	7,26	2,74	7,60	2,74	7,77	2,74	8,27	2,74	8,59	2,74

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+6.0	22,0	9,33	2,32	9,72	2,37	10,12	2,42	10,31	2,44	10,90	2,52	11,30	2,57
	25,0	9,09	2,41	9,48	2,46	9,88	2,51	10,07	2,53	10,66	2,61	11,06	2,66
	32,0	8,54	2,64	8,93	2,69	9,32	2,74	9,52	2,77	10,11	2,84	10,50	2,89
	35,0	8,30	2,75	8,69	2,80	9,08	2,85	9,28	2,87	9,87	2,95	10,26	3,00
	40,0	7,90	2,94	8,29	2,99	8,69	3,04	8,88	3,06	9,47	3,14	9,87	3,19
	43,0	7,66	3,06	8,06	3,11	8,45	3,16	8,64	3,18	9,23	3,26	9,63	3,31
	46,0	7,37	2,81	7,72	2,81	8,06	2,81	8,23	2,81	8,73	2,81	9,05	2,81
2.0+2.5+7.1	22,0	9,54	2,44	9,93	2,49	10,33	2,54	10,52	2,56	11,11	2,64	11,51	2,69
	25,0	9,30	2,53	9,69	2,58	10,09	2,63	10,28	2,65	10,87	2,73	11,27	2,78
	32,0	8,75	2,76	9,14	2,81	9,53	2,86	9,73	2,89	10,32	2,96	10,71	3,01
	35,0	8,51	2,87	8,90	2,92	9,29	2,97	9,49	2,99	10,08	3,07	10,47	3,12
	40,0	8,11	3,06	8,50	3,11	8,90	3,16	9,09	3,18	9,68	3,26	10,08	3,31
	43,0	7,87	3,18	8,27	3,23	8,66	3,28	8,85	3,30	9,44	3,38	9,84	3,43
	46,0	7,58	2,93	7,93	2,93	8,27	2,93	8,44	2,93	8,94	2,93	9,26	2,93
2.0+3.5+3.5	22,0	8,69	2,23	9,08	2,28	9,47	2,33	9,67	2,36	10,25	2,43	10,64	2,48
	25,0	8,45	2,32	8,84	2,37	9,20	2,42	9,43	2,45	10,01	2,53	10,40	2,58
	32,0	7,90	2,56	8,29	2,61	8,68	2,66	8,88	2,68	9,46	2,76	9,85	2,81
	35,0	7,66	2,69	8,05	2,72	8,44	2,77	8,64	2,79	9,23	2,87	9,62	2,92
	40,0	7,27	2,86	7,66	2,91	8,05	2,96	8,25	2,99	8,83	3,06	9,22	3,11
	43,0	7,03	2,98	7,42	3,03	7,81	3,08	8,01	3,11	8,59	3,18	8,98	3,23
	46,0	6,75	2,69	7,10	2,69	7,44	2,69	7,60	2,69	8,09	2,69	8,41	2,69
2.0+3.5+4.2	22,0	8,70	2,23	9,09	2,28	9,48	2,33	9,68	2,36	10,26	2,43	10,65	2,48
	25,0	8,46	2,32	8,85	2,37	9,21	2,42	9,44	2,45	10,02	2,53	10,41	2,58
	32,0	7,91	2,56	8,30	2,61	8,69	2,66	8,89	2,68	9,47	2,76	9,86	2,81
	35,0	7,67	2,69	8,06	2,72	8,45	2,77	8,65	2,79	9,24	2,87	9,63	2,92
	40,0	7,28	2,86	7,67	2,91	8,06	2,96	8,26	2,99	8,84	3,06	9,23	3,11
	43,0	7,04	2,98	7,43	3,03	7,82	3,08	8,02	3,11	8,60	3,18	8,99	3,23
	46,0	6,76	2,69	7,11	2,69	7,45	2,69	7,61	2,69	8,10	2,69	8,42	2,69
2.0+3.5+5.0	22,0	8,88	2,25	9,28	2,30	9,68	2,35	9,88	2,37	10,48	2,45	10,88	2,50
	25,0	8,64	2,34	9,04	2,39	9,44	2,44	9,64	2,47	10,23	2,54	10,63	2,59
	32,0	8,07	2,58	8,47	2,63	8,87	2,68	9,07	2,70	9,67	2,75	10,07	2,83
	35,0	7,83	2,69	8,23	2,74	8,63	2,79	8,83	2,81	9,43	2,89	9,83	2,94
	40,0	7,43	2,88	7,83	2,93	8,23	2,98	8,43	3,01	9,03	3,08	9,42	3,13
	43,0	7,19	3,00	7,59	3,05	7,99	3,11	8,18	3,13	8,78	3,21	9,18	3,25
	46,0	6,89	2,68	7,24	2,68	7,58	2,68	7,75	2,68	8,24	2,68	8,57	2,68
2.0+3.5+6.0	22,0	9,53	2,43	9,93	2,48	10,33	2,53	10,53	2,55	11,13	2,63	11,53	2,68
	25,0	9,29	2,52	9,69	2,57	10,09	2,62	10,29	2,65	10,88	2,72	11,28	2,77
	32,0	8,72	2,76	9,12	2,81	9,52	2,86	9,72	2,88	10,32	2,93	10,72	3,01
	35,0	8,48	2,87	8,88	2,92	9,28	2,97	9,48	2,99	10,08	3,07	10,48	3,12
	40,0	8,08	3,06	8,48	3,11	8,88	3,16	9,08	3,19	9,68	3,26	10,07	3,31
	43,0	7,84	3,18	8,24	3,23	8,64	3,29	8,83	3,31	9,43	3,39	9,83	3,43
	46,0	7,54	2,86	7,89	2,86	8,23	2,86	8,40	2,86	8,89	2,86	9,22	2,86

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104111

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+3.5+7.1	22,0	9,55	2,43	9,95	2,48	10,35	2,53	10,55	2,55	11,15	2,63	11,55	2,68
	25,0	9,31	2,52	9,71	2,57	10,11	2,62	10,31	2,65	10,90	2,72	11,30	2,77
	32,0	8,74	2,76	9,14	2,81	9,54	2,86	9,74	2,88	10,34	2,93	10,74	3,01
	35,0	8,50	2,87	8,90	2,92	9,30	2,97	9,50	2,99	10,10	3,07	10,50	3,12
	40,0	8,10	3,06	8,50	3,11	8,90	3,16	9,10	3,19	9,70	3,26	10,09	3,31
	43,0	7,86	3,18	8,26	3,23	8,66	3,29	8,85	3,31	9,45	3,39	9,85	3,43
	46,0	7,56	2,86	7,91	2,86	8,25	2,86	8,42	2,86	8,91	2,86	9,24	2,86
2.0+4.2+4.2	22,0	8,71	2,23	9,10	2,28	9,49	2,33	9,69	2,36	10,27	2,43	10,66	2,48
	25,0	8,47	2,32	8,86	2,37	9,22	2,42	9,45	2,45	10,03	2,53	10,42	2,58
	32,0	7,92	2,56	8,31	2,61	8,70	2,66	8,90	2,68	9,48	2,76	9,87	2,81
	35,0	7,68	2,69	8,07	2,72	8,46	2,77	8,66	2,79	9,25	2,87	9,64	2,92
	40,0	7,29	2,86	7,68	2,91	8,07	2,96	8,27	2,99	8,85	3,06	9,24	3,11
	43,0	7,05	2,98	7,44	3,03	7,83	3,08	8,03	3,11	8,61	3,18	9,00	3,23
	46,0	6,77	2,69	7,12	2,69	7,46	2,69	7,62	2,69	8,11	2,69	8,43	2,69
2.0+4.2+5.0	22,0	9,07	2,37	9,47	2,42	9,87	2,47	10,07	2,49	10,67	2,57	11,07	2,62
	25,0	8,83	2,46	9,23	2,51	9,63	2,56	9,83	2,59	10,42	2,66	10,82	2,71
	32,0	8,26	2,70	8,66	2,75	9,06	2,80	9,26	2,82	9,86	2,87	10,26	2,95
	35,0	8,02	2,81	8,42	2,86	8,82	2,91	9,02	2,93	9,62	3,01	10,02	3,06
	40,0	7,62	3,00	8,02	3,05	8,42	3,10	8,62	3,13	9,22	3,20	9,61	3,25
	43,0	7,38	3,12	7,78	3,17	8,18	3,23	8,37	3,25	8,97	3,33	9,37	3,37
	46,0	7,08	2,80	7,43	2,80	7,77	2,80	7,94	2,80	8,43	2,80	8,76	2,80
2.0+4.2+6.0	22,0	9,54	2,43	9,94	2,48	10,34	2,53	10,54	2,55	11,14	2,63	11,54	2,68
	25,0	9,30	2,52	9,70	2,57	10,10	2,62	10,30	2,65	10,89	2,72	11,29	2,77
	32,0	8,73	2,76	9,13	2,81	9,53	2,86	9,73	2,88	10,33	2,93	10,73	3,01
	35,0	8,49	2,87	8,89	2,92	9,29	2,97	9,49	2,99	10,09	3,07	10,49	3,12
	40,0	8,09	3,06	8,49	3,11	8,89	3,16	9,09	3,19	9,69	3,26	10,08	3,31
	43,0	7,85	3,18	8,25	3,23	8,65	3,29	8,84	3,31	9,44	3,39	9,84	3,43
	46,0	7,55	2,86	7,90	2,86	8,24	2,86	8,41	2,86	8,90	2,86	9,23	2,86
2.0+4.2+7.1	22,0	9,56	2,43	9,96	2,48	10,36	2,53	10,56	2,55	11,16	2,63	11,56	2,68
	25,0	9,32	2,52	9,72	2,57	10,12	2,62	10,32	2,65	10,91	2,72	11,31	2,77
	32,0	8,75	2,76	9,15	2,81	9,55	2,86	9,75	2,88	10,35	2,93	10,75	3,01
	35,0	8,51	2,87	8,91	2,92	9,31	2,97	9,51	2,99	10,11	3,07	10,51	3,12
	40,0	8,11	3,06	8,51	3,11	8,91	3,16	9,11	3,19	9,71	3,26	10,10	3,31
	43,0	7,87	3,18	8,27	3,23	8,67	3,29	8,86	3,31	9,46	3,39	9,86	3,43
	46,0	7,57	2,86	7,92	2,86	8,26	2,86	8,43	2,86	8,92	2,86	9,25	2,86
2.0+5.0+5.0	22,0	9,25	2,36	9,67	2,41	10,08	2,46	10,29	2,49	10,92	2,57	11,33	2,62
	25,0	9,00	2,46	9,42	2,51	9,83	2,56	10,04	2,59	10,66	2,67	11,08	2,72
	32,0	8,41	2,71	8,83	2,76	9,24	2,81	9,45	2,84	10,08	2,92	10,49	2,97
	35,0	8,16	2,82	8,58	2,87	8,99	2,93	9,20	2,95	9,82	3,03	10,24	3,09
	40,0	7,74	3,02	8,16	3,08	8,57	3,13	8,78	3,16	9,40	3,24	9,82	3,29
	43,0	7,49	3,15	7,90	3,21	8,32	3,23	8,52	3,23	9,12	3,23	9,50	3,23
	46,0	7,17	2,66	7,52	2,66	7,86	2,66	8,03	2,66	8,53	2,66	8,86	2,66

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+5.0+6.0	22,0	9,71	2,43	10,13	2,48	10,54	2,53	10,75	2,56	11,38	2,64	11,79	2,69
	25,0	9,46	2,53	9,88	2,58	10,29	2,63	10,50	2,66	11,12	2,74	11,54	2,79
	32,0	8,87	2,78	9,29	2,83	9,70	2,88	9,91	2,91	10,54	2,99	10,95	3,04
	35,0	8,62	2,89	9,04	2,94	9,45	3,00	9,66	3,02	10,28	3,10	10,70	3,16
	40,0	8,20	3,09	8,62	3,15	9,03	3,20	9,24	3,23	9,86	3,31	10,28	3,36
	43,0	7,95	3,22	8,36	3,28	8,78	3,30	8,98	3,30	9,58	3,30	9,96	3,30
	46,0	7,63	2,73	7,98	2,73	8,32	2,73	8,49	2,73	8,99	2,73	9,32	2,73
2.0+5.0+7.1	22,0	9,73	2,43	10,15	2,48	10,56	2,53	10,77	2,56	11,40	2,64	11,81	2,69
	25,0	9,48	2,53	9,90	2,58	10,31	2,63	10,52	2,66	11,14	2,74	11,56	2,79
	32,0	8,89	2,78	9,31	2,83	9,72	2,88	9,93	2,91	10,56	2,99	10,97	3,04
	35,0	8,64	2,89	9,06	2,94	9,47	3,00	9,68	3,02	10,30	3,10	10,72	3,16
	40,0	8,22	3,09	8,64	3,15	9,05	3,20	9,26	3,23	9,88	3,31	10,30	3,36
	43,0	7,97	3,22	8,38	3,28	8,80	3,30	9,00	3,30	9,60	3,30	9,98	3,30
	46,0	7,65	2,73	8,00	2,73	8,34	2,73	8,51	2,73	9,01	2,73	9,34	2,73
2.0+6.0+6.0	22,0	10,18	2,49	10,60	2,54	11,01	2,59	11,22	2,62	11,85	2,70	12,26	2,75
	25,0	9,93	2,59	10,35	2,64	10,76	2,69	10,97	2,72	11,59	2,80	12,01	2,85
	32,0	9,34	2,84	9,76	2,89	10,17	2,94	10,38	2,97	11,01	3,05	11,42	3,10
	35,0	9,09	2,95	9,51	3,00	9,92	3,06	10,13	3,08	10,75	3,16	11,17	3,22
	40,0	8,67	3,15	9,09	3,21	9,50	3,26	9,71	3,29	10,33	3,37	10,75	3,42
	43,0	8,42	3,28	8,83	3,34	9,25	3,36	9,45	3,36	10,05	3,36	10,43	3,36
	46,0	8,10	2,79	8,45	2,79	8,79	2,79	8,96	2,79	9,46	2,79	9,79	2,79
2.0+6.0+7.1	22,0	10,66	2,97	11,08	3,02	11,49	3,07	11,70	3,10	12,33	3,18	12,74	3,23
	25,0	10,41	3,07	10,83	3,12	11,24	3,17	11,45	3,20	12,07	3,28	12,49	3,33
	32,0	9,82	3,32	10,24	3,37	10,65	3,42	10,86	3,45	11,49	3,53	11,90	3,58
	35,0	9,57	3,43	9,99	3,48	10,40	3,54	10,61	3,56	11,23	3,64	11,65	3,70
	40,0	9,15	3,63	9,57	3,69	9,98	3,74	10,19	3,77	10,81	3,85	11,23	3,90
	43,0	8,90	3,76	9,31	3,82	9,73	3,84	9,93	3,84	10,53	3,84	10,91	3,84
	46,0	8,58	3,27	8,93	3,27	9,27	3,27	9,44	3,27	9,94	3,27	10,27	3,27
2.5+2.5+2.5	22,0	7,83	1,94	8,13	1,97	8,44	2,00	8,59	2,02	9,05	2,07	9,36	2,10
	25,0	7,64	2,00	7,95	2,03	8,25	2,06	8,41	2,08	8,87	2,12	9,17	2,16
	32,0	7,21	2,15	7,52	2,18	7,82	2,21	7,98	2,22	8,43	2,27	8,74	2,30
	35,0	7,03	2,21	7,33	2,25	7,64	2,28	7,79	2,29	8,25	2,34	8,55	2,37
	40,0	6,72	2,33	7,02	2,37	7,33	2,40	7,48	2,41	7,94	2,46	8,24	2,49
	43,0	6,53	2,41	6,84	2,44	7,14	2,47	7,30	2,49	7,75	2,54	8,06	2,57
	46,0	6,35	2,49	6,65	2,52	6,96	2,55	7,11	2,57	7,57	2,62	7,87	2,65
2.5+2.5+3.5	22,0	8,46	2,21	8,82	2,25	9,17	2,29	9,34	2,31	9,87	2,38	10,22	2,42
	25,0	8,25	2,29	8,60	2,33	8,96	2,37	9,13	2,39	9,66	2,45	10,01	2,49
	32,0	7,75	2,48	8,11	2,52	8,46	2,56	8,63	2,58	9,16	2,65	9,51	2,69
	35,0	7,54	2,57	7,89	2,61	8,24	2,65	8,42	2,67	8,95	2,73	9,30	2,78
	40,0	7,18	2,73	7,54	2,77	7,89	2,81	8,06	2,83	8,59	2,89	8,94	2,93
	43,0	6,97	2,83	7,32	2,87	7,67	2,91	7,85	2,93	8,38	2,99	8,73	3,03
	46,0	6,76	2,93	7,11	2,97	7,46	3,01	7,64	3,03	8,17	3,10	8,51	3,13

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104112

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+2.5+4.2	22,0	8,68	2,33	9,04	2,37	9,39	2,41	9,56	2,43	10,09	2,50	10,44	2,54
	25,0	8,47	2,41	8,82	2,45	9,18	2,49	9,35	2,51	9,88	2,57	10,23	2,61
	32,0	7,97	2,60	8,33	2,64	8,68	2,68	8,85	2,70	9,38	2,77	9,73	2,81
	35,0	7,76	2,69	8,11	2,73	8,46	2,77	8,64	2,79	9,17	2,85	9,52	2,90
	40,0	7,40	2,85	7,76	2,89	8,11	2,93	8,28	2,95	8,81	3,01	9,16	3,05
	43,0	7,19	2,95	7,54	2,99	7,89	3,03	8,07	3,05	8,60	3,11	8,95	3,15
	46,0	6,98	3,05	7,33	3,09	7,68	3,13	7,86	3,15	8,39	3,22	8,73	3,25
2.5+2.5+5.0	22,0	8,87	2,25	9,26	2,30	9,66	2,35	9,85	2,37	10,44	2,45	10,84	2,50
	25,0	8,63	2,34	9,02	2,39	9,42	2,44	9,61	2,46	10,20	2,54	10,60	2,59
	32,0	8,08	2,57	8,47	2,62	8,86	2,67	9,06	2,70	9,65	2,77	10,04	2,82
	35,0	7,84	2,68	8,23	2,73	8,62	2,78	8,82	2,80	9,41	2,88	9,80	2,93
	40,0	7,44	2,87	7,83	2,92	8,23	2,97	8,42	2,99	9,01	3,07	9,41	3,12
	43,0	7,20	2,99	7,60	3,04	7,99	3,09	8,18	3,11	8,77	3,19	9,17	3,24
	46,0	6,91	2,74	7,26	2,74	7,60	2,74	7,77	2,74	8,27	2,74	8,59	2,74
2.5+2.5+6.0	22,0	9,33	2,32	9,72	2,37	10,12	2,42	10,31	2,44	10,90	2,52	11,30	2,57
	25,0	9,09	2,41	9,48	2,46	9,88	2,51	10,07	2,53	10,66	2,61	11,06	2,66
	32,0	8,54	2,64	8,93	2,69	9,32	2,74	9,52	2,77	10,11	2,84	10,50	2,89
	35,0	8,30	2,75	8,69	2,80	9,08	2,85	9,28	2,87	9,87	2,95	10,26	3,00
	40,0	7,90	2,94	8,29	2,99	8,69	3,04	8,88	3,06	9,47	3,14	9,87	3,19
	43,0	7,66	3,06	8,06	3,11	8,45	3,16	8,64	3,18	9,23	3,26	9,63	3,31
	46,0	7,37	2,81	7,72	2,81	8,06	2,81	8,23	2,81	8,73	2,81	9,05	2,81
2.5+2.5+7.1	22,0	9,54	2,44	9,93	2,49	10,33	2,54	10,52	2,56	11,11	2,64	11,51	2,69
	25,0	9,30	2,53	9,69	2,58	10,09	2,63	10,28	2,65	10,87	2,73	11,27	2,78
	32,0	8,75	2,76	9,14	2,81	9,53	2,86	9,73	2,89	10,32	2,96	10,71	3,01
	35,0	8,51	2,87	8,90	2,92	9,29	2,97	9,49	2,99	10,08	3,07	10,47	3,12
	40,0	8,11	3,06	8,50	3,11	8,90	3,16	9,09	3,18	9,68	3,26	10,08	3,31
	43,0	7,87	3,18	8,27	3,23	8,66	3,28	8,85	3,30	9,44	3,38	9,84	3,43
	46,0	7,58	2,93	7,93	2,93	8,27	2,93	8,44	2,93	8,94	2,93	9,26	2,93
2.5+3.5+3.5	22,0	8,69	2,23	9,08	2,28	9,47	2,33	9,67	2,36	10,25	2,43	10,64	2,48
	25,0	8,45	2,32	8,84	2,37	9,20	2,42	9,43	2,45	10,01	2,53	10,40	2,58
	32,0	7,90	2,56	8,29	2,61	8,68	2,66	8,88	2,68	9,46	2,76	9,85	2,81
	35,0	7,66	2,69	8,05	2,72	8,44	2,77	8,64	2,79	9,23	2,87	9,62	2,92
	40,0	7,27	2,86	7,66	2,91	8,05	2,96	8,25	2,99	8,83	3,06	9,22	3,11
	43,0	7,03	2,98	7,42	3,03	7,81	3,08	8,01	3,11	8,59	3,18	8,98	3,23
	46,0	6,75	2,69	7,10	2,69	7,44	2,69	7,60	2,69	8,09	2,69	8,41	2,69
2.5+3.5+4.2	22,0	8,70	2,23	9,09	2,28	9,48	2,33	9,68	2,36	10,26	2,43	10,65	2,48
	25,0	8,46	2,32	8,85	2,37	9,21	2,42	9,44	2,45	10,02	2,53	10,41	2,58
	32,0	7,91	2,56	8,30	2,61	8,69	2,66	8,89	2,68	9,47	2,76	9,86	2,81
	35,0	7,67	2,69	8,06	2,72	8,45	2,77	8,65	2,79	9,24	2,87	9,63	2,92
	40,0	7,28	2,86	7,67	2,91	8,06	2,96	8,26	2,99	8,84	3,06	9,23	3,11
	43,0	7,04	2,98	7,43	3,03	7,82	3,08	8,02	3,11	8,60	3,18	8,99	3,23
	46,0	6,76	2,69	7,11	2,69	7,45	2,69	7,61	2,69	8,10	2,69	8,42	2,69

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+3.5+5.0	22,0	8,88	2,25	9,28	2,30	9,68	2,35	9,88	2,37	10,48	2,45	10,88	2,50
	25,0	8,64	2,34	9,04	2,39	9,44	2,44	9,64	2,47	10,23	2,54	10,63	2,59
	32,0	8,07	2,58	8,47	2,63	8,87	2,68	9,07	2,70	9,67	2,75	10,07	2,83
	35,0	7,83	2,69	8,23	2,74	8,63	2,79	8,83	2,81	9,43	2,89	9,83	2,94
	40,0	7,43	2,88	7,83	2,93	8,23	2,98	8,43	3,01	9,03	3,08	9,42	3,13
	43,0	7,19	3,00	7,59	3,05	7,99	3,11	8,18	3,13	8,78	3,21	9,18	3,25
	46,0	6,89	2,68	7,24	2,68	7,58	2,68	7,75	2,68	8,24	2,68	8,57	2,68
2.5+3.5+6.0	22,0	9,53	2,43	9,93	2,48	10,33	2,53	10,53	2,55	11,13	2,63	11,53	2,68
	25,0	9,29	2,52	9,69	2,57	10,09	2,62	10,29	2,65	10,88	2,72	11,28	2,77
	32,0	8,72	2,76	9,12	2,81	9,52	2,86	9,72	2,88	10,32	2,93	10,72	3,01
	35,0	8,48	2,87	8,88	2,92	9,28	2,97	9,48	2,99	10,08	3,07	10,48	3,12
	40,0	8,08	3,06	8,48	3,11	8,88	3,16	9,08	3,19	9,68	3,26	10,07	3,31
	43,0	7,84	3,18	8,24	3,23	8,64	3,29	8,83	3,31	9,43	3,39	9,83	3,43
	46,0	7,54	2,86	7,89	2,86	8,23	2,86	8,40	2,86	8,89	2,86	9,22	2,86
2.5+3.5+7.1	22,0	9,55	2,43	9,95	2,48	10,35	2,53	10,55	2,55	11,15	2,63	11,55	2,68
	25,0	9,31	2,52	9,71	2,57	10,11	2,62	10,31	2,65	10,90	2,72	11,30	2,77
	32,0	8,74	2,76	9,14	2,81	9,54	2,86	9,74	2,88	10,34	2,93	10,74	3,01
	35,0	8,50	2,87	8,90	2,92	9,30	2,97	9,50	2,99	10,10	3,07	10,50	3,12
	40,0	8,10	3,06	8,50	3,11	8,90	3,16	9,10	3,19	9,70	3,26	10,09	3,31
	43,0	7,86	3,18	8,26	3,23	8,66	3,29	8,85	3,31	9,45	3,39	9,85	3,43
	46,0	7,56	2,86	7,91	2,86	8,25	2,86	8,42	2,86	8,91	2,86	9,24	2,86
2.5+4.2+4.2	22,0	8,66	2,23	9,05	2,28	9,44	2,33	9,64	2,36	10,22	2,43	10,61	2,48
	25,0	8,42	2,32	8,81	2,37	9,17	2,42	9,40	2,45	9,98	2,53	10,37	2,58
	32,0	7,87	2,56	8,26	2,61	8,65	2,66	8,85	2,68	9,43	2,76	9,82	2,81
	35,0	7,63	2,69	8,02	2,72	8,41	2,77	8,61	2,79	9,20	2,87	9,59	2,92
	40,0	7,24	2,86	7,63	2,91	8,02	2,96	8,22	2,99	8,80	3,06	9,19	3,11
	43,0	7,00	2,98	7,39	3,03	7,78	3,08	7,98	3,11	8,56	3,18	8,95	3,23
	46,0	6,72	2,69	7,07	2,69	7,41	2,69	7,57	2,69	8,06	2,69	8,38	2,69
2.5+4.2+5.0	22,0	9,07	2,37	9,47	2,42	9,87	2,47	10,07	2,49	10,67	2,57	11,07	2,62
	25,0	8,83	2,46	9,23	2,51	9,63	2,56	9,83	2,59	10,42	2,66	10,82	2,71
	32,0	8,26	2,70	8,66	2,75	9,06	2,80	9,26	2,82	9,86	2,87	10,26	2,95
	35,0	8,02	2,81	8,42	2,86	8,82	2,91	9,02	2,93	9,62	3,01	10,02	3,06
	40,0	7,62	3,00	8,02	3,05	8,42	3,10	8,62	3,13	9,22	3,20	9,61	3,25
	43,0	7,38	3,12	7,78	3,17	8,18	3,23	8,37	3,25	8,97	3,33	9,37	3,37
	46,0	7,08	2,80	7,43	2,80	7,77	2,80	7,94	2,80	8,43	2,80	8,76	2,80
2.5+4.2+6.0	22,0	9,54	2,43	9,94	2,48	10,34	2,53	10,54	2,55	11,14	2,63	11,54	2,68
	25,0	9,30	2,52	9,70	2,57	10,10	2,62	10,30	2,65	10,89	2,72	11,29	2,77
	32,0	8,73	2,76	9,13	2,81	9,53	2,86	9,73	2,88	10,33	2,93	10,73	3,01
	35,0	8,49	2,87	8,89	2,92	9,29	2,97	9,49	2,99	10,09	3,07	10,49	3,12
	40,0	8,09	3,06	8,49	3,11	8,89	3,16	9,09	3,19	9,69	3,26	10,08	3,31
	43,0	7,85	3,18	8,25	3,23	8,65	3,29	8,84	3,31	9,44	3,39	9,84	3,43
	46,0	7,55	2,86	7,90	2,86	8,24	2,86	8,41	2,86	8,90	2,86	9,23	2,86

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104113

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+4.2+7.1	22,0	9,56	2,43	9,96	2,48	10,36	2,53	10,56	2,55	11,16	2,63	11,56	2,68
	25,0	9,32	2,52	9,72	2,57	10,12	2,62	10,32	2,65	10,91	2,72	11,31	2,77
	32,0	8,75	2,76	9,15	2,81	9,55	2,86	9,75	2,88	10,35	2,93	10,75	3,01
	35,0	8,51	2,87	8,91	2,92	9,31	2,97	9,51	2,99	10,11	3,07	10,51	3,12
	40,0	8,11	3,06	8,51	3,11	8,91	3,16	9,11	3,19	9,71	3,26	10,10	3,31
	43,0	7,87	3,18	8,27	3,23	8,67	3,29	8,86	3,31	9,46	3,39	9,86	3,43
	46,0	7,57	2,86	7,92	2,86	8,26	2,86	8,43	2,86	8,92	2,86	9,25	2,86
2.5+5.0+5.0	22,0	9,25	2,41	9,67	2,46	10,08	2,51	10,29	2,54	10,92	2,62	11,33	2,67
	25,0	9,00	2,51	9,42	2,56	9,83	2,61	10,04	2,64	10,66	2,72	11,08	2,77
	32,0	8,41	2,76	8,83	2,81	9,24	2,86	9,45	2,89	10,08	2,97	10,49	3,02
	35,0	8,16	2,87	8,58	2,92	8,99	2,98	9,20	3,00	9,82	3,08	10,24	3,14
	40,0	7,74	3,07	8,16	3,13	8,57	3,18	8,78	3,21	9,40	3,29	9,82	3,34
	43,0	7,49	3,20	7,90	3,26	8,32	3,28	8,52	3,28	9,12	3,28	9,50	3,28
	46,0	7,17	2,71	7,52	2,71	7,86	2,71	8,03	2,71	8,53	2,71	8,86	2,71
2.5+5.0+6.0	22,0	9,71	2,43	10,13	2,48	10,54	2,53	10,75	2,56	11,38	2,64	11,79	2,69
	25,0	9,46	2,53	9,88	2,58	10,29	2,63	10,50	2,66	11,12	2,74	11,54	2,79
	32,0	8,87	2,78	9,29	2,83	9,70	2,88	9,91	2,91	10,54	2,99	10,95	3,04
	35,0	8,62	2,89	9,04	2,94	9,45	3,00	9,66	3,02	10,28	3,10	10,70	3,16
	40,0	8,20	3,09	8,62	3,15	9,03	3,20	9,24	3,23	9,86	3,31	10,28	3,36
	43,0	7,95	3,22	8,36	3,28	8,78	3,30	8,98	3,30	9,58	3,30	9,96	3,30
	46,0	7,63	2,73	7,98	2,73	8,32	2,73	8,49	2,73	8,99	2,73	9,32	2,73
2.5+5.0+7.1	22,0	9,73	2,43	10,15	2,48	10,56	2,53	10,77	2,56	11,40	2,64	11,81	2,69
	25,0	9,48	2,53	9,90	2,58	10,31	2,63	10,52	2,66	11,14	2,74	11,56	2,79
	32,0	8,89	2,78	9,31	2,83	9,72	2,88	9,93	2,91	10,56	2,99	10,97	3,04
	35,0	8,64	2,89	9,06	2,94	9,47	3,00	9,68	3,02	10,30	3,10	10,72	3,16
	40,0	8,22	3,09	8,64	3,15	9,05	3,20	9,26	3,23	9,88	3,31	10,30	3,36
	43,0	7,97	3,22	8,38	3,28	8,80	3,30	9,00	3,30	9,60	3,30	9,98	3,30
	46,0	7,65	2,73	8,00	2,73	8,34	2,73	8,51	2,73	9,01	2,73	9,34	2,73
2.5+6.0+6.0	22,0	10,18	2,49	10,60	2,54	11,01	2,59	11,22	2,62	11,85	2,70	12,26	2,75
	25,0	9,93	2,59	10,35	2,64	10,76	2,69	10,97	2,72	11,59	2,80	12,01	2,85
	32,0	9,34	2,84	9,76	2,89	10,17	2,94	10,38	2,97	11,01	3,05	11,42	3,10
	35,0	9,09	2,95	9,51	3,00	9,92	3,06	10,13	3,08	10,75	3,16	11,17	3,22
	40,0	8,67	3,15	9,09	3,21	9,50	3,26	9,71	3,29	10,33	3,37	10,75	3,42
	43,0	8,42	3,28	8,83	3,34	9,25	3,36	9,45	3,36	10,05	3,36	10,43	3,36
	46,0	8,10	2,79	8,45	2,79	8,79	2,79	8,96	2,79	9,46	2,79	9,79	2,79
2.5+6.0+7.1	22,0	10,66	2,97	11,08	3,02	11,49	3,07	11,70	3,10	12,33	3,18	12,74	3,23
	25,0	10,41	3,07	10,83	3,12	11,24	3,17	11,45	3,20	12,07	3,28	12,49	3,33
	32,0	9,82	3,32	10,24	3,37	10,65	3,42	10,86	3,45	11,49	3,53	11,90	3,58
	35,0	9,57	3,43	9,99	3,48	10,40	3,54	10,61	3,56	11,23	3,64	11,65	3,70
	40,0	9,15	3,63	9,57	3,69	9,98	3,74	10,19	3,77	10,81	3,85	11,23	3,90
	43,0	8,90	3,76	9,31	3,82	9,73	3,84	9,93	3,84	10,53	3,84	10,91	3,84
	46,0	8,58	3,27	8,93	3,27	9,27	3,27	9,44	3,27	9,94	3,27	10,27	3,27

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+3.5+3.5	22,0	8,82	2,32	9,22	2,37	9,61	2,42	9,81	2,45	10,41	2,53	10,80	2,58
	25,0	8,58	2,42	8,98	2,47	9,37	2,52	9,57	2,55	10,17	2,62	10,56	2,68
	32,0	8,02	2,66	8,42	2,71	8,81	2,76	9,01	2,79	9,60	2,87	10,00	2,92
	35,0	7,78	2,77	8,18	2,83	8,57	2,88	8,77	2,90	9,36	2,98	9,70	3,03
	40,0	7,38	2,97	7,78	3,03	8,17	3,08	8,37	3,10	8,96	3,18	9,36	3,23
	43,0	7,14	3,10	7,53	3,15	7,93	3,20	8,13	3,23	8,41	3,24	8,49	3,24
	46,0	6,87	2,67	7,21	2,67	7,55	2,67	7,71	2,67	8,20	2,67	8,47	2,67
3.5+3.5+4.2	22,0	8,88	2,32	9,28	2,37	9,67	2,42	9,87	2,45	10,47	2,53	10,86	2,58
	25,0	8,64	2,42	9,04	2,47	9,43	2,52	9,63	2,55	10,23	2,62	10,62	2,68
	32,0	8,08	2,66	8,48	2,71	8,87	2,76	9,07	2,79	9,66	2,87	10,06	2,92
	35,0	7,84	2,77	8,24	2,83	8,63	2,88	8,83	2,90	9,42	2,98	9,76	3,03
	40,0	7,44	2,97	7,84	3,03	8,23	3,08	8,43	3,10	9,02	3,18	9,42	3,23
	43,0	7,20	3,10	7,59	3,15	7,99	3,20	8,19	3,23	8,47	3,24	8,55	3,24
	46,0	6,93	2,67	7,27	2,67	7,61	2,67	7,77	2,67	8,26	2,67	8,53	2,67
3.5+3.5+5.0	22,0	9,07	2,36	9,48	2,41	9,89	2,46	10,09	2,49	10,70	2,57	11,11	2,62
	25,0	8,83	2,46	9,23	2,51	9,64	2,56	9,84	2,59	10,45	2,67	10,86	2,72
	32,0	8,25	2,71	8,66	2,76	9,06	2,81	9,27	2,84	9,88	2,92	10,29	2,97
	35,0	8,00	2,82	8,41	2,87	8,82	2,93	9,02	2,95	9,63	3,03	10,04	3,09
	40,0	7,59	3,02	8,00	3,08	8,40	3,13	8,61	3,16	9,22	3,24	9,63	3,29
	43,0	7,34	3,15	7,75	3,21	8,16	3,23	8,36	3,23	8,94	3,23	9,33	3,23
	46,0	7,05	2,66	7,40	2,66	7,74	2,66	7,90	2,66	8,40	2,66	8,72	2,66
3.5+3.5+6.0	22,0	9,54	2,40	9,95	2,45	10,36	2,50	10,56	2,53	11,17	2,61	11,58	2,66
	25,0	9,30	2,50	9,70	2,55	10,11	2,60	10,31	2,63	10,92	2,71	11,33	2,76
	32,0	8,72	2,75	9,13	2,80	9,53	2,85	9,74	2,88	10,35	2,96	10,76	3,01
	35,0	8,47	2,86	8,88	2,91	9,29	2,97	9,49	2,99	10,10	3,07	10,51	3,13
	40,0	8,06	3,06	8,47	3,12	8,87	3,17	9,08	3,20	9,69	3,28	10,10	3,33
	43,0	7,81	3,19	8,22	3,25	8,63	3,27	8,83	3,27	9,41	3,27	9,80	3,27
	46,0	7,52	2,70	7,87	2,70	8,21	2,70	8,37	2,70	8,87	2,70	9,19	2,70
3.5+3.5+7.1	22,0	9,56	2,40	9,97	2,45	10,38	2,50	10,58	2,53	11,19	2,61	11,60	2,66
	25,0	9,32	2,50	9,72	2,55	10,13	2,60	10,33	2,63	10,94	2,71	11,35	2,76
	32,0	8,74	2,75	9,15	2,80	9,55	2,85	9,76	2,88	10,37	2,96	10,78	3,01
	35,0	8,49	2,86	8,90	2,91	9,31	2,97	9,51	2,99	10,12	3,07	10,53	3,13
	40,0	8,08	3,06	8,49	3,12	8,89	3,17	9,10	3,20	9,71	3,28	10,12	3,33
	43,0	7,83	3,19	8,24	3,25	8,65	3,27	8,85	3,27	9,43	3,27	9,82	3,27
	46,0	7,54	2,70	7,89	2,70	8,23	2,70	8,39	2,70	8,89	2,70	9,21	2,70
3.5+4.2+4.2	22,0	9,02	2,32	9,42	2,37	9,81	2,42	10,01	2,45	10,61	2,53	11,00	2,58
	25,0	8,78	2,42	9,18	2,47	9,57	2,52	9,77	2,55	10,37	2,62	10,76	2,68
	32,0	8,22	2,66	8,62	2,71	9,01	2,76	9,21	2,79	9,80	2,87	10,20	2,92
	35,0	7,98	2,77	8,38	2,83	8,77	2,88	8,97	2,90	9,56	2,98	9,90	3,03
	40,0	7,58	2,97	7,98	3,03	8,37	3,08	8,57	3,10	9,16	3,18	9,56	3,23
	43,0	7,34	3,10	7,73	3,15	8,13	3,20	8,33	3,23	8,61	3,24	8,69	3,24
	46,0	7,07	2,67	7,41	2,67	7,75	2,67	7,91	2,67	8,40	2,67	8,67	2,67

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104114

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+4.2+5.0	22,0	9,23	2,34	9,64	2,39	10,05	2,44	10,25	2,47	10,86	2,55	11,27	2,60
	25,0	8,99	2,44	9,39	2,49	9,80	2,54	10,00	2,57	10,61	2,65	11,02	2,70
	32,0	8,41	2,69	8,82	2,74	9,22	2,79	9,43	2,82	10,04	2,90	10,45	2,95
	35,0	8,16	2,80	8,57	2,85	8,98	2,91	9,18	2,93	9,79	3,01	10,20	3,07
	40,0	7,75	3,00	8,16	3,06	8,56	3,11	8,77	3,14	9,38	3,22	9,79	3,27
	43,0	7,50	3,13	7,91	3,19	8,32	3,21	8,52	3,21	9,10	3,21	9,49	3,21
	46,0	7,21	2,64	7,56	2,64	7,90	2,64	8,06	2,64	8,56	2,64	8,88	2,64
3.5+4.2+6.0	22,0	9,55	2,40	9,96	2,45	10,37	2,50	10,57	2,53	11,18	2,61	11,59	2,66
	25,0	9,31	2,50	9,71	2,55	10,12	2,60	10,32	2,63	10,93	2,71	11,34	2,76
	32,0	8,73	2,75	9,14	2,80	9,54	2,85	9,75	2,88	10,36	2,96	10,77	3,01
	35,0	8,48	2,86	8,89	2,91	9,30	2,97	9,50	2,99	10,11	3,07	10,52	3,13
	40,0	8,07	3,06	8,48	3,12	8,88	3,17	9,09	3,20	9,70	3,28	10,11	3,33
	43,0	7,82	3,19	8,23	3,25	8,64	3,27	8,84	3,27	9,42	3,27	9,81	3,27
	46,0	7,53	2,70	7,88	2,70	8,22	2,70	8,38	2,70	8,88	2,70	9,20	2,70
3.5+4.2+7.1	22,0	10,06	2,93	10,47	2,98	10,88	3,03	11,08	3,06	11,69	3,14	12,10	3,19
	25,0	9,82	3,03	10,22	3,08	10,63	3,13	10,83	3,16	11,44	3,24	11,85	3,29
	32,0	9,24	3,28	9,65	3,33	10,05	3,38	10,26	3,41	10,87	3,49	11,28	3,54
	35,0	8,99	3,39	9,40	3,44	9,81	3,50	10,01	3,52	10,62	3,60	11,03	3,66
	40,0	8,58	3,59	8,99	3,65	9,39	3,70	9,60	3,73	10,21	3,81	10,62	3,86
	43,0	8,33	3,72	8,74	3,78	9,15	3,80	9,35	3,80	9,93	3,80	10,32	3,80
	46,0	8,04	3,23	8,39	3,23	8,73	3,23	8,89	3,23	9,39	3,23	9,71	3,23
3.5+5.0+5.0	22,0	9,25	2,38	9,67	2,44	10,08	2,49	10,29	2,52	10,92	2,60	11,33	2,65
	25,0	9,00	2,48	9,42	2,54	9,83	2,59	10,04	2,62	10,66	2,70	11,08	2,75
	32,0	8,41	2,73	8,83	2,79	9,24	2,84	9,45	2,87	10,08	2,95	10,49	3,00
	35,0	8,16	2,85	8,58	2,90	8,99	2,96	9,20	2,98	9,82	3,06	10,24	3,12
	40,0	7,74	3,06	8,16	3,11	8,57	3,16	8,78	3,19	9,40	3,27	9,82	3,32
	43,0	7,49	3,19	7,90	3,23	8,32	3,23	8,52	3,23	9,11	3,23	9,50	3,23
	46,0	7,17	2,66	7,53	2,66	7,87	2,66	8,04	2,66	8,54	2,66	8,86	2,66
3.5+5.0+6.0	22,0	9,72	2,42	10,14	2,48	10,55	2,53	10,76	2,56	11,39	2,64	11,80	2,69
	25,0	9,47	2,52	9,89	2,58	10,30	2,63	10,51	2,66	11,13	2,74	11,55	2,79
	32,0	8,88	2,77	9,30	2,83	9,71	2,88	9,92	2,91	10,55	2,99	10,96	3,04
	35,0	8,63	2,89	9,05	2,94	9,46	3,00	9,67	3,02	10,29	3,10	10,71	3,16
	40,0	8,21	3,10	8,63	3,15	9,04	3,20	9,25	3,23	9,87	3,31	10,29	3,36
	43,0	7,96	3,23	8,37	3,27	8,79	3,27	8,99	3,27	9,58	3,27	9,97	3,27
	46,0	7,64	2,70	8,00	2,70	8,34	2,70	8,51	2,70	9,01	2,70	9,33	2,70
3.5+5.0+7.1	22,0	10,19	2,88	10,61	2,94	11,02	2,99	11,23	3,02	11,86	3,10	12,27	3,15
	25,0	9,94	2,98	10,36	3,04	10,77	3,09	10,98	3,12	11,60	3,20	12,02	3,25
	32,0	9,35	3,23	9,77	3,29	10,18	3,34	10,39	3,37	11,02	3,45	11,43	3,50
	35,0	9,10	3,35	9,52	3,40	9,93	3,46	10,14	3,48	10,76	3,56	11,18	3,62
	40,0	8,68	3,56	9,10	3,61	9,51	3,66	9,72	3,69	10,34	3,77	10,76	3,82
	43,0	8,43	3,69	8,84	3,73	9,26	3,73	9,46	3,73	10,05	3,73	10,44	3,73
	46,0	8,11	3,16	8,47	3,16	8,81	3,16	8,98	3,16	9,48	3,16	9,80	3,16

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+6.0+6.0	22,0	10,64	2,96	11,06	3,02	11,47	3,07	11,68	3,10	12,31	3,18	12,72	3,23
	25,0	10,39	3,06	10,81	3,12	11,22	3,17	11,43	3,20	12,05	3,28	12,47	3,33
	32,0	9,80	3,31	10,22	3,37	10,63	3,42	10,84	3,45	11,47	3,53	11,88	3,58
	35,0	9,55	3,43	9,97	3,48	10,38	3,54	10,59	3,56	11,21	3,64	11,63	3,70
	40,0	9,13	3,64	9,55	3,69	9,96	3,74	10,17	3,77	10,79	3,85	11,21	3,90
	43,0	8,88	3,77	9,29	3,81	9,71	3,81	9,91	3,81	10,50	3,81	10,89	3,81
	46,0	8,56	3,24	8,92	3,24	9,26	3,24	9,43	3,24	9,93	3,24	10,25	3,24
4.2+4.2+4.2	22,0	9,23	2,33	9,63	2,38	10,02	2,43	10,22	2,46	10,82	2,54	11,21	2,59
	25,0	8,99	2,43	9,39	2,48	9,78	2,53	9,98	2,56	10,58	2,63	10,97	2,69
	32,0	8,43	2,67	8,83	2,72	9,22	2,77	9,42	2,80	10,01	2,88	10,41	2,93
	35,0	8,19	2,78	8,59	2,84	8,98	2,89	9,18	2,91	9,77	2,99	10,11	3,04
	40,0	7,79	2,98	8,19	3,04	8,58	3,09	8,78	3,11	9,37	3,19	9,77	3,24
	43,0	7,55	3,11	7,94	3,16	8,34	3,21	8,54	3,24	8,82	3,25	8,90	3,25
	46,0	7,28	2,68	7,62	2,68	7,96	2,68	8,12	2,68	8,61	2,68	8,88	2,68
4.2+4.2+5.0	22,0	9,31	2,34	9,72	2,39	10,13	2,44	10,33	2,47	10,94	2,55	11,35	2,60
	25,0	9,07	2,44	9,47	2,49	9,88	2,54	10,08	2,57	10,69	2,65	11,10	2,70
	32,0	8,49	2,69	8,90	2,74	9,30	2,79	9,51	2,82	10,12	2,90	10,53	2,95
	35,0	8,24	2,80	8,65	2,85	9,06	2,91	9,26	2,93	9,87	3,01	10,28	3,07
	40,0	7,83	3,00	8,24	3,06	8,64	3,11	8,85	3,14	9,46	3,22	9,87	3,27
	43,0	7,58	3,13	7,99	3,19	8,40	3,21	8,60	3,21	9,18	3,21	9,57	3,21
	46,0	7,29	2,64	7,64	2,64	7,98	2,64	8,14	2,64	8,64	2,64	8,96	2,64
4.2+4.2+6.0	22,0	9,56	2,40	9,97	2,45	10,38	2,50	10,58	2,53	11,19	2,61	11,60	2,66
	25,0	9,32	2,50	9,72	2,55	10,13	2,60	10,33	2,63	10,94	2,71	11,35	2,76
	32,0	8,74	2,75	9,15	2,80	9,55	2,85	9,76	2,88	10,37	2,96	10,78	3,01
	35,0	8,49	2,86	8,90	2,91	9,31	2,97	9,51	2,99	10,12	3,07	10,53	3,13
	40,0	8,08	3,06	8,49	3,12	8,89	3,17	9,10	3,20	9,71	3,28	10,12	3,33
	43,0	7,83	3,19	8,24	3,25	8,65	3,27	8,85	3,27	9,43	3,27	9,82	3,27
	46,0	7,54	2,70	7,89	2,70	8,23	2,70	8,39	2,70	8,89	2,70	9,21	2,70
4.2+4.2+7.1	22,0	10,07	2,93	10,48	2,98	10,89	3,03	11,09	3,06	11,70	3,14	12,11	3,19
	25,0	9,83	3,03	10,23	3,08	10,64	3,13	10,84	3,16	11,45	3,24	11,86	3,29
	32,0	9,25	3,28	9,66	3,33	10,06	3,38	10,27	3,41	10,88	3,49	11,29	3,54
	35,0	9,00	3,39	9,41	3,44	9,82	3,50	10,02	3,52	10,63	3,60	11,04	3,66
	40,0	8,59	3,59	9,00	3,65	9,40	3,70	9,61	3,73	10,22	3,81	10,63	3,86
	43,0	8,34	3,72	8,75	3,78	9,16	3,80	9,36	3,80	9,94	3,80	10,33	3,80
	46,0	8,05	3,23	8,40	3,23	8,74	3,23	8,90	3,23	9,40	3,23	9,72	3,23
4.2+5.0+5.0	22,0	9,26	2,35	9,68	2,41	10,09	2,46	10,30	2,49	10,93	2,57	11,34	2,62
	25,0	9,01	2,45	9,43	2,51	9,84	2,56	10,05	2,59	10,67	2,67	11,09	2,72
	32,0	8,42	2,70	8,84	2,76	9,25	2,81	9,46	2,84	10,09	2,92	10,50	2,97
	35,0	8,17	2,82	8,59	2,87	9,00	2,93	9,21	2,95	9,83	3,03	10,25	3,09
	40,0	7,75	3,03	8,17	3,08	8,58	3,13	8,79	3,16	9,41	3,24	9,83	3,29
	43,0	7,50	3,16	7,91	3,20	8,33	3,20	8,53	3,20	9,12	3,20	9,51	3,20
	46,0	7,18	2,63	7,54	2,63	7,88	2,63	8,05	2,63	8,55	2,63	8,87	2,63

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104115

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
4.2+5.0+6.0	22,0	10,23	2,94	10,65	3,00	11,06	3,05	11,27	3,08	11,90	3,16	12,31	3,21
	25,0	9,98	3,04	10,40	3,10	10,81	3,15	11,02	3,18	11,64	3,26	12,06	3,31
	32,0	9,39	3,29	9,81	3,35	10,22	3,40	10,43	3,43	11,06	3,51	11,47	3,56
	35,0	9,14	3,41	9,56	3,46	9,97	3,52	10,18	3,54	10,80	3,62	11,22	3,68
	40,0	8,72	3,62	9,14	3,67	9,55	3,72	9,76	3,75	10,38	3,83	10,80	3,88
	43,0	8,47	3,75	8,88	3,79	9,30	3,79	9,50	3,79	10,09	3,79	10,48	3,79
	46,0	8,15	3,22	8,51	3,22	8,85	3,22	9,02	3,22	9,52	3,22	9,84	3,22
5.0+5.0+5.0	22,0	10,04	2,94	10,49	3,01	10,67	3,08	11,16	3,11	11,84	3,21	12,29	3,27
	25,0	9,76	3,06	10,21	3,13	10,67	3,20	10,89	3,23	11,57	3,33	12,02	3,39
	32,0	9,18	3,37	9,58	3,44	10,03	3,50	10,25	3,58	10,93	3,63	11,38	3,70
	35,0	8,85	3,51	9,30	3,58	9,75	3,62	9,98	3,62	10,64	3,62	11,07	3,62
	40,0	8,40	3,35	8,85	3,35	9,30	3,35	9,52	3,35	10,19	3,35	10,59	3,35
	43,0	8,12	3,20	8,58	3,20	9,03	3,20	9,25	3,20	9,93	3,20	10,34	3,20
	46,0	7,85	2,63	8,30	2,63	8,69	2,63	8,86	2,63	9,35	2,63	9,67	2,63
1.5+1.5+1.5+1.5	22,0	6,78	1,03	7,14	1,06	7,51	1,10	7,69	1,12	8,24	1,18	8,61	1,21
	25,0	6,55	1,10	6,92	1,13	7,29	1,17	7,47	1,19	8,02	1,24	8,39	1,28
	32,0	6,04	1,27	6,40	1,31	6,77	1,34	6,95	1,36	7,50	1,42	7,87	1,45
	35,0	5,81	1,35	6,18	1,39	6,55	1,42	6,73	1,44	7,28	1,50	7,65	1,54
	40,0	5,44	1,49	5,81	1,53	6,18	1,57	6,36	1,58	6,91	1,64	7,28	1,68
	43,0	5,22	1,58	5,59	1,62	5,95	1,66	6,14	1,68	6,69	1,73	7,05	1,77
	46,0	5,00	1,68	5,36	1,71	5,73	1,75	5,91	1,77	6,46	1,82	6,83	1,86
1.5+1.5+1.5+2.0	22,0	7,16	1,21	7,52	1,24	7,89	1,28	8,07	1,30	8,62	1,36	8,99	1,39
	25,0	6,93	1,28	7,30	1,31	7,67	1,35	7,85	1,37	8,40	1,42	8,77	1,46
	32,0	6,42	1,45	6,78	1,49	7,15	1,52	7,33	1,54	7,88	1,60	8,25	1,63
	35,0	6,19	1,53	6,56	1,57	6,93	1,60	7,11	1,62	7,66	1,68	8,03	1,72
	40,0	5,82	1,67	6,19	1,71	6,56	1,75	6,74	1,76	7,29	1,82	7,66	1,86
	43,0	5,60	1,76	5,97	1,80	6,33	1,84	6,52	1,86	7,07	1,91	7,43	1,95
	46,0	5,38	1,86	5,74	1,89	6,11	1,93	6,29	1,95	6,84	2,00	7,21	2,04
1.5+1.5+1.5+2.5	22,0	7,51	1,35	7,87	1,38	8,24	1,42	8,42	1,44	8,97	1,50	9,34	1,53
	25,0	7,28	1,42	7,65	1,45	8,02	1,49	8,20	1,51	8,75	1,56	9,12	1,60
	32,0	6,77	1,59	7,13	1,63	7,50	1,66	7,68	1,68	8,23	1,74	8,60	1,77
	35,0	6,54	1,67	6,91	1,71	7,28	1,74	7,46	1,76	8,01	1,82	8,38	1,86
	40,0	6,17	1,81	6,54	1,85	6,91	1,89	7,09	1,90	7,64	1,96	8,01	2,00
	43,0	5,95	1,90	6,32	1,94	6,68	1,98	6,87	2,00	7,42	2,05	7,78	2,09
	46,0	5,73	2,00	6,09	2,03	6,46	2,07	6,64	2,09	7,19	2,14	7,56	2,18
1.5+1.5+1.5+3.5	22,0	8,17	1,56	8,58	1,60	8,98	1,65	9,18	1,67	9,79	1,74	10,19	1,78
	25,0	7,93	1,64	8,33	1,69	8,74	1,73	8,94	1,75	9,54	1,82	9,95	1,87
	32,0	7,35	1,85	7,76	1,90	8,16	1,94	8,37	1,96	8,97	2,03	9,38	2,08
	35,0	7,11	1,95	7,51	2,00	7,92	2,04	8,12	2,06	8,73	2,13	9,13	2,18
	40,0	6,70	2,12	7,10	2,17	7,51	2,21	7,71	2,24	8,32	2,30	8,72	2,35
	43,0	6,45	2,23	6,86	2,28	7,26	2,32	7,47	2,35	8,07	2,41	8,48	2,46
	46,0	6,18	2,27	6,55	2,27	6,92	2,27	7,10	2,27	7,63	2,27	7,98	2,27

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+4.2	22,0	8,58	1,89	8,99	1,93	9,39	1,98	9,59	2,00	10,20	2,07	10,60	2,11
	25,0	8,34	1,97	8,74	2,02	9,15	2,06	9,35	2,08	9,95	2,15	10,36	2,20
	32,0	7,76	2,18	8,17	2,23	8,57	2,27	8,78	2,29	9,38	2,36	9,79	2,41
	35,0	7,52	2,28	7,92	2,33	8,33	2,37	8,53	2,39	9,14	2,46	9,54	2,51
	40,0	7,11	2,45	7,51	2,50	7,92	2,54	8,12	2,57	8,73	2,63	9,13	2,68
	43,0	6,86	2,56	7,27	2,61	7,67	2,65	7,88	2,68	8,48	2,74	8,89	2,79
	46,0	6,59	2,60	6,96	2,60	7,33	2,60	7,51	2,60	8,04	2,60	8,39	2,60
1.5+1.5+1.5+5.0	22,0	9,01	2,00	9,44	2,05	9,87	2,10	10,09	2,13	10,73	2,21	11,16	2,26
	25,0	8,75	2,10	9,18	2,15	9,61	2,20	9,83	2,23	10,47	2,30	10,90	2,36
	32,0	8,15	2,34	8,58	2,39	9,01	2,44	9,22	2,47	9,86	2,55	10,29	2,60
	35,0	7,89	2,45	8,32	2,51	8,75	2,56	8,96	2,58	9,60	2,66	10,03	2,71
	40,0	7,46	2,65	7,88	2,71	8,31	2,76	8,53	2,78	9,17	2,86	9,60	2,91
	43,0	7,20	2,78	7,62	2,83	8,05	2,88	8,27	2,91	8,89	2,93	9,29	2,93
	46,0	6,82	2,36	7,18	2,36	7,54	2,36	7,71	2,36	8,23	2,36	8,56	2,36
1.5+1.5+1.5+6.0	22,0	9,49	2,05	9,92	2,10	10,35	2,15	10,57	2,18	11,21	2,26	11,64	2,31
	25,0	9,23	2,15	9,66	2,20	10,09	2,25	10,31	2,28	10,95	2,35	11,38	2,41
	32,0	8,63	2,39	9,06	2,44	9,49	2,49	9,70	2,52	10,34	2,60	10,77	2,65
	35,0	8,37	2,50	8,80	2,56	9,23	2,61	9,44	2,63	10,08	2,71	10,51	2,76
	40,0	7,94	2,70	8,36	2,76	8,79	2,81	9,01	2,83	9,65	2,91	10,08	2,96
	43,0	7,68	2,83	8,10	2,88	8,53	2,93	8,75	2,96	9,37	2,98	9,77	2,98
	46,0	7,30	2,41	7,66	2,41	8,02	2,41	8,19	2,41	8,71	2,41	9,04	2,41
1.5+1.5+1.5+7.1	22,0	9,91	2,30	10,34	2,35	10,77	2,40	10,99	2,43	11,63	2,51	12,06	2,56
	25,0	9,65	2,40	10,08	2,45	10,51	2,50	10,73	2,53	11,37	2,60	11,80	2,66
	32,0	9,05	2,64	9,48	2,69	9,91	2,74	10,12	2,77	10,76	2,85	11,19	2,90
	35,0	8,79	2,75	9,22	2,81	9,65	2,86	9,86	2,88	10,50	2,96	10,93	3,01
	40,0	8,36	2,95	8,78	3,01	9,21	3,06	9,43	3,08	10,07	3,16	10,50	3,21
	43,0	8,10	3,08	8,52	3,13	8,95	3,18	9,17	3,21	9,79	3,23	10,19	3,23
	46,0	7,72	2,66	8,08	2,66	8,44	2,66	8,61	2,66	9,13	2,66	9,46	2,66
1.5+1.5+2.0+2.0	22,0	7,51	1,35	7,87	1,38	8,24	1,42	8,42	1,44	8,97	1,50	9,34	1,53
	25,0	7,28	1,42	7,65	1,45	8,02	1,49	8,20	1,51	8,75	1,56	9,12	1,60
	32,0	6,77	1,59	7,13	1,63	7,50	1,66	7,68	1,68	8,23	1,74	8,60	1,77
	35,0	6,54	1,67	6,91	1,71	7,28	1,74	7,46	1,76	8,01	1,82	8,38	1,86
	40,0	6,17	1,81	6,54	1,85	6,91	1,89	7,09	1,90	7,64	1,96	8,01	2,00
	43,0	5,95	1,90	6,32	1,94	6,68	1,98	6,87	2,00	7,42	2,05	7,78	2,09
	46,0	5,73	2,00	6,09	2,03	6,46	2,07	6,64	2,09	7,19	2,14	7,56	2,18
1.5+1.5+2.0+2.5	22,0	7,84	1,50	8,20	1,53	8,57	1,57	8,75	1,59	9,30	1,65	9,67	1,68
	25,0	7,61	1,57	7,98	1,60	8,35	1,64	8,53	1,66	9,08	1,71	9,45	1,75
	32,0	7,10	1,74	7,46	1,78	7,83	1,81	8,01	1,83	8,56	1,89	8,93	1,92
	35,0	6,87	1,82	7,24	1,86	7,61	1,89	7,79	1,91	8,34	1,97	8,71	2,01
	40,0	6,50	1,96	6,87	2,00	7,24	2,04	7,42	2,05	7,97	2,11	8,34	2,15
	43,0	6,28	2,05	6,65	2,09	7,01	2,13	7,20	2,15	7,75	2,20	8,11	2,24
	46,0	6,06	2,15	6,42	2,18	6,79	2,22	6,97	2,24	7,52	2,29	7,89	2,33

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104116

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.0+3.5	22,0	8,47	1,73	8,88	1,77	9,28	1,82	9,48	1,84	10,09	1,91	10,49	1,95
	25,0	8,23	1,81	8,63	1,86	9,04	1,90	9,24	1,92	9,84	1,99	10,25	2,04
	32,0	7,65	2,02	8,06	2,07	8,46	2,11	8,67	2,13	9,27	2,20	9,68	2,25
	35,0	7,41	2,12	7,81	2,17	8,22	2,21	8,42	2,23	9,03	2,30	9,43	2,35
	40,0	7,00	2,29	7,40	2,34	7,81	2,38	8,01	2,41	8,62	2,47	9,02	2,52
	43,0	6,75	2,40	7,16	2,45	7,56	2,49	7,77	2,52	8,37	2,58	8,78	2,63
	46,0	6,48	2,44	6,85	2,44	7,22	2,44	7,40	2,44	7,93	2,44	8,28	2,44
1.5+1.5+2.0+4.2	22,0	8,85	2,06	9,26	2,10	9,66	2,15	9,86	2,17	10,47	2,24	10,87	2,28
	25,0	8,61	2,14	9,01	2,19	9,42	2,23	9,62	2,25	10,22	2,32	10,63	2,37
	32,0	8,03	2,35	8,44	2,40	8,84	2,44	9,05	2,46	9,65	2,53	10,06	2,58
	35,0	7,79	2,45	8,19	2,50	8,60	2,54	8,80	2,56	9,41	2,63	9,81	2,68
	40,0	7,38	2,62	7,78	2,67	8,19	2,71	8,39	2,74	9,00	2,80	9,40	2,85
	43,0	7,13	2,73	7,54	2,78	7,94	2,82	8,15	2,85	8,75	2,91	9,16	2,96
	46,0	6,86	2,77	7,23	2,77	7,60	2,77	7,78	2,77	8,31	2,77	8,66	2,77
1.5+1.5+2.0+5.0	22,0	9,26	2,19	9,69	2,24	10,12	2,29	10,34	2,32	10,98	2,40	11,41	2,45
	25,0	9,00	2,29	9,43	2,34	9,86	2,39	10,08	2,42	10,72	2,49	11,15	2,55
	32,0	8,40	2,53	8,83	2,58	9,26	2,63	9,47	2,66	10,11	2,74	10,54	2,79
	35,0	8,14	2,64	8,57	2,70	9,00	2,75	9,21	2,77	9,85	2,85	10,28	2,90
	40,0	7,71	2,84	8,13	2,90	8,56	2,95	8,78	2,97	9,42	3,05	9,85	3,10
	43,0	7,45	2,97	7,87	3,02	8,30	3,07	8,52	3,10	9,14	3,12	9,54	3,12
	46,0	7,07	2,55	7,43	2,55	7,79	2,55	7,96	2,55	8,48	2,55	8,81	2,55
1.5+1.5+2.0+6.0	22,0	9,69	2,17	10,12	2,22	10,55	2,27	10,77	2,30	11,41	2,38	11,84	2,43
	25,0	9,43	2,27	9,86	2,32	10,29	2,37	10,51	2,40	11,15	2,47	11,58	2,53
	32,0	8,83	2,51	9,26	2,56	9,69	2,61	9,90	2,64	10,54	2,72	10,97	2,77
	35,0	8,57	2,62	9,00	2,68	9,43	2,73	9,64	2,75	10,28	2,83	10,71	2,88
	40,0	8,14	2,82	8,56	2,88	8,99	2,93	9,21	2,95	9,85	3,03	10,28	3,08
	43,0	7,88	2,95	8,30	3,00	8,73	3,05	8,95	3,08	9,57	3,10	9,97	3,10
	46,0	7,50	2,53	7,86	2,53	8,22	2,53	8,39	2,53	8,91	2,53	9,24	2,53
1.5+1.5+2.0+7.1	22,0	10,09	2,44	10,52	2,49	10,95	2,54	11,17	2,57	11,81	2,65	12,24	2,70
	25,0	9,83	2,54	10,26	2,59	10,69	2,64	10,91	2,67	11,55	2,74	11,98	2,80
	32,0	9,23	2,78	9,66	2,83	10,09	2,88	10,30	2,91	10,94	2,99	11,37	3,04
	35,0	8,97	2,89	9,40	2,95	9,83	3,00	10,04	3,02	10,68	3,10	11,11	3,15
	40,0	8,54	3,09	8,96	3,15	9,39	3,20	9,61	3,22	10,25	3,30	10,68	3,35
	43,0	8,28	3,22	8,70	3,27	9,13	3,32	9,35	3,35	9,97	3,37	10,37	3,37
	46,0	7,90	2,80	8,26	2,80	8,62	2,80	8,79	2,80	9,31	2,80	9,64	2,80
1.5+1.5+2.5+2.5	22,0	8,17	1,65	8,53	1,68	8,90	1,72	9,08	1,74	9,63	1,80	10,00	1,83
	25,0	7,94	1,72	8,31	1,75	8,68	1,79	8,86	1,81	9,41	1,86	9,78	1,90
	32,0	7,43	1,89	7,79	1,93	8,16	1,96	8,34	1,98	8,89	2,04	9,26	2,07
	35,0	7,20	1,97	7,57	2,01	7,94	2,04	8,12	2,06	8,67	2,12	9,04	2,16
	40,0	6,83	2,11	7,20	2,15	7,57	2,19	7,75	2,20	8,30	2,26	8,67	2,30
	43,0	6,61	2,20	6,98	2,24	7,34	2,28	7,53	2,30	8,08	2,35	8,44	2,39
	46,0	6,39	2,30	6,75	2,33	7,12	2,37	7,30	2,39	7,85	2,44	8,22	2,48

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.5+3.5	22,0	8,75	2,01	9,16	2,05	9,56	2,10	9,76	2,12	10,37	2,19	10,77	2,23
	25,0	8,51	2,09	8,91	2,14	9,32	2,18	9,52	2,20	10,12	2,27	10,53	2,32
	32,0	7,93	2,30	8,34	2,35	8,74	2,39	8,95	2,41	9,55	2,48	9,96	2,53
	35,0	7,69	2,40	8,09	2,45	8,50	2,49	8,70	2,51	9,31	2,58	9,71	2,63
	40,0	7,28	2,57	7,68	2,62	8,09	2,66	8,29	2,69	8,90	2,75	9,30	2,80
	43,0	7,03	2,68	7,44	2,73	7,84	2,77	8,05	2,80	8,65	2,86	9,06	2,91
	46,0	6,76	2,72	7,13	2,72	7,50	2,72	7,68	2,72	8,21	2,72	8,56	2,72
1.5+1.5+2.5+4.2	22,0	9,11	2,24	9,52	2,28	9,92	2,33	10,12	2,35	10,73	2,42	11,13	2,46
	25,0	8,87	2,32	9,27	2,37	9,68	2,41	9,88	2,43	10,48	2,50	10,89	2,55
	32,0	8,29	2,53	8,70	2,58	9,10	2,62	9,31	2,64	9,91	2,71	10,32	2,76
	35,0	8,05	2,63	8,45	2,68	8,86	2,72	9,06	2,74	9,67	2,81	10,07	2,86
	40,0	7,64	2,80	8,04	2,85	8,45	2,89	8,65	2,92	9,26	2,98	9,66	3,03
	43,0	7,39	2,91	7,80	2,96	8,20	3,00	8,41	3,03	9,01	3,09	9,42	3,14
	46,0	7,12	2,95	7,49	2,95	7,86	2,95	8,04	2,95	8,57	2,95	8,92	2,95
1.5+1.5+2.5+5.0	22,0	9,49	2,31	9,92	2,36	10,35	2,41	10,57	2,44	11,21	2,52	11,64	2,57
	25,0	9,23	2,41	9,66	2,46	10,09	2,51	10,31	2,54	10,95	2,61	11,38	2,67
	32,0	8,63	2,65	9,06	2,70	9,49	2,75	9,70	2,78	10,34	2,86	10,77	2,91
	35,0	8,37	2,76	8,80	2,82	9,23	2,87	9,44	2,89	10,08	2,97	10,51	3,02
	40,0	7,94	2,96	8,36	3,02	8,79	3,07	9,01	3,09	9,65	3,17	10,08	3,22
	43,0	7,68	3,09	8,10	3,14	8,53	3,19	8,75	3,22	9,37	3,24	9,77	3,24
	46,0	7,30	2,67	7,66	2,67	8,02	2,67	8,19	2,67	8,71	2,67	9,04	2,67
1.5+1.5+2.5+6.0	22,0	9,88	2,30	10,31	2,35	10,74	2,40	10,96	2,43	11,60	2,51	12,03	2,56
	25,0	9,62	2,40	10,05	2,45	10,48	2,50	10,70	2,53	11,34	2,60	11,77	2,66
	32,0	9,02	2,64	9,45	2,69	9,88	2,74	10,09	2,77	10,73	2,85	11,16	2,90
	35,0	8,76	2,75	9,19	2,81	9,62	2,86	9,83	2,88	10,47	2,96	10,90	3,01
	40,0	8,33	2,95	8,75	3,01	9,18	3,06	9,40	3,08	10,04	3,16	10,47	3,21
	43,0	8,07	3,08	8,49	3,13	8,92	3,18	9,14	3,21	9,76	3,23	10,16	3,23
	46,0	7,69	2,66	8,05	2,66	8,41	2,66	8,58	2,66	9,10	2,66	9,43	2,66
1.5+1.5+2.5+7.1	22,0	10,21	2,50	10,64	2,55	11,07	2,60	11,29	2,63	11,93	2,71	12,36	2,76
	25,0	9,95	2,60	10,38	2,65	10,81	2,70	11,03	2,73	11,67	2,80	12,10	2,86
	32,0	9,35	2,84	9,78	2,89	10,21	2,94	10,42	2,97	11,06	3,05	11,49	3,10
	35,0	9,09	2,95	9,52	3,01	9,95	3,06	10,16	3,08	10,80	3,16	11,23	3,21
	40,0	8,66	3,15	9,08	3,21	9,51	3,26	9,73	3,28	10,37	3,36	10,80	3,41
	43,0	8,40	3,28	8,82	3,33	9,25	3,38	9,47	3,41	10,09	3,43	10,49	3,43
	46,0	8,02	2,86	8,38	2,86	8,74	2,86	8,91	2,86	9,43	2,86	9,76	2,86
1.5+1.5+3.5+3.5	22,0	9,26	2,23	9,68	2,28	10,10	2,33	10,32	2,36	10,95	2,43	11,37	2,48
	25,0	9,01	2,32	9,43	2,37	9,85	2,42	10,06	2,45	10,69	2,53	11,11	2,58
	32,0	8,41	2,56	8,83	2,61	9,25	2,67	9,47	2,69	10,10	2,77	10,52	2,82
	35,0	8,16	2,67	8,58	2,73	9,00	2,78	9,21	2,80	9,84	2,88	10,26	2,93
	40,0	7,73	2,87	8,15	2,92	8,57	2,98	8,78	3,00	9,42	3,08	9,84	3,13
	43,0	7,48	3,00	7,90	3,05	8,32	3,10	8,53	3,13	9,15	3,18	9,55	3,18
	46,0	7,12	2,61	7,48	2,61	7,84	2,61	8,01	2,61	8,52	2,61	8,85	2,61

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104117

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+3.5+4.2	22,0	9,37	2,30	9,79	2,35	10,21	2,40	10,43	2,43	11,06	2,50	11,48	2,55
	25,0	9,12	2,39	9,54	2,44	9,96	2,49	10,17	2,52	10,80	2,60	11,22	2,65
	32,0	8,52	2,63	8,94	2,68	9,36	2,74	9,58	2,76	10,21	2,84	10,63	2,89
	35,0	8,27	2,74	8,69	2,80	9,11	2,85	9,32	2,87	9,95	2,95	10,37	3,00
	40,0	7,84	2,94	8,26	2,99	8,68	3,05	8,89	3,07	9,53	3,15	9,95	3,20
	43,0	7,59	3,07	8,01	3,12	8,43	3,17	8,64	3,20	9,26	3,25	9,66	3,25
	46,0	7,23	2,68	7,59	2,68	7,95	2,68	8,12	2,68	8,63	2,68	8,96	2,68
1.5+1.5+3.5+5.0	22,0	9,74	2,42	10,17	2,47	10,61	2,52	10,83	2,55	11,48	2,63	11,92	2,69
	25,0	9,47	2,52	9,91	2,57	10,35	2,62	10,56	2,65	11,22	2,73	11,66	2,79
	32,0	8,85	2,77	9,29	2,82	9,73	2,88	9,95	2,91	10,60	2,99	11,04	3,04
	35,0	8,59	2,89	9,02	2,94	9,46	3,00	9,68	3,02	10,34	3,10	10,77	3,16
	40,0	8,15	3,10	8,58	3,15	9,02	3,20	9,24	3,23	9,89	3,31	10,33	3,37
	43,0	7,88	3,23	8,31	3,23	8,74	3,23	8,95	3,23	9,56	3,23	9,96	3,23
	46,0	7,49	2,66	7,86	2,66	8,21	2,66	8,39	2,66	8,90	2,66	9,23	2,66
1.5+1.5+3.5+6.0	22,0	10,21	2,48	10,64	2,53	11,08	2,58	11,30	2,61	11,95	2,69	12,39	2,75
	25,0	9,94	2,58	10,38	2,63	10,82	2,68	11,03	2,71	11,69	2,79	12,13	2,85
	32,0	9,32	2,83	9,76	2,88	10,20	2,94	10,42	2,97	11,07	3,05	11,51	3,10
	35,0	9,06	2,95	9,49	3,00	9,93	3,06	10,15	3,08	10,81	3,16	11,24	3,22
	40,0	8,62	3,16	9,05	3,21	9,49	3,26	9,71	3,29	10,36	3,37	10,80	3,43
	43,0	8,35	3,29	8,78	3,29	9,21	3,29	9,42	3,29	10,03	3,29	10,43	3,29
	46,0	7,96	2,72	8,33	2,72	8,68	2,72	8,86	2,72	9,37	2,72	9,70	2,72
1.5+1.5+3.5+7.1	22,0	10,23	2,48	10,66	2,53	11,10	2,58	11,32	2,61	11,97	2,69	12,41	2,75
	25,0	9,96	2,58	10,40	2,63	10,84	2,68	11,05	2,71	11,71	2,79	12,15	2,85
	32,0	9,34	2,83	9,78	2,88	10,22	2,94	10,44	2,97	11,09	3,05	11,53	3,10
	35,0	9,08	2,95	9,51	3,00	9,95	3,06	10,17	3,08	10,83	3,16	11,26	3,22
	40,0	8,64	3,16	9,07	3,21	9,51	3,26	9,73	3,29	10,38	3,37	10,82	3,43
	43,0	8,37	3,29	8,80	3,29	9,23	3,29	9,44	3,29	10,05	3,29	10,45	3,29
	46,0	7,98	2,72	8,35	2,72	8,70	2,72	8,88	2,72	9,39	2,72	9,72	2,72
1.5+1.5+4.2+4.2	22,0	9,57	2,42	9,99	2,47	10,41	2,52	10,63	2,55	11,26	2,62	11,68	2,67
	25,0	9,32	2,51	9,74	2,56	10,16	2,61	10,37	2,64	11,00	2,72	11,42	2,77
	32,0	8,72	2,75	9,14	2,80	9,56	2,86	9,78	2,88	10,41	2,96	10,83	3,01
	35,0	8,47	2,86	8,89	2,92	9,31	2,97	9,52	2,99	10,15	3,07	10,57	3,12
	40,0	8,04	3,06	8,46	3,11	8,88	3,17	9,09	3,19	9,73	3,27	10,15	3,32
	43,0	7,79	3,19	8,21	3,24	8,63	3,29	8,84	3,32	9,46	3,37	9,86	3,37
	46,0	7,43	2,80	7,79	2,80	8,15	2,80	8,32	2,80	8,83	2,80	9,16	2,80
1.5+1.5+4.2+5.0	22,0	9,75	2,42	10,18	2,47	10,62	2,52	10,84	2,55	11,49	2,63	11,93	2,69
	25,0	9,48	2,52	9,92	2,57	10,36	2,62	10,57	2,65	11,23	2,73	11,67	2,79
	32,0	8,86	2,77	9,30	2,82	9,74	2,88	9,96	2,91	10,61	2,99	11,05	3,04
	35,0	8,60	2,89	9,03	2,94	9,47	3,00	9,69	3,02	10,35	3,10	10,78	3,16
	40,0	8,16	3,10	8,59	3,15	9,03	3,20	9,25	3,23	9,90	3,31	10,34	3,37
	43,0	7,89	3,23	8,32	3,23	8,75	3,23	8,96	3,23	9,57	3,23	9,97	3,23
	46,0	7,50	2,66	7,87	2,66	8,22	2,66	8,40	2,66	8,91	2,66	9,24	2,66

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+4.2+6.0	22,0	10,22	2,48	10,65	2,53	11,09	2,58	11,31	2,61	11,96	2,69	12,40	2,75
	25,0	9,95	2,58	10,39	2,63	10,83	2,68	11,04	2,71	11,70	2,79	12,14	2,85
	32,0	9,33	2,83	9,77	2,88	10,21	2,94	10,43	2,97	11,08	3,05	11,52	3,10
	35,0	9,07	2,95	9,50	3,00	9,94	3,06	10,16	3,08	10,82	3,16	11,25	3,22
	40,0	8,63	3,16	9,06	3,21	9,50	3,26	9,72	3,29	10,37	3,37	10,81	3,43
	43,0	8,36	3,29	8,79	3,29	9,22	3,29	9,43	3,29	10,04	3,29	10,44	3,29
	46,0	7,97	2,72	8,34	2,72	8,69	2,72	8,87	2,72	9,38	2,72	9,71	2,72
1.5+1.5+4.2+7.1	22,0	10,24	2,48	10,67	2,53	11,11	2,58	11,33	2,61	11,98	2,69	12,42	2,75
	25,0	9,97	2,58	10,41	2,63	10,85	2,68	11,06	2,71	11,72	2,79	12,16	2,85
	32,0	9,35	2,83	9,79	2,88	10,23	2,94	10,45	2,97	11,10	3,05	11,54	3,10
	35,0	9,09	2,95	9,52	3,00	9,96	3,06	10,18	3,08	10,84	3,16	11,27	3,22
	40,0	8,65	3,16	9,08	3,21	9,52	3,26	9,74	3,29	10,39	3,37	10,83	3,43
	43,0	8,38	3,29	8,81	3,29	9,24	3,29	9,45	3,29	10,06	3,29	10,46	3,29
	46,0	7,99	2,72	8,36	2,72	8,71	2,72	8,89	2,72	9,40	2,72	9,73	2,72
1.5+1.5+5.0+5.0	22,0	9,93	2,43	10,37	2,49	10,82	2,54	11,04	2,57	11,71	2,65	12,16	2,70
	25,0	9,66	2,53	10,10	2,59	10,55	2,64	10,77	2,67	11,44	2,75	11,89	2,81
	32,0	9,03	2,79	9,47	2,84	9,92	2,90	10,14	2,92	10,81	3,01	11,26	3,06
	35,0	8,76	2,91	9,20	2,96	9,65	3,02	9,87	3,04	10,54	3,13	10,98	3,18
	40,0	8,30	3,12	8,75	3,17	9,20	3,23	9,42	3,25	10,09	3,34	10,53	3,37
	43,0	8,03	3,22	8,47	3,22	8,90	3,22	9,01	3,22	9,73	3,22	10,13	3,22
	46,0	7,62	2,65	7,99	2,65	8,35	2,65	8,52	2,65	9,04	2,65	9,38	2,65
1.5+1.5+5.0+6.0	22,0	10,40	2,50	10,84	2,56	11,29	2,61	11,51	2,64	12,18	2,72	12,63	2,77
	25,0	10,13	2,60	10,57	2,66	11,02	2,71	11,24	2,74	11,91	2,82	12,36	2,88
	32,0	9,50	2,86	9,94	2,91	10,39	2,97	10,61	2,99	11,28	3,08	11,73	3,13
	35,0	9,23	2,98	9,67	3,03	10,12	3,09	10,34	3,11	11,01	3,20	11,45	3,25
	40,0	8,77	3,19	9,22	3,24	9,67	3,30	9,89	3,32	10,56	3,41	11,00	3,44
	43,0	8,50	3,29	8,94	3,29	9,37	3,29	9,48	3,29	10,20	3,29	10,60	3,29
	46,0	8,09	2,72	8,46	2,72	8,82	2,72	8,99	2,72	9,51	2,72	9,85	2,72
1.5+1.5+5.0+7.1	22,0	10,73	2,84	11,17	2,90	11,62	2,95	11,84	2,98	12,51	3,06	12,96	3,11
	25,0	10,46	2,94	10,90	3,00	11,35	3,05	11,57	3,08	12,24	3,16	12,69	3,22
	32,0	9,83	3,20	10,27	3,25	10,72	3,31	10,94	3,33	11,61	3,42	12,06	3,47
	35,0	9,56	3,32	10,00	3,37	10,45	3,43	10,67	3,45	11,34	3,54	11,78	3,59
	40,0	9,10	3,53	9,55	3,58	10,00	3,64	10,22	3,66	10,89	3,75	11,33	3,78
	43,0	8,83	3,63	9,27	3,63	9,70	3,63	9,81	3,63	10,53	3,63	10,93	3,63
	46,0	8,42	3,06	8,79	3,06	9,15	3,06	9,32	3,06	9,84	3,06	10,18	3,06
1.5+1.5+6.0+6.0	22,0	10,72	2,49	11,16	2,55	11,61	2,60	11,83	2,63	12,50	2,71	12,95	2,76
	25,0	10,45	2,59	10,89	2,65	11,34	2,70	11,56	2,73	12,23	2,81	12,68	2,87
	32,0	9,82	2,85	10,26	2,90	10,71	2,96	10,93	2,98	11,60	3,07	12,05	3,12
	35,0	9,55	2,97	9,99	3,02	10,44	3,08	10,66	3,10	11,33	3,19	11,77	3,24
	40,0	9,09	3,18	9,54	3,23	9,99	3,29	10,21	3,31	10,88	3,40	11,32	3,43
	43,0	8,82	3,28	9,26	3,28	9,69	3,28	9,80	3,28	10,52	3,28	10,92	3,28
	46,0	8,41	2,71	8,78	2,71	9,14	2,71	9,31	2,71	9,83	2,71	10,17	2,71

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104118

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.0+2.0	22,0	7,84	1,50	8,20	1,53	8,57	1,57	8,75	1,59	9,30	1,65	9,67	1,68
	25,0	7,61	1,57	7,98	1,60	8,35	1,64	8,53	1,66	9,08	1,71	9,45	1,75
	32,0	7,10	1,74	7,46	1,78	7,83	1,81	8,01	1,83	8,56	1,89	8,93	1,92
	35,0	6,87	1,82	7,24	1,86	7,61	1,89	7,79	1,91	8,34	1,97	8,71	2,01
	40,0	6,50	1,96	6,87	2,00	7,24	2,04	7,42	2,05	7,97	2,11	8,34	2,15
	43,0	6,28	2,05	6,65	2,09	7,01	2,13	7,20	2,15	7,75	2,20	8,11	2,24
	46,0	6,06	2,15	6,42	2,18	6,79	2,22	6,97	2,24	7,52	2,29	7,89	2,33
1.5+2.0+2.0+2.5	22,0	8,17	1,65	8,53	1,68	8,90	1,72	9,08	1,74	9,63	1,80	10,00	1,83
	25,0	7,94	1,72	8,31	1,75	8,68	1,79	8,86	1,81	9,41	1,86	9,78	1,90
	32,0	7,43	1,89	7,79	1,93	8,16	1,96	8,34	1,98	8,89	2,04	9,26	2,07
	35,0	7,20	1,97	7,57	2,01	7,94	2,04	8,12	2,06	8,67	2,12	9,04	2,16
	40,0	6,83	2,11	7,20	2,15	7,57	2,19	7,75	2,20	8,30	2,26	8,67	2,30
	43,0	6,61	2,20	6,98	2,24	7,34	2,28	7,53	2,30	8,08	2,35	8,44	2,39
	46,0	6,39	2,30	6,75	2,33	7,12	2,37	7,30	2,39	7,85	2,44	8,22	2,48
1.5+2.0+2.0+3.5	22,0	8,75	1,84	9,16	1,88	9,56	1,93	9,76	1,95	10,37	2,02	10,77	2,06
	25,0	8,51	1,92	8,91	1,97	9,32	2,01	9,52	2,03	10,12	2,10	10,53	2,15
	32,0	7,93	2,13	8,34	2,18	8,74	2,22	8,95	2,24	9,55	2,31	9,96	2,36
	35,0	7,69	2,23	8,09	2,28	8,50	2,32	8,70	2,34	9,31	2,41	9,71	2,46
	40,0	7,28	2,40	7,68	2,45	8,09	2,49	8,29	2,52	8,90	2,58	9,30	2,63
	43,0	7,03	2,51	7,44	2,56	7,84	2,60	8,05	2,63	8,65	2,69	9,06	2,74
	46,0	6,76	2,55	7,13	2,55	7,50	2,55	7,68	2,55	8,21	2,55	8,56	2,55
1.5+2.0+2.0+4.2	22,0	9,11	2,24	9,52	2,28	9,92	2,33	10,12	2,35	10,73	2,42	11,13	2,46
	25,0	8,87	2,32	9,27	2,37	9,68	2,41	9,88	2,43	10,48	2,50	10,89	2,55
	32,0	8,29	2,53	8,70	2,58	9,10	2,62	9,31	2,64	9,91	2,71	10,32	2,76
	35,0	8,05	2,63	8,45	2,68	8,86	2,72	9,06	2,74	9,67	2,81	10,07	2,86
	40,0	7,64	2,80	8,04	2,85	8,45	2,89	8,65	2,92	9,26	2,98	9,66	3,03
	43,0	7,39	2,91	7,80	2,96	8,20	3,00	8,41	3,03	9,01	3,09	9,42	3,14
	46,0	7,12	2,95	7,49	2,95	7,86	2,95	8,04	2,95	8,57	2,95	8,92	2,95
1.5+2.0+2.0+5.0	22,0	9,49	2,31	9,92	2,36	10,35	2,41	10,57	2,44	11,21	2,52	11,64	2,57
	25,0	9,23	2,41	9,66	2,46	10,09	2,51	10,31	2,54	10,95	2,61	11,38	2,67
	32,0	8,63	2,65	9,06	2,70	9,49	2,75	9,70	2,78	10,34	2,86	10,77	2,91
	35,0	8,37	2,76	8,80	2,82	9,23	2,87	9,44	2,89	10,08	2,97	10,51	3,02
	40,0	7,94	2,96	8,36	3,02	8,79	3,07	9,01	3,09	9,65	3,17	10,08	3,22
	43,0	7,68	3,09	8,10	3,14	8,53	3,19	8,75	3,22	9,37	3,24	9,77	3,24
	46,0	7,30	2,67	7,66	2,67	8,02	2,67	8,19	2,67	8,71	2,67	9,04	2,67
1.5+2.0+2.0+6.0	22,0	9,88	2,30	10,31	2,35	10,74	2,40	10,96	2,43	11,60	2,51	12,03	2,56
	25,0	9,62	2,40	10,05	2,45	10,48	2,50	10,70	2,53	11,34	2,60	11,77	2,66
	32,0	9,02	2,64	9,45	2,69	9,88	2,74	10,09	2,77	10,73	2,85	11,16	2,90
	35,0	8,76	2,75	9,19	2,81	9,62	2,86	9,83	2,88	10,47	2,96	10,90	3,01
	40,0	8,33	2,95	8,75	3,01	9,18	3,06	9,40	3,08	10,04	3,16	10,47	3,21
	43,0	8,07	3,08	8,49	3,13	8,92	3,18	9,14	3,21	9,76	3,23	10,16	3,23
	46,0	7,69	2,66	8,05	2,66	8,41	2,66	8,58	2,66	9,10	2,66	9,43	2,66

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.0+7.1	22,0	10,21	2,50	10,64	2,55	11,07	2,60	11,29	2,63	11,93	2,71	12,36	2,76
	25,0	9,95	2,60	10,38	2,65	10,81	2,70	11,03	2,73	11,67	2,80	12,10	2,86
	32,0	9,35	2,84	9,78	2,89	10,21	2,94	10,42	2,97	11,06	3,05	11,49	3,10
	35,0	9,09	2,95	9,52	3,01	9,95	3,06	10,16	3,08	10,80	3,16	11,23	3,21
	40,0	8,66	3,15	9,08	3,21	9,51	3,26	9,73	3,28	10,37	3,36	10,80	3,41
	43,0	8,40	3,28	8,82	3,33	9,25	3,38	9,47	3,41	10,09	3,43	10,49	3,43
	46,0	8,02	2,86	8,38	2,86	8,74	2,86	8,91	2,86	9,43	2,86	9,76	2,86
1.5+2.0+2.5+2.5	22,0	8,47	1,82	8,83	1,85	9,20	1,89	9,38	1,91	9,93	1,97	10,30	2,00
	25,0	8,24	1,89	8,61	1,92	8,98	1,96	9,16	1,98	9,71	2,03	10,08	2,07
	32,0	7,73	2,06	8,09	2,10	8,46	2,13	8,64	2,15	9,19	2,21	9,56	2,24
	35,0	7,50	2,14	7,87	2,18	8,24	2,21	8,42	2,23	8,97	2,29	9,34	2,33
	40,0	7,13	2,28	7,50	2,32	7,87	2,36	8,05	2,37	8,60	2,43	8,97	2,47
	43,0	6,91	2,37	7,28	2,41	7,64	2,45	7,83	2,47	8,38	2,52	8,74	2,56
	46,0	6,69	2,47	7,05	2,50	7,42	2,54	7,60	2,56	8,15	2,61	8,52	2,65
1.5+2.0+2.5+3.5	22,0	9,01	2,19	9,42	2,23	9,82	2,28	10,02	2,30	10,63	2,37	11,03	2,41
	25,0	8,77	2,27	9,17	2,32	9,58	2,36	9,78	2,38	10,38	2,45	10,79	2,50
	32,0	8,19	2,48	8,60	2,53	9,00	2,57	9,21	2,59	9,81	2,66	10,22	2,71
	35,0	7,95	2,58	8,35	2,63	8,76	2,67	8,96	2,69	9,57	2,76	9,97	2,81
	40,0	7,54	2,75	7,94	2,80	8,35	2,84	8,55	2,87	9,16	2,93	9,56	2,98
	43,0	7,29	2,86	7,70	2,91	8,10	2,95	8,31	2,98	8,91	3,04	9,32	3,09
	46,0	7,02	2,90	7,39	2,90	7,76	2,90	7,94	2,90	8,47	2,90	8,82	2,90
1.5+2.0+2.5+4.2	22,0	9,35	2,37	9,76	2,41	10,16	2,46	10,36	2,48	10,97	2,55	11,37	2,59
	25,0	9,11	2,45	9,51	2,50	9,92	2,54	10,12	2,56	10,72	2,63	11,13	2,68
	32,0	8,53	2,66	8,94	2,71	9,34	2,75	9,55	2,77	10,15	2,84	10,56	2,89
	35,0	8,29	2,76	8,69	2,81	9,10	2,85	9,30	2,87	9,91	2,94	10,31	2,99
	40,0	7,88	2,93	8,28	2,98	8,69	3,02	8,89	3,05	9,50	3,11	9,90	3,16
	43,0	7,63	3,04	8,04	3,09	8,44	3,13	8,65	3,16	9,25	3,22	9,66	3,27
	46,0	7,36	3,08	7,73	3,08	8,10	3,08	8,28	3,08	8,81	3,08	9,16	3,08
1.5+2.0+2.5+5.0	22,0	9,54	2,31	9,97	2,36	10,40	2,41	10,62	2,44	11,26	2,52	11,69	2,57
	25,0	9,28	2,41	9,71	2,46	10,14	2,51	10,36	2,54	11,00	2,61	11,43	2,67
	32,0	8,68	2,65	9,11	2,70	9,54	2,75	9,75	2,78	10,39	2,86	10,82	2,91
	35,0	8,42	2,76	8,85	2,82	9,28	2,87	9,49	2,89	10,13	2,97	10,56	3,02
	40,0	7,99	2,96	8,41	3,02	8,84	3,07	9,06	3,09	9,70	3,17	10,13	3,22
	43,0	7,73	3,09	8,15	3,14	8,58	3,19	8,80	3,22	9,42	3,24	9,82	3,24
	46,0	7,35	2,67	7,71	2,67	8,07	2,67	8,24	2,67	8,76	2,67	9,09	2,67
1.5+2.0+2.5+6.0	22,0	10,06	2,43	10,49	2,48	10,92	2,53	11,14	2,56	11,78	2,64	12,21	2,69
	25,0	9,80	2,53	10,23	2,58	10,66	2,63	10,88	2,66	11,52	2,73	11,95	2,79
	32,0	9,20	2,77	9,63	2,82	10,06	2,87	10,27	2,90	10,91	2,98	11,34	3,03
	35,0	8,94	2,88	9,37	2,94	9,80	2,99	10,01	3,01	10,65	3,09	11,08	3,14
	40,0	8,51	3,08	8,93	3,14	9,36	3,19	9,58	3,21	10,22	3,29	10,65	3,34
	43,0	8,25	3,21	8,67	3,26	9,10	3,31	9,32	3,34	9,94	3,36	10,34	3,36
	46,0	7,87	2,79	8,23	2,79	8,59	2,79	8,76	2,79	9,28	2,79	9,61	2,79

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104119

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.5+7.1	22,0	10,21	2,50	10,64	2,55	11,07	2,60	11,29	2,63	11,93	2,71	12,36	2,76
	25,0	9,95	2,60	10,38	2,65	10,81	2,70	11,03	2,73	11,67	2,80	12,10	2,86
	32,0	9,35	2,84	9,78	2,89	10,21	2,94	10,42	2,97	11,06	3,05	11,49	3,10
	35,0	9,09	2,95	9,52	3,01	9,95	3,06	10,16	3,08	10,80	3,16	11,23	3,21
	40,0	8,66	3,15	9,08	3,21	9,51	3,26	9,73	3,28	10,37	3,36	10,80	3,41
	43,0	8,40	3,28	8,82	3,33	9,25	3,38	9,47	3,41	10,09	3,43	10,49	3,43
	46,0	8,02	2,86	8,38	2,86	8,74	2,86	8,91	2,86	9,43	2,86	9,76	2,86
1.5+2.0+3.5+3.5	22,0	9,36	2,30	9,78	2,35	10,20	2,40	10,42	2,43	11,05	2,50	11,47	2,55
	25,0	9,11	2,39	9,53	2,44	9,95	2,49	10,16	2,52	10,79	2,60	11,21	2,65
	32,0	8,51	2,63	8,93	2,68	9,35	2,74	9,57	2,76	10,20	2,84	10,62	2,89
	35,0	8,26	2,74	8,68	2,80	9,10	2,85	9,31	2,87	9,94	2,95	10,36	3,00
	40,0	7,83	2,94	8,25	2,99	8,67	3,05	8,88	3,07	9,52	3,15	9,94	3,20
	43,0	7,58	3,07	8,00	3,12	8,42	3,17	8,63	3,20	9,25	3,25	9,65	3,25
	46,0	7,22	2,68	7,58	2,68	7,94	2,68	8,11	2,68	8,62	2,68	8,95	2,68
1.5+2.0+3.5+4.2	22,0	9,56	2,42	9,98	2,47	10,40	2,52	10,62	2,55	11,25	2,62	11,67	2,67
	25,0	9,31	2,51	9,73	2,56	10,15	2,61	10,36	2,64	10,99	2,72	11,41	2,77
	32,0	8,71	2,75	9,13	2,80	9,55	2,86	9,77	2,88	10,40	2,96	10,82	3,01
	35,0	8,46	2,86	8,88	2,92	9,30	2,97	9,51	2,99	10,14	3,07	10,56	3,12
	40,0	8,03	3,06	8,45	3,11	8,87	3,17	9,08	3,19	9,72	3,27	10,14	3,32
	43,0	7,78	3,19	8,20	3,24	8,62	3,29	8,83	3,32	9,45	3,37	9,85	3,37
	46,0	7,42	2,80	7,78	2,80	8,14	2,80	8,31	2,80	8,82	2,80	9,15	2,80
1.5+2.0+3.5+5.0	22,0	9,74	2,42	10,17	2,47	10,61	2,52	10,83	2,55	11,48	2,63	11,92	2,69
	25,0	9,47	2,52	9,91	2,57	10,35	2,62	10,56	2,65	11,22	2,73	11,66	2,79
	32,0	8,85	2,77	9,29	2,82	9,73	2,88	9,95	2,91	10,60	2,99	11,04	3,04
	35,0	8,59	2,89	9,02	2,94	9,46	3,00	9,68	3,02	10,34	3,10	10,77	3,16
	40,0	8,15	3,10	8,58	3,15	9,02	3,20	9,24	3,23	9,89	3,31	10,33	3,37
	43,0	7,88	3,23	8,31	3,23	8,74	3,23	8,95	3,23	9,56	3,23	9,96	3,23
	46,0	7,49	2,66	7,86	2,66	8,21	2,66	8,39	2,66	8,90	2,66	9,23	2,66
1.5+2.0+3.5+6.0	22,0	10,21	2,48	10,64	2,53	11,08	2,58	11,30	2,61	11,95	2,69	12,39	2,75
	25,0	9,94	2,58	10,38	2,63	10,82	2,68	11,03	2,71	11,69	2,79	12,13	2,85
	32,0	9,32	2,83	9,76	2,88	10,20	2,94	10,42	2,97	11,07	3,05	11,51	3,10
	35,0	9,06	2,95	9,49	3,00	9,93	3,06	10,15	3,08	10,81	3,16	11,24	3,22
	40,0	8,62	3,16	9,05	3,21	9,49	3,26	9,71	3,29	10,36	3,37	10,80	3,43
	43,0	8,35	3,29	8,78	3,29	9,21	3,29	9,42	3,29	10,03	3,29	10,43	3,29
	46,0	7,96	2,72	8,33	2,72	8,68	2,72	8,86	2,72	9,37	2,72	9,70	2,72
1.5+2.0+3.5+7.1	22,0	10,23	2,48	10,66	2,53	11,10	2,58	11,32	2,61	11,97	2,69	12,41	2,75
	25,0	9,96	2,58	10,40	2,63	10,84	2,68	11,05	2,71	11,71	2,79	12,15	2,85
	32,0	9,34	2,83	9,78	2,88	10,22	2,94	10,44	2,97	11,09	3,05	11,53	3,10
	35,0	9,08	2,95	9,51	3,00	9,95	3,06	10,17	3,08	10,83	3,16	11,26	3,22
	40,0	8,64	3,16	9,07	3,21	9,51	3,26	9,73	3,29	10,38	3,37	10,82	3,43
	43,0	8,37	3,29	8,80	3,29	9,23	3,29	9,44	3,29	10,05	3,29	10,45	3,29
	46,0	7,98	2,72	8,35	2,72	8,70	2,72	8,88	2,72	9,39	2,72	9,72	2,72

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+4.2+4.2	22,0	9,57	2,42	9,99	2,47	10,41	2,52	10,63	2,55	11,26	2,62	11,68	2,67
	25,0	9,32	2,51	9,74	2,56	10,16	2,61	10,37	2,64	11,00	2,72	11,42	2,77
	32,0	8,72	2,75	9,14	2,80	9,56	2,86	9,78	2,88	10,41	2,96	10,83	3,01
	35,0	8,47	2,86	8,89	2,92	9,31	2,97	9,52	2,99	10,15	3,07	10,57	3,12
	40,0	8,04	3,06	8,46	3,11	8,88	3,17	9,09	3,19	9,73	3,27	10,15	3,32
	43,0	7,79	3,19	8,21	3,24	8,63	3,29	8,84	3,32	9,46	3,37	9,86	3,37
	46,0	7,43	2,80	7,79	2,80	8,15	2,80	8,32	2,80	8,83	2,80	9,16	2,80
1.5+2.0+4.2+5.0	22,0	9,75	2,42	10,18	2,47	10,62	2,52	10,84	2,55	11,49	2,63	11,93	2,69
	25,0	9,48	2,52	9,92	2,57	10,36	2,62	10,57	2,65	11,23	2,73	11,67	2,79
	32,0	8,86	2,77	9,30	2,82	9,74	2,88	9,96	2,91	10,61	2,99	11,05	3,04
	35,0	8,60	2,89	9,03	2,94	9,47	3,00	9,69	3,02	10,35	3,10	10,78	3,16
	40,0	8,16	3,10	8,59	3,15	9,03	3,20	9,25	3,23	9,90	3,31	10,34	3,37
	43,0	7,89	3,23	8,32	3,23	8,75	3,23	8,96	3,23	9,57	3,23	9,97	3,23
	46,0	7,50	2,66	7,87	2,66	8,22	2,66	8,40	2,66	8,91	2,66	9,24	2,66
1.5+2.0+4.2+6.0	22,0	10,22	2,48	10,65	2,53	11,09	2,58	11,31	2,61	11,96	2,69	12,40	2,75
	25,0	9,95	2,58	10,39	2,63	10,83	2,68	11,04	2,71	11,70	2,79	12,14	2,85
	32,0	9,33	2,83	9,77	2,88	10,21	2,94	10,43	2,97	11,08	3,05	11,52	3,10
	35,0	9,07	2,95	9,50	3,00	9,94	3,06	10,16	3,08	10,82	3,16	11,25	3,22
	40,0	8,63	3,16	9,06	3,21	9,50	3,26	9,72	3,29	10,37	3,37	10,81	3,43
	43,0	8,36	3,29	8,79	3,29	9,22	3,29	9,43	3,29	10,04	3,29	10,44	3,29
	46,0	7,97	2,72	8,34	2,72	8,69	2,72	8,87	2,72	9,38	2,72	9,71	2,72
1.5+2.0+4.2+7.1	22,0	10,69	2,97	11,12	3,02	11,56	3,07	11,78	3,10	12,43	3,18	12,87	3,24
	25,0	10,42	3,07	10,86	3,12	11,30	3,17	11,51	3,20	12,17	3,28	12,61	3,34
	32,0	9,80	3,32	10,24	3,37	10,68	3,43	10,90	3,46	11,55	3,54	11,99	3,59
	35,0	9,54	3,44	9,97	3,49	10,41	3,55	10,63	3,57	11,29	3,65	11,72	3,71
	40,0	9,10	3,65	9,53	3,70	9,97	3,75	10,19	3,78	10,84	3,86	11,28	3,92
	43,0	8,83	3,78	9,26	3,78	9,69	3,78	9,90	3,78	10,51	3,78	10,91	3,78
	46,0	8,44	3,21	8,81	3,21	9,16	3,21	9,34	3,21	9,85	3,21	10,18	3,21
1.5+2.0+5.0+5.0	22,0	9,93	2,43	10,37	2,49	10,82	2,54	11,04	2,57	11,71	2,65	12,16	2,70
	25,0	9,66	2,53	10,10	2,59	10,55	2,64	10,77	2,67	11,44	2,75	11,89	2,81
	32,0	9,03	2,79	9,47	2,84	9,92	2,90	10,14	2,92	10,81	3,01	11,26	3,06
	35,0	8,76	2,91	9,20	2,96	9,65	3,02	9,87	3,04	10,54	3,13	10,98	3,18
	40,0	8,30	3,12	8,75	3,17	9,20	3,23	9,42	3,25	10,09	3,34	10,53	3,37
	43,0	8,03	3,22	8,47	3,22	8,90	3,22	9,01	3,22	9,73	3,22	10,13	3,22
	46,0	7,62	2,65	7,99	2,65	8,35	2,65	8,52	2,65	9,04	2,65	9,38	2,65
1.5+2.0+5.0+6.0	22,0	10,40	2,50	10,84	2,56	11,29	2,61	11,51	2,64	12,18	2,72	12,63	2,77
	25,0	10,13	2,60	10,57	2,66	11,02	2,71	11,24	2,74	11,91	2,82	12,36	2,88
	32,0	9,50	2,86	9,94	2,91	10,39	2,97	10,61	2,99	11,28	3,08	11,73	3,13
	35,0	9,23	2,98	9,67	3,03	10,12	3,09	10,34	3,11	11,01	3,20	11,45	3,25
	40,0	8,77	3,19	9,22	3,24	9,67	3,30	9,89	3,32	10,56	3,41	11,00	3,44
	43,0	8,50	3,29	8,94	3,29	9,37	3,29	9,48	3,29	10,20	3,29	10,60	3,29
	46,0	8,09	2,72	8,46	2,72	8,82	2,72	8,99	2,72	9,51	2,72	9,85	2,72

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104120

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+5.0+7.1	22,0	10,77	2,84	11,21	2,90	11,66	2,95	11,88	2,98	12,55	3,06	13,00	3,11
	25,0	10,50	2,94	10,94	3,00	11,39	3,05	11,61	3,08	12,28	3,16	12,73	3,22
	32,0	9,87	3,20	10,31	3,25	10,76	3,31	10,98	3,33	11,65	3,42	12,10	3,47
	35,0	9,60	3,32	10,04	3,37	10,49	3,43	10,71	3,45	11,38	3,54	11,82	3,59
	40,0	9,14	3,53	9,59	3,58	10,04	3,64	10,26	3,66	10,93	3,75	11,37	3,78
	43,0	8,87	3,63	9,31	3,63	9,74	3,63	9,85	3,63	10,57	3,63	10,97	3,63
	46,0	8,46	3,06	8,83	3,06	9,19	3,06	9,36	3,06	9,88	3,06	10,22	3,06
1.5+2.0+6.0+6.0	22,0	10,76	2,49	11,20	2,55	11,65	2,60	11,87	2,63	12,54	2,71	12,99	2,76
	25,0	10,49	2,59	10,93	2,65	11,38	2,70	11,60	2,73	12,27	2,81	12,72	2,87
	32,0	9,86	2,85	10,30	2,90	10,75	2,96	10,97	2,98	11,64	3,07	12,09	3,12
	35,0	9,59	2,97	10,03	3,02	10,48	3,08	10,70	3,10	11,37	3,19	11,81	3,24
	40,0	9,13	3,18	9,58	3,23	10,03	3,29	10,25	3,31	10,92	3,40	11,36	3,43
	43,0	8,86	3,28	9,30	3,28	9,73	3,28	9,84	3,28	10,56	3,28	10,96	3,28
	46,0	8,45	2,71	8,82	2,71	9,18	2,71	9,35	2,71	9,87	2,71	10,21	2,71
1.5+2.5+2.5+2.5	22,0	8,75	1,98	9,11	2,01	9,48	2,05	9,66	2,07	10,21	2,13	10,58	2,16
	25,0	8,52	2,05	8,89	2,08	9,26	2,12	9,44	2,14	9,99	2,19	10,36	2,23
	32,0	8,01	2,22	8,37	2,26	8,74	2,29	8,92	2,31	9,47	2,37	9,84	2,40
	35,0	7,78	2,30	8,15	2,34	8,52	2,37	8,70	2,39	9,25	2,45	9,62	2,49
	40,0	7,41	2,44	7,78	2,48	8,15	2,52	8,33	2,53	8,88	2,59	9,25	2,63
	43,0	7,19	2,53	7,56	2,57	7,92	2,61	8,11	2,63	8,66	2,68	9,02	2,72
	46,0	6,97	2,63	7,33	2,66	7,70	2,70	7,88	2,72	8,43	2,77	8,80	2,81
1.5+2.5+2.5+3.5	22,0	9,26	2,37	9,67	2,41	10,07	2,46	10,27	2,48	10,88	2,55	11,28	2,59
	25,0	9,02	2,45	9,42	2,50	9,83	2,54	10,03	2,56	10,63	2,63	11,04	2,68
	32,0	8,44	2,66	8,85	2,71	9,25	2,75	9,46	2,77	10,06	2,84	10,47	2,89
	35,0	8,20	2,76	8,60	2,81	9,01	2,85	9,21	2,87	9,82	2,94	10,22	2,99
	40,0	7,79	2,93	8,19	2,98	8,60	3,02	8,80	3,05	9,41	3,11	9,81	3,16
	43,0	7,54	3,04	7,95	3,09	8,35	3,13	8,56	3,16	9,16	3,22	9,57	3,27
	46,0	7,27	3,08	7,64	3,08	8,01	3,08	8,19	3,08	8,72	3,08	9,07	3,08
1.5+2.5+2.5+4.2	22,0	9,36	2,37	9,77	2,41	10,17	2,46	10,37	2,48	10,98	2,55	11,38	2,59
	25,0	9,12	2,45	9,52	2,50	9,93	2,54	10,13	2,56	10,73	2,63	11,14	2,68
	32,0	8,54	2,66	8,95	2,71	9,35	2,75	9,56	2,77	10,16	2,84	10,57	2,89
	35,0	8,30	2,76	8,70	2,81	9,11	2,85	9,31	2,87	9,92	2,94	10,32	2,99
	40,0	7,89	2,93	8,29	2,98	8,70	3,02	8,90	3,05	9,51	3,11	9,91	3,16
	43,0	7,64	3,04	8,05	3,09	8,45	3,13	8,66	3,16	9,26	3,22	9,67	3,27
	46,0	7,37	3,08	7,74	3,08	8,11	3,08	8,29	3,08	8,82	3,08	9,17	3,08
1.5+2.5+2.5+5.0	22,0	9,73	2,44	10,16	2,49	10,59	2,54	10,81	2,57	11,45	2,65	11,88	2,70
	25,0	9,47	2,54	9,90	2,59	10,33	2,64	10,55	2,67	11,19	2,74	11,62	2,80
	32,0	8,87	2,78	9,30	2,83	9,73	2,88	9,94	2,91	10,58	2,99	11,01	3,04
	35,0	8,61	2,89	9,04	2,95	9,47	3,00	9,68	3,02	10,32	3,10	10,75	3,15
	40,0	8,18	3,09	8,60	3,15	9,03	3,20	9,25	3,22	9,89	3,30	10,32	3,35
	43,0	7,92	3,22	8,34	3,27	8,77	3,32	8,99	3,35	9,61	3,37	10,01	3,37
	46,0	7,54	2,80	7,90	2,80	8,26	2,80	8,43	2,80	8,95	2,80	9,28	2,80

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+2.5+6.0	22,0	10,19	2,50	10,62	2,55	11,05	2,60	11,27	2,63	11,91	2,71	12,34	2,76
	25,0	9,93	2,60	10,36	2,65	10,79	2,70	11,01	2,73	11,65	2,80	12,08	2,86
	32,0	9,33	2,84	9,76	2,89	10,19	2,94	10,40	2,97	11,04	3,05	11,47	3,10
	35,0	9,07	2,95	9,50	3,01	9,93	3,06	10,14	3,08	10,78	3,16	11,21	3,21
	40,0	8,64	3,15	9,06	3,21	9,49	3,26	9,71	3,28	10,35	3,36	10,78	3,41
	43,0	8,38	3,28	8,80	3,33	9,23	3,38	9,45	3,41	10,07	3,43	10,47	3,43
	46,0	8,00	2,86	8,36	2,86	8,72	2,86	8,89	2,86	9,41	2,86	9,74	2,86
1.5+2.5+2.5+7.1	22,0	10,21	2,50	10,64	2,55	11,07	2,60	11,29	2,63	11,93	2,71	12,36	2,76
	25,0	9,95	2,60	10,38	2,65	10,81	2,70	11,03	2,73	11,67	2,80	12,10	2,86
	32,0	9,35	2,84	9,78	2,89	10,21	2,94	10,42	2,97	11,06	3,05	11,49	3,10
	35,0	9,09	2,95	9,52	3,01	9,95	3,06	10,16	3,08	10,80	3,16	11,23	3,21
	40,0	8,66	3,15	9,08	3,21	9,51	3,26	9,73	3,28	10,37	3,36	10,80	3,41
	43,0	8,40	3,28	8,82	3,33	9,25	3,38	9,47	3,41	10,09	3,43	10,49	3,43
	46,0	8,02	2,86	8,38	2,86	8,74	2,86	8,91	2,86	9,43	2,86	9,76	2,86
1.5+2.5+3.5+3.5	22,0	9,36	2,30	9,78	2,35	10,20	2,40	10,42	2,43	11,05	2,50	11,47	2,55
	25,0	9,11	2,39	9,53	2,44	9,95	2,49	10,16	2,52	10,79	2,60	11,21	2,65
	32,0	8,51	2,63	8,93	2,68	9,35	2,74	9,57	2,76	10,20	2,84	10,62	2,89
	35,0	8,26	2,74	8,68	2,80	9,10	2,85	9,31	2,87	9,94	2,95	10,36	3,00
	40,0	7,83	2,94	8,25	2,99	8,67	3,05	8,88	3,07	9,52	3,15	9,94	3,20
	43,0	7,58	3,07	8,00	3,12	8,42	3,17	8,63	3,20	9,25	3,25	9,65	3,25
	46,0	7,22	2,68	7,58	2,68	7,94	2,68	8,11	2,68	8,62	2,68	8,95	2,68
1.5+2.5+3.5+4.2	22,0	9,56	2,42	9,98	2,47	10,40	2,52	10,62	2,55	11,25	2,62	11,67	2,67
	25,0	9,31	2,51	9,73	2,56	10,15	2,61	10,36	2,64	10,99	2,72	11,41	2,77
	32,0	8,71	2,75	9,13	2,80	9,55	2,86	9,77	2,88	10,40	2,96	10,82	3,01
	35,0	8,46	2,86	8,88	2,92	9,30	2,97	9,51	2,99	10,14	3,07	10,56	3,12
	40,0	8,03	3,06	8,45	3,11	8,87	3,17	9,08	3,19	9,72	3,27	10,14	3,32
	43,0	7,78	3,19	8,20	3,24	8,62	3,29	8,83	3,32	9,45	3,37	9,85	3,37
	46,0	7,42	2,80	7,78	2,80	8,14	2,80	8,31	2,80	8,82	2,80	9,15	2,80
1.5+2.5+3.5+5.0	22,0	9,74	2,42	10,17	2,47	10,61	2,52	10,83	2,55	11,48	2,63	11,92	2,69
	25,0	9,47	2,52	9,91	2,57	10,35	2,62	10,56	2,65	11,22	2,73	11,66	2,79
	32,0	8,85	2,77	9,29	2,82	9,73	2,88	9,95	2,91	10,60	2,99	11,04	3,04
	35,0	8,59	2,89	9,02	2,94	9,46	3,00	9,68	3,02	10,34	3,10	10,77	3,16
	40,0	8,15	3,10	8,58	3,15	9,02	3,20	9,24	3,23	9,89	3,31	10,33	3,37
	43,0	7,88	3,23	8,31	3,23	8,74	3,23	8,95	3,23	9,56	3,23	9,96	3,23
	46,0	7,49	2,66	7,86	2,66	8,21	2,66	8,39	2,66	8,90	2,66	9,23	2,66
1.5+2.5+3.5+6.0	22,0	10,21	2,48	10,64	2,53	11,08	2,58	11,30	2,61	11,95	2,69	12,39	2,75
	25,0	9,94	2,58	10,38	2,63	10,82	2,68	11,03	2,71	11,69	2,79	12,13	2,85
	32,0	9,32	2,83	9,76	2,88	10,20	2,94	10,42	2,97	11,07	3,05	11,51	3,10
	35,0	9,06	2,95	9,49	3,00	9,93	3,06	10,15	3,08	10,81	3,16	11,24	3,22
	40,0	8,62	3,16	9,05	3,21	9,49	3,26	9,71	3,29	10,36	3,37	10,80	3,43
	43,0	8,35	3,29	8,78	3,29	9,21	3,29	9,42	3,29	10,03	3,29	10,43	3,29
	46,0	7,96	2,72	8,33	2,72	8,68	2,72	8,86	2,72	9,37	2,72	9,70	2,72

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104121

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+3.5+7.1	22,0	10,23	2,48	10,66	2,53	11,10	2,58	11,32	2,61	11,97	2,69	12,41	2,75
	25,0	9,96	2,58	10,40	2,63	10,84	2,68	11,05	2,71	11,71	2,79	12,15	2,85
	32,0	9,34	2,83	9,78	2,88	10,22	2,94	10,44	2,97	11,09	3,05	11,53	3,10
	35,0	9,08	2,95	9,51	3,00	9,95	3,06	10,17	3,08	10,83	3,16	11,26	3,22
	40,0	8,64	3,16	9,07	3,21	9,51	3,26	9,73	3,29	10,38	3,37	10,82	3,43
	43,0	8,37	3,29	8,80	3,29	9,23	3,29	9,44	3,29	10,05	3,29	10,45	3,29
	46,0	7,98	2,72	8,35	2,72	8,70	2,72	8,88	2,72	9,39	2,72	9,72	2,72
1.5+2.5+4.2+4.2	22,0	9,57	2,42	9,99	2,47	10,41	2,52	10,63	2,55	11,26	2,62	11,68	2,67
	25,0	9,32	2,51	9,74	2,56	10,16	2,61	10,37	2,64	11,00	2,72	11,42	2,77
	32,0	8,72	2,75	9,14	2,80	9,56	2,86	9,78	2,88	10,41	2,96	10,83	3,01
	35,0	8,47	2,86	8,89	2,92	9,31	2,97	9,52	2,99	10,15	3,07	10,57	3,12
	40,0	8,04	3,06	8,46	3,11	8,88	3,17	9,09	3,19	9,73	3,27	10,15	3,32
	43,0	7,79	3,19	8,21	3,24	8,63	3,29	8,84	3,32	9,46	3,37	9,86	3,37
	46,0	7,43	2,80	7,79	2,80	8,15	2,80	8,32	2,80	8,83	2,80	9,16	2,80
1.5+2.5+4.2+5.0	22,0	9,75	2,42	10,18	2,47	10,62	2,52	10,84	2,55	11,49	2,63	11,93	2,69
	25,0	9,48	2,52	9,92	2,57	10,36	2,62	10,57	2,65	11,23	2,73	11,67	2,79
	32,0	8,86	2,77	9,30	2,82	9,74	2,88	9,96	2,91	10,61	2,99	11,05	3,04
	35,0	8,60	2,89	9,03	2,94	9,47	3,00	9,69	3,02	10,35	3,10	10,78	3,16
	40,0	8,16	3,10	8,59	3,15	9,03	3,20	9,25	3,23	9,90	3,31	10,34	3,37
	43,0	7,89	3,23	8,32	3,23	8,75	3,23	8,96	3,23	9,57	3,23	9,97	3,23
	46,0	7,50	2,66	7,87	2,66	8,22	2,66	8,40	2,66	8,91	2,66	9,24	2,66
1.5+2.5+4.2+6.0	22,0	10,22	2,48	10,65	2,53	11,09	2,58	11,31	2,61	11,96	2,69	12,40	2,75
	25,0	9,95	2,58	10,39	2,63	10,83	2,68	11,04	2,71	11,70	2,79	12,14	2,85
	32,0	9,33	2,83	9,77	2,88	10,21	2,94	10,43	2,97	11,08	3,05	11,52	3,10
	35,0	9,07	2,95	9,50	3,00	9,94	3,06	10,16	3,08	10,82	3,16	11,25	3,22
	40,0	8,63	3,16	9,06	3,21	9,50	3,26	9,72	3,29	10,37	3,37	10,81	3,43
	43,0	8,36	3,29	8,79	3,29	9,22	3,29	9,43	3,29	10,04	3,29	10,44	3,29
	46,0	7,97	2,72	8,34	2,72	8,69	2,72	8,87	2,72	9,38	2,72	9,71	2,72
1.5+2.5+4.2+7.1	22,0	10,74	3,04	11,17	3,09	11,61	3,14	11,83	3,17	12,48	3,25	12,92	3,31
	25,0	10,47	3,14	10,91	3,19	11,35	3,24	11,56	3,27	12,22	3,35	12,66	3,41
	32,0	9,85	3,39	10,29	3,44	10,73	3,50	10,95	3,53	11,60	3,61	12,04	3,66
	35,0	9,59	3,51	10,02	3,56	10,46	3,62	10,68	3,64	11,34	3,72	11,77	3,78
	40,0	9,15	3,72	9,58	3,77	10,02	3,82	10,24	3,85	10,89	3,93	11,33	3,99
	43,0	8,88	3,85	9,31	3,85	9,74	3,85	9,95	3,85	10,56	3,85	10,96	3,85
	46,0	8,49	3,28	8,86	3,28	9,21	3,28	9,39	3,28	9,90	3,28	10,23	3,28
1.5+2.5+5.0+5.0	22,0	9,58	2,38	10,02	2,44	10,47	2,49	10,69	2,52	11,36	2,60	11,81	2,65
	25,0	9,31	2,48	9,75	2,54	10,20	2,59	10,42	2,62	11,09	2,70	11,54	2,76
	32,0	8,68	2,74	9,12	2,79	9,57	2,85	9,79	2,87	10,46	2,96	10,91	3,01
	35,0	8,41	2,86	8,85	2,91	9,30	2,97	9,52	2,99	10,19	3,08	10,63	3,13
	40,0	7,95	3,07	8,40	3,12	8,85	3,18	9,07	3,20	9,74	3,29	10,18	3,32
	43,0	7,68	3,17	8,12	3,17	8,55	3,17	8,66	3,17	9,38	3,17	9,78	3,17
	46,0	7,27	2,60	7,64	2,60	8,00	2,60	8,17	2,60	8,69	2,60	9,03	2,60

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+5.0+6.0	22,0	9,75	2,41	10,19	2,47	10,64	2,52	10,86	2,55	11,53	2,63	11,98	2,68
	25,0	9,48	2,51	9,92	2,57	10,37	2,62	10,59	2,65	11,26	2,73	11,71	2,79
	32,0	8,85	2,77	9,29	2,82	9,74	2,88	9,96	2,90	10,63	2,99	11,08	3,04
	35,0	8,58	2,89	9,02	2,94	9,47	3,00	9,69	3,02	10,36	3,11	10,80	3,16
	40,0	8,12	3,10	8,57	3,15	9,02	3,21	9,24	3,23	9,91	3,32	10,35	3,35
	43,0	7,85	3,20	8,29	3,20	8,72	3,20	8,83	3,20	9,55	3,20	9,95	3,20
	46,0	7,44	2,63	7,81	2,63	8,17	2,63	8,34	2,63	8,86	2,63	9,20	2,63
1.5+3.5+3.5+3.5	22,0	9,56	2,39	9,99	2,45	10,42	2,50	10,64	2,53	11,28	2,61	11,71	2,66
	25,0	9,30	2,49	9,73	2,54	10,16	2,60	10,38	2,62	11,02	2,71	11,45	2,76
	32,0	8,70	2,74	9,13	2,80	9,56	2,85	9,77	2,88	10,41	2,96	10,84	3,01
	35,0	8,44	2,86	8,87	2,91	9,30	2,97	9,51	2,99	9,85	3,07	10,58	3,13
	40,0	8,00	3,07	8,43	3,12	8,86	3,17	9,08	3,20	9,72	3,28	10,15	3,33
	43,0	7,74	3,20	8,17	3,23	8,59	3,23	8,80	3,23	9,40	3,23	9,80	3,23
	46,0	7,38	2,66	7,74	2,66	8,09	2,66	8,26	2,66	8,77	2,66	9,10	2,66
1.5+3.5+3.5+4.2	22,0	9,57	2,39	10,00	2,45	10,43	2,50	10,65	2,53	11,29	2,61	11,72	2,66
	25,0	9,31	2,49	9,74	2,54	10,17	2,60	10,39	2,62	11,03	2,71	11,46	2,76
	32,0	8,71	2,74	9,14	2,80	9,57	2,85	9,78	2,88	10,42	2,96	10,85	3,01
	35,0	8,45	2,86	8,88	2,91	9,31	2,97	9,52	2,99	9,86	3,07	10,59	3,13
	40,0	8,01	3,07	8,44	3,12	8,87	3,17	9,09	3,20	9,73	3,28	10,16	3,33
	43,0	7,75	3,20	8,18	3,23	8,60	3,23	8,81	3,23	9,41	3,23	9,81	3,23
	46,0	7,39	2,66	7,75	2,66	8,10	2,66	8,27	2,66	8,78	2,66	9,11	2,66
1.5+3.5+3.5+5.0	22,0	9,75	2,42	10,18	2,47	10,62	2,52	10,84	2,55	11,50	2,63	11,93	2,69
	25,0	9,48	2,52	9,92	2,57	10,36	2,62	10,57	2,65	11,23	2,73	11,67	2,79
	32,0	8,86	2,77	9,30	2,82	9,74	2,88	9,96	2,91	10,61	2,99	10,85	3,04
	35,0	8,60	2,89	9,03	2,94	9,47	3,00	9,69	3,02	10,35	3,10	10,78	3,16
	40,0	8,15	3,10	8,59	3,15	9,03	3,20	9,25	3,23	9,90	3,31	10,34	3,37
	43,0	7,89	3,23	8,32	3,23	8,75	3,23	8,95	3,23	9,57	3,23	9,97	3,23
	46,0	7,50	2,66	7,86	2,66	8,22	2,66	8,39	2,66	8,91	2,66	9,24	2,66
1.5+3.5+3.5+6.0	22,0	10,22	2,48	10,65	2,53	11,09	2,58	11,31	2,61	11,97	2,69	12,40	2,75
	25,0	9,95	2,58	10,39	2,63	10,83	2,68	11,04	2,71	11,70	2,79	12,14	2,85
	32,0	9,33	2,83	9,77	2,88	10,21	2,94	10,43	2,97	11,08	3,05	11,32	3,10
	35,0	9,07	2,95	9,50	3,00	9,94	3,06	10,16	3,08	10,82	3,16	11,25	3,22
	40,0	8,62	3,16	9,06	3,21	9,50	3,26	9,72	3,29	10,37	3,37	10,81	3,43
	43,0	8,36	3,29	8,79	3,29	9,22	3,29	9,42	3,29	10,04	3,29	10,44	3,29
	46,0	7,97	2,72	8,33	2,72	8,69	2,72	8,86	2,72	9,38	2,72	9,71	2,72
1.5+3.5+3.5+7.1	22,0	10,77	3,11	11,20	3,16	11,64	3,21	11,86	3,24	12,52	3,32	12,95	3,38
	25,0	10,50	3,21	10,94	3,26	11,38	3,31	11,59	3,34	12,25	3,42	12,69	3,48
	32,0	9,88	3,46	10,32	3,51	10,76	3,57	10,98	3,60	11,63	3,68	11,87	3,73
	35,0	9,62	3,58	10,05	3,63	10,49	3,69	10,71	3,71	11,37	3,79	11,80	3,85
	40,0	9,17	3,79	9,61	3,84	10,05	3,89	10,27	3,92	10,92	4,00	11,36	4,06
	43,0	8,91	3,92	9,34	3,92	9,77	3,92	9,97	3,92	10,59	3,92	10,99	3,92
	46,0	8,52	3,35	8,88	3,35	9,24	3,35	9,41	3,35	9,93	3,35	10,26	3,35

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104122

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+3.5+4.2+4.2	22,0	9,57	2,40	10,00	2,46	10,43	2,51	10,65	2,54	11,29	2,62	11,72	2,67
	25,0	9,31	2,50	9,74	2,55	10,17	2,61	10,39	2,63	11,03	2,72	11,46	2,77
	32,0	8,71	2,75	9,14	2,81	9,57	2,86	9,78	2,89	10,42	2,97	10,85	3,02
	35,0	8,45	2,87	8,88	2,92	9,31	2,98	9,52	3,00	9,86	3,08	10,59	3,14
	40,0	8,01	3,08	8,44	3,13	8,87	3,18	9,09	3,21	9,73	3,29	10,16	3,34
	43,0	7,75	3,21	8,18	3,24	8,60	3,24	8,81	3,24	9,41	3,24	9,81	3,24
	46,0	7,39	2,67	7,75	2,67	8,10	2,67	8,27	2,67	8,78	2,67	9,11	2,67
1.5+3.5+4.2+5.0	22,0	9,76	2,42	10,19	2,47	10,63	2,52	10,85	2,55	11,51	2,63	11,94	2,69
	25,0	9,49	2,52	9,93	2,57	10,37	2,62	10,58	2,65	11,24	2,73	11,68	2,79
	32,0	8,87	2,77	9,31	2,82	9,75	2,88	9,97	2,91	10,62	2,99	10,86	3,04
	35,0	8,61	2,89	9,04	2,94	9,48	3,00	9,70	3,02	10,36	3,10	10,79	3,16
	40,0	8,16	3,10	8,60	3,15	9,04	3,20	9,26	3,23	9,91	3,31	10,35	3,37
	43,0	7,90	3,23	8,33	3,23	8,76	3,23	8,96	3,23	9,58	3,23	9,98	3,23
	46,0	7,51	2,66	7,87	2,66	8,23	2,66	8,40	2,66	8,92	2,66	9,25	2,66
1.5+3.5+4.2+6.0	22,0	10,74	3,11	11,17	3,16	11,61	3,21	11,83	3,24	12,49	3,32	12,92	3,38
	25,0	10,47	3,21	10,91	3,26	11,35	3,31	11,56	3,34	12,22	3,42	12,66	3,48
	32,0	9,85	3,46	10,29	3,51	10,73	3,57	10,95	3,60	11,60	3,68	11,84	3,73
	35,0	9,59	3,58	10,02	3,63	10,46	3,69	10,68	3,71	11,34	3,79	11,77	3,85
	40,0	9,14	3,79	9,58	3,84	10,02	3,89	10,24	3,92	10,89	4,00	11,33	4,06
	43,0	8,88	3,92	9,31	3,92	9,74	3,92	9,94	3,92	10,56	3,92	10,96	3,92
	46,0	8,49	3,35	8,85	3,35	9,21	3,35	9,38	3,35	9,90	3,35	10,23	3,35
1.5+3.5+5.0+5.0	22,0	10,54	3,15	11,01	3,22	11,49	3,29	11,72	3,32	12,43	3,42	12,90	3,49
	25,0	10,25	3,28	10,73	3,34	11,20	3,41	11,44	3,44	12,14	3,55	12,62	3,61
	32,0	9,58	3,59	10,06	3,66	10,53	3,73	10,77	3,76	11,48	3,86	11,94	3,89
	35,0	9,30	3,73	9,77	3,73	10,24	3,73	10,47	3,73	11,15	3,73	11,59	3,73
	40,0	8,82	3,46	9,29	3,46	9,77	3,46	10,00	3,46	10,67	3,46	11,08	3,46
	43,0	8,73	3,31	9,01	3,31	9,48	3,31	9,72	3,31	10,41	3,31	10,80	3,31
	46,0	8,25	2,74	8,72	2,74	9,07	2,74	9,24	2,74	9,74	2,74	10,07	2,74
1.5+4.2+4.2+4.2	22,0	9,58	2,40	10,01	2,46	10,44	2,51	10,66	2,54	11,30	2,62	11,73	2,67
	25,0	9,32	2,50	9,75	2,55	10,18	2,61	10,40	2,63	11,04	2,72	11,47	2,77
	32,0	8,72	2,75	9,15	2,81	9,58	2,86	9,79	2,89	10,43	2,97	10,86	3,02
	35,0	8,46	2,87	8,89	2,92	9,32	2,98	9,53	3,00	9,87	3,08	10,60	3,14
	40,0	8,02	3,08	8,45	3,13	8,88	3,18	9,10	3,21	9,74	3,29	10,17	3,34
	43,0	7,76	3,21	8,19	3,24	8,61	3,24	8,82	3,24	9,42	3,24	9,82	3,24
	46,0	7,40	2,67	7,76	2,67	8,11	2,67	8,28	2,67	8,79	2,67	9,12	2,67
1.5+4.2+4.2+5.0	22,0	10,35	3,09	10,78	3,14	11,22	3,19	11,44	3,22	12,10	3,30	12,53	3,36
	25,0	10,08	3,19	10,52	3,24	10,96	3,29	11,17	3,32	11,83	3,40	12,27	3,46
	32,0	9,46	3,44	9,90	3,49	10,34	3,55	10,56	3,58	11,21	3,66	11,45	3,71
	35,0	9,20	3,56	9,63	3,61	10,07	3,67	10,29	3,69	10,95	3,77	11,38	3,83
	40,0	8,75	3,77	9,19	3,82	9,63	3,87	9,85	3,90	10,50	3,98	10,94	4,04
	43,0	8,49	3,90	8,92	3,90	9,35	3,90	9,55	3,90	10,17	3,90	10,57	3,90
	46,0	8,10	3,33	8,46	3,33	8,82	3,33	8,99	3,33	9,51	3,33	9,84	3,33

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+2.0	22,0	8,17	1,65	8,53	1,68	8,90	1,72	9,08	1,74	9,63	1,80	10,00	1,83
	25,0	7,94	1,72	8,31	1,75	8,68	1,79	8,86	1,81	9,41	1,86	9,78	1,90
	32,0	7,43	1,89	7,79	1,93	8,16	1,96	8,34	1,98	8,89	2,04	9,26	2,07
	35,0	7,20	1,97	7,57	2,01	7,94	2,04	8,12	2,06	8,67	2,12	9,04	2,16
	40,0	6,83	2,11	7,20	2,15	7,57	2,19	7,75	2,20	8,30	2,26	8,67	2,30
	43,0	6,61	2,20	6,98	2,24	7,34	2,28	7,53	2,30	8,08	2,35	8,44	2,39
	46,0	6,39	2,30	6,75	2,33	7,12	2,37	7,30	2,39	7,85	2,44	8,22	2,48
2.0+2.0+2.0+2.5	22,0	8,47	1,82	8,83	1,85	9,20	1,89	9,38	1,91	9,93	1,97	10,30	2,00
	25,0	8,24	1,89	8,61	1,92	8,98	1,96	9,16	1,98	9,71	2,03	10,08	2,07
	32,0	7,73	2,06	8,09	2,10	8,46	2,13	8,64	2,15	9,19	2,21	9,56	2,24
	35,0	7,50	2,14	7,87	2,18	8,24	2,21	8,42	2,23	8,97	2,29	9,34	2,33
	40,0	7,13	2,28	7,50	2,32	7,87	2,36	8,05	2,37	8,60	2,43	8,97	2,47
	43,0	6,91	2,37	7,28	2,41	7,64	2,45	7,83	2,47	8,38	2,52	8,74	2,56
	46,0	6,69	2,47	7,05	2,50	7,42	2,54	7,60	2,56	8,15	2,61	8,52	2,65
2.0+2.0+2.0+3.5	22,0	9,01	2,01	9,42	2,05	9,82	2,10	10,02	2,12	10,63	2,19	11,03	2,23
	25,0	8,77	2,09	9,17	2,14	9,58	2,18	9,78	2,20	10,38	2,27	10,79	2,32
	32,0	8,19	2,30	8,60	2,35	9,00	2,39	9,21	2,41	9,81	2,48	10,22	2,53
	35,0	7,95	2,40	8,35	2,45	8,76	2,49	8,96	2,51	9,57	2,58	9,97	2,63
	40,0	7,54	2,57	7,94	2,62	8,35	2,66	8,55	2,69	9,16	2,75	9,56	2,80
	43,0	7,29	2,68	7,70	2,73	8,10	2,77	8,31	2,80	8,91	2,86	9,32	2,91
	46,0	7,02	2,72	7,39	2,72	7,76	2,72	7,94	2,72	8,47	2,72	8,82	2,72
2.0+2.0+2.0+4.2	22,0	9,35	2,37	9,76	2,41	10,16	2,46	10,36	2,48	10,97	2,55	11,37	2,59
	25,0	9,11	2,45	9,51	2,50	9,92	2,54	10,12	2,56	10,72	2,63	11,13	2,68
	32,0	8,53	2,66	8,94	2,71	9,34	2,75	9,55	2,77	10,15	2,84	10,56	2,89
	35,0	8,29	2,76	8,69	2,81	9,10	2,85	9,30	2,87	9,91	2,94	10,31	2,99
	40,0	7,88	2,93	8,28	2,98	8,69	3,02	8,89	3,05	9,50	3,11	9,90	3,16
	43,0	7,63	3,04	8,04	3,09	8,44	3,13	8,65	3,16	9,25	3,22	9,66	3,27
	46,0	7,36	3,08	7,73	3,08	8,10	3,08	8,28	3,08	8,81	3,08	9,16	3,08
2.0+2.0+2.0+5.0	22,0	9,54	2,31	9,97	2,36	10,40	2,41	10,62	2,44	11,26	2,52	11,69	2,57
	25,0	9,28	2,41	9,71	2,46	10,14	2,51	10,36	2,54	11,00	2,61	11,43	2,67
	32,0	8,68	2,65	9,11	2,70	9,54	2,75	9,75	2,78	10,39	2,86	10,82	2,91
	35,0	8,42	2,76	8,85	2,82	9,28	2,87	9,49	2,89	10,13	2,97	10,56	3,02
	40,0	7,99	2,96	8,41	3,02	8,84	3,07	9,06	3,09	9,70	3,17	10,13	3,22
	43,0	7,73	3,09	8,15	3,14	8,58	3,19	8,80	3,22	9,42	3,24	9,82	3,24
	46,0	7,35	2,67	7,71	2,67	8,07	2,67	8,24	2,67	8,76	2,67	9,09	2,67
2.0+2.0+2.0+6.0	22,0	10,06	2,43	10,49	2,48	10,92	2,53	11,14	2,56	11,78	2,64	12,21	2,69
	25,0	9,80	2,53	10,23	2,58	10,66	2,63	10,88	2,66	11,52	2,73	11,95	2,79
	32,0	9,20	2,77	9,63	2,82	10,06	2,87	10,27	2,90	10,91	2,98	11,34	3,03
	35,0	8,94	2,88	9,37	2,94	9,80	2,99	10,01	3,01	10,65	3,09	11,08	3,14
	40,0	8,51	3,08	8,93	3,14	9,36	3,19	9,58	3,21	10,22	3,29	10,65	3,34
	43,0	8,25	3,21	8,67	3,26	9,10	3,31	9,32	3,34	9,94	3,36	10,34	3,36
	46,0	7,87	2,79	8,23	2,79	8,59	2,79	8,76	2,79	9,28	2,79	9,61	2,79

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104123

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+7.1	22,0	10,21	2,50	10,64	2,55	11,07	2,60	11,29	2,63	11,93	2,71	12,36	2,76
	25,0	9,95	2,60	10,38	2,65	10,81	2,70	11,03	2,73	11,67	2,80	12,10	2,86
	32,0	9,35	2,84	9,78	2,89	10,21	2,94	10,42	2,97	11,06	3,05	11,49	3,10
	35,0	9,09	2,95	9,52	3,01	9,95	3,06	10,16	3,08	10,80	3,16	11,23	3,21
	40,0	8,66	3,15	9,08	3,21	9,51	3,26	9,73	3,28	10,37	3,36	10,80	3,41
	43,0	8,40	3,28	8,82	3,33	9,25	3,38	9,47	3,41	10,09	3,43	10,49	3,43
	46,0	8,02	2,86	8,38	2,86	8,74	2,86	8,91	2,86	9,43	2,86	9,76	2,86
2.0+2.0+2.5+2.5	22,0	8,75	1,98	9,11	2,01	9,48	2,05	9,66	2,07	10,21	2,13	10,58	2,16
	25,0	8,52	2,05	8,89	2,08	9,26	2,12	9,44	2,14	9,99	2,19	10,36	2,23
	32,0	8,01	2,22	8,37	2,26	8,74	2,29	8,92	2,31	9,47	2,37	9,84	2,40
	35,0	7,78	2,30	8,15	2,34	8,52	2,37	8,70	2,39	9,25	2,45	9,62	2,49
	40,0	7,41	2,44	7,78	2,48	8,15	2,52	8,33	2,53	8,88	2,59	9,25	2,63
	43,0	7,19	2,53	7,56	2,57	7,92	2,61	8,11	2,63	8,66	2,68	9,02	2,72
	46,0	6,97	2,63	7,33	2,66	7,70	2,70	7,88	2,72	8,43	2,77	8,80	2,81
2.0+2.0+2.5+3.5	22,0	9,26	2,37	9,67	2,41	10,07	2,46	10,27	2,48	10,88	2,55	11,28	2,59
	25,0	9,02	2,45	9,42	2,50	9,83	2,54	10,03	2,56	10,63	2,63	11,04	2,68
	32,0	8,44	2,66	8,85	2,71	9,25	2,75	9,46	2,77	10,06	2,84	10,47	2,89
	35,0	8,20	2,76	8,60	2,81	9,01	2,85	9,21	2,87	9,82	2,94	10,22	2,99
	40,0	7,79	2,93	8,19	2,98	8,60	3,02	8,80	3,05	9,41	3,11	9,81	3,16
	43,0	7,54	3,04	7,95	3,09	8,35	3,13	8,56	3,16	9,16	3,22	9,57	3,27
	46,0	7,27	3,08	7,64	3,08	8,01	3,08	8,19	3,08	8,72	3,08	9,07	3,08
2.0+2.0+2.5+4.2	22,0	9,36	2,37	9,77	2,41	10,17	2,46	10,37	2,48	10,98	2,55	11,38	2,59
	25,0	9,12	2,45	9,52	2,50	9,93	2,54	10,13	2,56	10,73	2,63	11,14	2,68
	32,0	8,54	2,66	8,95	2,71	9,35	2,75	9,56	2,77	10,16	2,84	10,57	2,89
	35,0	8,30	2,76	8,70	2,81	9,11	2,85	9,31	2,87	9,92	2,94	10,32	2,99
	40,0	7,89	2,93	8,29	2,98	8,70	3,02	8,90	3,05	9,51	3,11	9,91	3,16
	43,0	7,64	3,04	8,05	3,09	8,45	3,13	8,66	3,16	9,26	3,22	9,67	3,27
	46,0	7,37	3,08	7,74	3,08	8,11	3,08	8,29	3,08	8,82	3,08	9,17	3,08
2.0+2.0+2.5+5.0	22,0	9,73	2,44	10,16	2,49	10,59	2,54	10,81	2,57	11,45	2,65	11,88	2,70
	25,0	9,47	2,54	9,90	2,59	10,33	2,64	10,55	2,67	11,19	2,74	11,62	2,80
	32,0	8,87	2,78	9,30	2,83	9,73	2,88	9,94	2,91	10,58	2,99	11,01	3,04
	35,0	8,61	2,89	9,04	2,95	9,47	3,00	9,68	3,02	10,32	3,10	10,75	3,15
	40,0	8,18	3,09	8,60	3,15	9,03	3,20	9,25	3,22	9,89	3,30	10,32	3,35
	43,0	7,92	3,22	8,34	3,27	8,77	3,32	8,99	3,35	9,61	3,37	10,01	3,37
	46,0	7,54	2,80	7,90	2,80	8,26	2,80	8,43	2,80	8,95	2,80	9,28	2,80
2.0+2.0+2.5+6.0	22,0	10,19	2,50	10,62	2,55	11,05	2,60	11,27	2,63	11,91	2,71	12,34	2,76
	25,0	9,93	2,60	10,36	2,65	10,79	2,70	11,01	2,73	11,65	2,80	12,08	2,86
	32,0	9,33	2,84	9,76	2,89	10,19	2,94	10,40	2,97	11,04	3,05	11,47	3,10
	35,0	9,07	2,95	9,50	3,01	9,93	3,06	10,14	3,08	10,78	3,16	11,21	3,21
	40,0	8,64	3,15	9,06	3,21	9,49	3,26	9,71	3,28	10,35	3,36	10,78	3,41
	43,0	8,38	3,28	8,80	3,33	9,23	3,38	9,45	3,41	10,07	3,43	10,47	3,43
	46,0	8,00	2,86	8,36	2,86	8,72	2,86	8,89	2,86	9,41	2,86	9,74	2,86

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.5+7.1	22,0	10,21	2,50	10,64	2,55	11,07	2,60	11,29	2,63	11,93	2,71	12,36	2,76
	25,0	9,95	2,60	10,38	2,65	10,81	2,70	11,03	2,73	11,67	2,80	12,10	2,86
	32,0	9,35	2,84	9,78	2,89	10,21	2,94	10,42	2,97	11,06	3,05	11,49	3,10
	35,0	9,09	2,95	9,52	3,01	9,95	3,06	10,16	3,08	10,80	3,16	11,23	3,21
	40,0	8,66	3,15	9,08	3,21	9,51	3,26	9,73	3,28	10,37	3,36	10,80	3,41
	43,0	8,40	3,28	8,82	3,33	9,25	3,38	9,47	3,41	10,09	3,43	10,49	3,43
	46,0	8,02	2,86	8,38	2,86	8,74	2,86	8,91	2,86	9,43	2,86	9,76	2,86
2.0+2.0+3.5+3.5	22,0	9,36	2,30	9,78	2,35	10,20	2,40	10,42	2,43	11,05	2,50	11,47	2,55
	25,0	9,11	2,39	9,53	2,44	9,95	2,49	10,16	2,52	10,79	2,60	11,21	2,65
	32,0	8,51	2,63	8,93	2,68	9,35	2,74	9,57	2,76	10,20	2,84	10,62	2,89
	35,0	8,26	2,74	8,68	2,80	9,10	2,85	9,31	2,87	9,94	2,95	10,36	3,00
	40,0	7,83	2,94	8,25	2,99	8,67	3,05	8,88	3,07	9,52	3,15	9,94	3,20
	43,0	7,58	3,07	8,00	3,12	8,42	3,17	8,63	3,20	9,25	3,25	9,65	3,25
	46,0	7,22	2,68	7,58	2,68	7,94	2,68	8,11	2,68	8,62	2,68	8,95	2,68
2.0+2.0+3.5+4.2	22,0	9,56	2,42	9,98	2,47	10,40	2,52	10,62	2,55	11,25	2,62	11,67	2,67
	25,0	9,31	2,51	9,73	2,56	10,15	2,61	10,36	2,64	10,99	2,72	11,41	2,77
	32,0	8,71	2,75	9,13	2,80	9,55	2,86	9,77	2,88	10,40	2,96	10,82	3,01
	35,0	8,46	2,86	8,88	2,92	9,30	2,97	9,51	2,99	10,14	3,07	10,56	3,12
	40,0	8,03	3,06	8,45	3,11	8,87	3,17	9,08	3,19	9,72	3,27	10,14	3,32
	43,0	7,78	3,19	8,20	3,24	8,62	3,29	8,83	3,32	9,45	3,37	9,85	3,37
	46,0	7,42	2,80	7,78	2,80	8,14	2,80	8,31	2,80	8,82	2,80	9,15	2,80
2.0+2.0+3.5+5.0	22,0	9,74	2,42	10,17	2,47	10,61	2,52	10,83	2,55	11,48	2,63	11,92	2,69
	25,0	9,47	2,52	9,91	2,57	10,35	2,62	10,56	2,65	11,22	2,73	11,66	2,79
	32,0	8,85	2,77	9,29	2,82	9,73	2,88	9,95	2,91	10,60	2,99	11,04	3,04
	35,0	8,59	2,89	9,02	2,94	9,46	3,00	9,68	3,02	10,34	3,10	10,77	3,16
	40,0	8,15	3,10	8,58	3,15	9,02	3,20	9,24	3,23	9,89	3,31	10,33	3,37
	43,0	7,88	3,23	8,31	3,23	8,74	3,23	8,95	3,23	9,56	3,23	9,96	3,23
	46,0	7,49	2,66	7,86	2,66	8,21	2,66	8,39	2,66	8,90	2,66	9,23	2,66
2.0+2.0+3.5+6.0	22,0	10,21	2,48	10,64	2,53	11,08	2,58	11,30	2,61	11,95	2,69	12,39	2,75
	25,0	9,94	2,58	10,38	2,63	10,82	2,68	11,03	2,71	11,69	2,79	12,13	2,85
	32,0	9,32	2,83	9,76	2,88	10,20	2,94	10,42	2,97	11,07	3,05	11,51	3,10
	35,0	9,06	2,95	9,49	3,00	9,93	3,06	10,15	3,08	10,81	3,16	11,24	3,22
	40,0	8,62	3,16	9,05	3,21	9,49	3,26	9,71	3,29	10,36	3,37	10,80	3,43
	43,0	8,35	3,29	8,78	3,29	9,21	3,29	9,42	3,29	10,03	3,29	10,43	3,29
	46,0	7,96	2,72	8,33	2,72	8,68	2,72	8,86	2,72	9,37	2,72	9,70	2,72
2.0+2.0+3.5+7.1	22,0	10,23	2,48	10,66	2,53	11,10	2,58	11,32	2,61	11,97	2,69	12,41	2,75
	25,0	9,96	2,58	10,40	2,63	10,84	2,68	11,05	2,71	11,71	2,79	12,15	2,85
	32,0	9,34	2,83	9,78	2,88	10,22	2,94	10,44	2,97	11,09	3,05	11,53	3,10
	35,0	9,08	2,95	9,51	3,00	9,95	3,06	10,17	3,08	10,83	3,16	11,26	3,22
	40,0	8,64	3,16	9,07	3,21	9,51	3,26	9,73	3,29	10,38	3,37	10,82	3,43
	43,0	8,37	3,29	8,80	3,29	9,23	3,29	9,44	3,29	10,05	3,29	10,45	3,29
	46,0	7,98	2,72	8,35	2,72	8,70	2,72	8,88	2,72	9,39	2,72	9,72	2,72

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104125

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+4.2+4.2	22,0	9,57	2,42	9,99	2,47	10,41	2,52	10,63	2,55	11,26	2,62	11,68	2,67
	25,0	9,32	2,51	9,74	2,56	10,16	2,61	10,37	2,64	11,00	2,72	11,42	2,77
	32,0	8,72	2,75	9,14	2,80	9,56	2,86	9,78	2,88	10,41	2,96	10,83	3,01
	35,0	8,47	2,86	8,89	2,92	9,31	2,97	9,52	2,99	10,15	3,07	10,57	3,12
	40,0	8,04	3,06	8,46	3,11	8,88	3,17	9,09	3,19	9,73	3,27	10,15	3,32
	43,0	7,79	3,19	8,21	3,24	8,63	3,29	8,84	3,32	9,46	3,37	9,86	3,37
	46,0	7,43	2,80	7,79	2,80	8,15	2,80	8,32	2,80	8,83	2,80	9,16	2,80
2.0+2.0+4.2+5.0	22,0	9,75	2,42	10,18	2,47	10,62	2,52	10,84	2,55	11,49	2,63	11,93	2,69
	25,0	9,48	2,52	9,92	2,57	10,36	2,62	10,57	2,65	11,23	2,73	11,67	2,79
	32,0	8,86	2,77	9,30	2,82	9,74	2,88	9,96	2,91	10,61	2,99	11,05	3,04
	35,0	8,60	2,89	9,03	2,94	9,47	3,00	9,69	3,02	10,35	3,10	10,78	3,16
	40,0	8,16	3,10	8,59	3,15	9,03	3,20	9,25	3,23	9,90	3,31	10,34	3,37
	43,0	7,89	3,23	8,32	3,23	8,75	3,23	8,96	3,23	9,57	3,23	9,97	3,23
	46,0	7,50	2,66	7,87	2,66	8,22	2,66	8,40	2,66	8,91	2,66	9,24	2,66
2.0+2.0+4.2+6.0	22,0	10,22	2,48	10,65	2,53	11,09	2,58	11,31	2,61	11,96	2,69	12,40	2,75
	25,0	9,95	2,58	10,39	2,63	10,83	2,68	11,04	2,71	11,70	2,79	12,14	2,85
	32,0	9,33	2,83	9,77	2,88	10,21	2,94	10,43	2,97	11,08	3,05	11,52	3,10
	35,0	9,07	2,95	9,50	3,00	9,94	3,06	10,16	3,08	10,82	3,16	11,25	3,22
	40,0	8,63	3,16	9,06	3,21	9,50	3,26	9,72	3,29	10,37	3,37	10,81	3,43
	43,0	8,36	3,29	8,79	3,29	9,22	3,29	9,43	3,29	10,04	3,29	10,44	3,29
	46,0	7,97	2,72	8,34	2,72	8,69	2,72	8,87	2,72	9,38	2,72	9,71	2,72
2.0+2.0+4.2+7.1	22,0	10,74	2,97	11,17	3,02	11,61	3,07	11,83	3,10	12,48	3,18	12,92	3,24
	25,0	10,47	3,07	10,91	3,12	11,35	3,17	11,56	3,20	12,22	3,28	12,66	3,34
	32,0	9,85	3,32	10,29	3,37	10,73	3,43	10,95	3,46	11,60	3,54	12,04	3,59
	35,0	9,59	3,44	10,02	3,49	10,46	3,55	10,68	3,57	11,34	3,65	11,77	3,71
	40,0	9,15	3,65	9,58	3,70	10,02	3,75	10,24	3,78	10,89	3,86	11,33	3,92
	43,0	8,88	3,78	9,31	3,78	9,74	3,78	9,95	3,78	10,56	3,78	10,96	3,78
	46,0	8,49	3,21	8,86	3,21	9,21	3,21	9,39	3,21	9,90	3,21	10,23	3,21
2.0+2.0+5.0+5.0	22,0	9,93	2,43	10,37	2,49	10,82	2,54	11,04	2,57	11,71	2,65	12,16	2,70
	25,0	9,66	2,53	10,10	2,59	10,55	2,64	10,77	2,67	11,44	2,75	11,89	2,81
	32,0	9,03	2,79	9,47	2,84	9,92	2,90	10,14	2,92	10,81	3,01	11,26	3,06
	35,0	8,76	2,91	9,20	2,96	9,65	3,02	9,87	3,04	10,54	3,13	10,98	3,18
	40,0	8,30	3,12	8,75	3,17	9,20	3,23	9,42	3,25	10,09	3,34	10,53	3,37
	43,0	8,03	3,22	8,47	3,22	8,90	3,22	9,01	3,22	9,73	3,22	10,13	3,22
	46,0	7,62	2,65	7,99	2,65	8,35	2,65	8,52	2,65	9,04	2,65	9,38	2,65
2.0+2.0+5.0+6.0	22,0	10,72	2,84	11,16	2,90	11,61	2,95	11,83	2,98	12,50	3,06	12,95	3,11
	25,0	10,45	2,94	10,89	3,00	11,34	3,05	11,56	3,08	12,23	3,16	12,68	3,22
	32,0	9,82	3,20	10,26	3,25	10,71	3,31	10,93	3,33	11,60	3,42	12,05	3,47
	35,0	9,55	3,32	9,99	3,37	10,44	3,43	10,66	3,45	11,33	3,54	11,77	3,59
	40,0	9,09	3,53	9,54	3,58	9,99	3,64	10,21	3,66	10,88	3,75	11,32	3,78
	43,0	8,82	3,63	9,26	3,63	9,69	3,63	9,80	3,63	10,52	3,63	10,92	3,63
	46,0	8,41	3,06	8,78	3,06	9,14	3,06	9,31	3,06	9,83	3,06	10,17	3,06

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+2.5+2.5	22,0	9,01	2,10	9,37	2,13	9,74	2,17	9,92	2,19	10,47	2,25	10,84	2,28
	25,0	8,78	2,17	9,15	2,20	9,52	2,24	9,70	2,26	10,25	2,31	10,62	2,35
	32,0	8,27	2,34	8,63	2,38	9,00	2,41	9,18	2,43	9,73	2,49	10,10	2,52
	35,0	8,04	2,42	8,41	2,46	8,78	2,49	8,96	2,51	9,51	2,57	9,88	2,61
	40,0	7,67	2,56	8,04	2,60	8,41	2,64	8,59	2,65	9,14	2,71	9,51	2,75
	43,0	7,45	2,65	7,82	2,69	8,18	2,73	8,37	2,75	8,92	2,80	9,28	2,84
	46,0	7,23	2,75	7,59	2,78	7,96	2,82	8,14	2,84	8,69	2,89	9,06	2,93
2.0+2.5+2.5+3.5	22,0	9,35	2,37	9,76	2,41	10,16	2,46	10,36	2,48	10,97	2,55	11,37	2,59
	25,0	9,11	2,45	9,51	2,50	9,92	2,54	10,12	2,56	10,72	2,63	11,13	2,68
	32,0	8,53	2,66	8,94	2,71	9,34	2,75	9,55	2,77	10,15	2,84	10,56	2,89
	35,0	8,29	2,76	8,69	2,81	9,10	2,85	9,30	2,87	9,91	2,94	10,31	2,99
	40,0	7,88	2,93	8,28	2,98	8,69	3,02	8,89	3,05	9,50	3,11	9,90	3,16
	43,0	7,63	3,04	8,04	3,09	8,44	3,13	8,65	3,16	9,25	3,22	9,66	3,27
	46,0	7,36	3,08	7,73	3,08	8,10	3,08	8,28	3,08	8,81	3,08	9,16	3,08
2.0+2.5+2.5+4.2	22,0	9,55	2,49	9,96	2,53	10,36	2,58	10,56	2,60	11,17	2,67	11,57	2,71
	25,0	9,31	2,57	9,71	2,62	10,12	2,66	10,32	2,68	10,92	2,75	11,33	2,80
	32,0	8,73	2,78	9,14	2,83	9,54	2,87	9,75	2,89	10,35	2,96	10,76	3,01
	35,0	8,49	2,88	8,89	2,93	9,30	2,97	9,50	2,99	10,11	3,06	10,51	3,11
	40,0	8,08	3,05	8,48	3,10	8,89	3,14	9,09	3,17	9,70	3,23	10,10	3,28
	43,0	7,83	3,16	8,24	3,21	8,64	3,25	8,85	3,28	9,45	3,34	9,86	3,39
	46,0	7,56	3,20	7,93	3,20	8,30	3,20	8,48	3,20	9,01	3,20	9,36	3,20
2.0+2.5+2.5+5.0	22,0	9,73	2,44	10,16	2,49	10,59	2,54	10,81	2,57	11,45	2,65	11,88	2,70
	25,0	9,47	2,54	9,90	2,59	10,33	2,64	10,55	2,67	11,19	2,74	11,62	2,80
	32,0	8,87	2,78	9,30	2,83	9,73	2,88	9,94	2,91	10,58	2,99	11,01	3,04
	35,0	8,61	2,89	9,04	2,95	9,47	3,00	9,68	3,02	10,32	3,10	10,75	3,15
	40,0	8,18	3,09	8,60	3,15	9,03	3,20	9,25	3,22	9,89	3,30	10,32	3,35
	43,0	7,92	3,22	8,34	3,27	8,77	3,32	8,99	3,35	9,61	3,37	10,01	3,37
	46,0	7,54	2,80	7,90	2,80	8,26	2,80	8,43	2,80	8,95	2,80	9,28	2,80
2.0+2.5+2.5+6.0	22,0	10,19	2,50	10,62	2,55	11,05	2,60	11,27	2,63	11,91	2,71	12,34	2,76
	25,0	9,93	2,60	10,36	2,65	10,79	2,70	11,01	2,73	11,65	2,80	12,08	2,86
	32,0	9,33	2,84	9,76	2,89	10,19	2,94	10,40	2,97	11,04	3,05	11,47	3,10
	35,0	9,07	2,95	9,50	3,01	9,93	3,06	10,14	3,08	10,78	3,16	11,21	3,21
	40,0	8,64	3,15	9,06	3,21	9,49	3,26	9,71	3,28	10,35	3,36	10,78	3,41
	43,0	8,38	3,28	8,80	3,33	9,23	3,38	9,45	3,41	10,07	3,43	10,47	3,43
	46,0	8,00	2,86	8,36	2,86	8,72	2,86	8,89	2,86	9,41	2,86	9,74	2,86
2.0+2.5+2.5+7.1	22,0	10,21	2,50	10,64	2,55	11,07	2,60	11,29	2,63	11,93	2,71	12,36	2,76
	25,0	9,95	2,60	10,38	2,65	10,81	2,70	11,03	2,73	11,67	2,80	12,10	2,86
	32,0	9,35	2,84	9,78	2,89	10,21	2,94	10,42	2,97	11,06	3,05	11,49	3,10
	35,0	9,09	2,95	9,52	3,01	9,95	3,06	10,16	3,08	10,80	3,16	11,23	3,21
	40,0	8,66	3,15	9,08	3,21	9,51	3,26	9,73	3,28	10,37	3,36	10,80	3,41
	43,0	8,40	3,28	8,82	3,33	9,25	3,38	9,47	3,41	10,09	3,43	10,49	3,43
	46,0	8,02	2,86	8,38	2,86	8,74	2,86	8,91	2,86	9,43	2,86	9,76	2,86

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104126

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+3.5+3.5	22,0	9,55	2,42	9,97	2,47	10,39	2,52	10,61	2,55	11,24	2,62	11,66	2,67
	25,0	9,30	2,51	9,72	2,56	10,14	2,61	10,35	2,64	10,98	2,72	11,40	2,77
	32,0	8,70	2,75	9,12	2,80	9,54	2,86	9,76	2,88	10,39	2,96	10,81	3,01
	35,0	8,45	2,86	8,87	2,92	9,29	2,97	9,50	2,99	10,13	3,07	10,55	3,12
	40,0	8,02	3,06	8,44	3,11	8,86	3,17	9,07	3,19	9,71	3,27	10,13	3,32
	43,0	7,77	3,19	8,19	3,24	8,61	3,29	8,82	3,32	9,44	3,37	9,84	3,37
	46,0	7,41	2,80	7,77	2,80	8,13	2,80	8,30	2,80	8,81	2,80	9,14	2,80
2.0+2.5+3.5+4.2	22,0	9,56	2,42	9,98	2,47	10,40	2,52	10,62	2,55	11,25	2,62	11,67	2,67
	25,0	9,31	2,51	9,73	2,56	10,15	2,61	10,36	2,64	10,99	2,72	11,41	2,77
	32,0	8,71	2,75	9,13	2,80	9,55	2,86	9,77	2,88	10,40	2,96	10,82	3,01
	35,0	8,46	2,86	8,88	2,92	9,30	2,97	9,51	2,99	10,14	3,07	10,56	3,12
	40,0	8,03	3,06	8,45	3,11	8,87	3,17	9,08	3,19	9,72	3,27	10,14	3,32
	43,0	7,78	3,19	8,20	3,24	8,62	3,29	8,83	3,32	9,45	3,37	9,85	3,37
	46,0	7,42	2,80	7,78	2,80	8,14	2,80	8,31	2,80	8,82	2,80	9,15	2,80
2.0+2.5+3.5+5.0	22,0	9,74	2,42	10,17	2,47	10,61	2,52	10,83	2,55	11,48	2,63	11,92	2,69
	25,0	9,47	2,52	9,91	2,57	10,35	2,62	10,56	2,65	11,22	2,73	11,66	2,79
	32,0	8,85	2,77	9,29	2,82	9,73	2,88	9,95	2,91	10,60	2,99	11,04	3,04
	35,0	8,59	2,89	9,02	2,94	9,46	3,00	9,68	3,02	10,34	3,10	10,77	3,16
	40,0	8,15	3,10	8,58	3,15	9,02	3,20	9,24	3,23	9,89	3,31	10,33	3,37
	43,0	7,88	3,23	8,31	3,23	8,74	3,23	8,95	3,23	9,56	3,23	9,96	3,23
	46,0	7,49	2,66	7,86	2,66	8,21	2,66	8,39	2,66	8,90	2,66	9,23	2,66
2.0+2.5+3.5+6.0	22,0	10,21	2,48	10,64	2,53	11,08	2,58	11,30	2,61	11,95	2,69	12,39	2,75
	25,0	9,94	2,58	10,38	2,63	10,82	2,68	11,03	2,71	11,69	2,79	12,13	2,85
	32,0	9,32	2,83	9,76	2,88	10,20	2,94	10,42	2,97	11,07	3,05	11,51	3,10
	35,0	9,06	2,95	9,49	3,00	9,93	3,06	10,15	3,08	10,81	3,16	11,24	3,22
	40,0	8,62	3,16	9,05	3,21	9,49	3,26	9,71	3,29	10,36	3,37	10,80	3,43
	43,0	8,35	3,29	8,78	3,29	9,21	3,29	9,42	3,29	10,03	3,29	10,43	3,29
	46,0	7,96	2,72	8,33	2,72	8,68	2,72	8,86	2,72	9,37	2,72	9,70	2,72
2.0+2.5+3.5+7.1	22,0	10,69	2,97	11,12	3,02	11,56	3,07	11,78	3,10	12,43	3,18	12,87	3,24
	25,0	10,42	3,07	10,86	3,12	11,30	3,17	11,51	3,20	12,17	3,28	12,61	3,34
	32,0	9,80	3,32	10,24	3,37	10,68	3,43	10,90	3,46	11,55	3,54	11,99	3,59
	35,0	9,54	3,44	9,97	3,49	10,41	3,55	10,63	3,57	11,29	3,65	11,72	3,71
	40,0	9,10	3,65	9,53	3,70	9,97	3,75	10,19	3,78	10,84	3,86	11,28	3,92
	43,0	8,83	3,78	9,26	3,78	9,69	3,78	9,90	3,78	10,51	3,78	10,91	3,78
	46,0	8,44	3,21	8,81	3,21	9,16	3,21	9,34	3,21	9,85	3,21	10,18	3,21
2.0+2.5+4.2+4.2	22,0	9,57	2,42	9,99	2,47	10,41	2,52	10,63	2,55	11,26	2,62	11,68	2,67
	25,0	9,32	2,51	9,74	2,56	10,16	2,61	10,37	2,64	11,00	2,72	11,42	2,77
	32,0	8,72	2,75	9,14	2,80	9,56	2,86	9,78	2,88	10,41	2,96	10,83	3,01
	35,0	8,47	2,86	8,89	2,92	9,31	2,97	9,52	2,99	10,15	3,07	10,57	3,12
	40,0	8,04	3,06	8,46	3,11	8,88	3,17	9,09	3,19	9,73	3,27	10,15	3,32
	43,0	7,79	3,19	8,21	3,24	8,63	3,29	8,84	3,32	9,46	3,37	9,86	3,37
	46,0	7,43	2,80	7,79	2,80	8,15	2,80	8,32	2,80	8,83	2,80	9,16	2,80

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+4.2+5.0	22,0	9,75	2,42	10,18	2,47	10,62	2,52	10,84	2,55	11,49	2,63	11,93	2,69
	25,0	9,48	2,52	9,92	2,57	10,36	2,62	10,57	2,65	11,23	2,73	11,67	2,79
	32,0	8,86	2,77	9,30	2,82	9,74	2,88	9,96	2,91	10,61	2,99	11,05	3,04
	35,0	8,60	2,89	9,03	2,94	9,47	3,00	9,69	3,02	10,35	3,10	10,78	3,16
	40,0	8,16	3,10	8,59	3,15	9,03	3,20	9,25	3,23	9,90	3,31	10,34	3,37
	43,0	7,89	3,23	8,32	3,23	8,75	3,23	8,96	3,23	9,57	3,23	9,97	3,23
	46,0	7,50	2,66	7,87	2,66	8,22	2,66	8,40	2,66	8,91	2,66	9,24	2,66
2.0+2.5+4.2+6.0	22,0	10,68	2,96	11,11	3,01	11,55	3,06	11,77	3,09	12,42	3,17	12,86	3,23
	25,0	10,41	3,06	10,85	3,11	11,29	3,16	11,50	3,19	12,16	3,27	12,60	3,33
	32,0	9,79	3,31	10,23	3,36	10,67	3,42	10,89	3,45	11,54	3,53	11,98	3,58
	35,0	9,53	3,43	9,96	3,48	10,40	3,54	10,62	3,56	11,28	3,64	11,71	3,70
	40,0	9,09	3,64	9,52	3,69	9,96	3,74	10,18	3,77	10,83	3,85	11,27	3,91
	43,0	8,82	3,77	9,25	3,77	9,68	3,77	9,89	3,77	10,50	3,77	10,90	3,77
	46,0	8,43	3,20	8,80	3,20	9,15	3,20	9,33	3,20	9,84	3,20	10,17	3,20
2.0+2.5+5.0+5.0	22,0	9,93	2,43	10,37	2,49	10,82	2,54	11,04	2,57	11,71	2,65	12,16	2,70
	25,0	9,66	2,53	10,10	2,59	10,55	2,64	10,77	2,67	11,44	2,75	11,89	2,81
	32,0	9,03	2,79	9,47	2,84	9,92	2,90	10,14	2,92	10,81	3,01	11,26	3,06
	35,0	8,76	2,91	9,20	2,96	9,65	3,02	9,87	3,04	10,54	3,13	10,98	3,18
	40,0	8,30	3,12	8,75	3,17	9,20	3,23	9,42	3,25	10,09	3,34	10,53	3,37
	43,0	8,03	3,22	8,47	3,22	8,90	3,22	9,01	3,22	9,73	3,22	10,13	3,22
	46,0	7,62	2,65	7,99	2,65	8,35	2,65	8,52	2,65	9,04	2,65	9,38	2,65
2.0+2.5+5.0+6.0	22,0	10,76	2,91	11,20	2,97	11,65	3,02	11,87	3,05	12,54	3,13	12,99	3,18
	25,0	10,49	3,01	10,93	3,07	11,38	3,12	11,60	3,15	12,27	3,23	12,72	3,29
	32,0	9,86	3,27	10,30	3,32	10,75	3,38	10,97	3,40	11,64	3,49	12,09	3,54
	35,0	9,59	3,39	10,03	3,44	10,48	3,50	10,70	3,52	11,37	3,61	11,81	3,66
	40,0	9,13	3,60	9,58	3,65	10,03	3,71	10,25	3,73	10,92	3,82	11,36	3,85
	43,0	8,86	3,70	9,30	3,70	9,73	3,70	9,84	3,70	10,56	3,70	10,96	3,70
	46,0	8,45	3,13	8,82	3,13	9,18	3,13	9,35	3,13	9,87	3,13	10,21	3,13
2.0+3.5+3.5+3.5	22,0	9,56	2,39	9,99	2,45	10,42	2,50	10,64	2,53	11,28	2,61	11,71	2,66
	25,0	9,30	2,49	9,73	2,54	10,16	2,60	10,38	2,62	11,02	2,71	11,45	2,76
	32,0	8,70	2,74	9,13	2,80	9,56	2,85	9,77	2,88	10,41	2,96	10,84	3,01
	35,0	8,44	2,86	8,87	2,91	9,30	2,97	9,51	2,99	9,85	3,07	10,58	3,13
	40,0	8,00	3,07	8,43	3,12	8,86	3,17	9,08	3,20	9,72	3,28	10,15	3,33
	43,0	7,74	3,20	8,17	3,23	8,59	3,23	8,80	3,23	9,40	3,23	9,80	3,23
	46,0	7,38	2,66	7,74	2,66	8,09	2,66	8,26	2,66	8,77	2,66	9,10	2,66
2.0+3.5+3.5+4.2	22,0	9,57	2,39	10,00	2,45	10,43	2,50	10,65	2,53	11,29	2,61	11,72	2,66
	25,0	9,31	2,49	9,74	2,54	10,17	2,60	10,39	2,62	11,03	2,71	11,46	2,76
	32,0	8,71	2,74	9,14	2,80	9,57	2,85	9,78	2,88	10,42	2,96	10,85	3,01
	35,0	8,45	2,86	8,88	2,91	9,31	2,97	9,52	2,99	9,86	3,07	10,59	3,13
	40,0	8,01	3,07	8,44	3,12	8,87	3,17	9,09	3,20	9,73	3,28	10,16	3,33
	43,0	7,75	3,20	8,18	3,23	8,60	3,23	8,81	3,23	9,41	3,23	9,81	3,23
	46,0	7,39	2,66	7,75	2,66	8,10	2,66	8,27	2,66	8,78	2,66	9,11	2,66

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104127

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+3.5+3.5+5.0	22,0	9,75	2,42	10,18	2,47	10,62	2,52	10,84	2,55	11,50	2,63	11,93	2,69
	25,0	9,48	2,52	9,92	2,57	10,36	2,62	10,57	2,65	11,23	2,73	11,67	2,79
	32,0	8,86	2,77	9,30	2,82	9,74	2,88	9,96	2,91	10,61	2,99	10,85	3,04
	35,0	8,60	2,89	9,03	2,94	9,47	3,00	9,69	3,02	10,35	3,10	10,78	3,16
	40,0	8,15	3,10	8,59	3,15	9,03	3,20	9,25	3,23	9,90	3,31	10,34	3,37
	43,0	7,89	3,23	8,32	3,23	8,75	3,23	8,95	3,23	9,57	3,23	9,97	3,23
	46,0	7,50	2,66	7,86	2,66	8,22	2,66	8,39	2,66	8,91	2,66	9,24	2,66
2.0+3.5+3.5+6.0	22,0	10,67	2,97	11,10	3,02	11,54	3,07	11,76	3,10	12,42	3,18	12,85	3,24
	25,0	10,40	3,07	10,84	3,12	11,28	3,17	11,49	3,20	12,15	3,28	12,59	3,34
	32,0	9,78	3,32	10,22	3,37	10,66	3,43	10,88	3,46	11,53	3,54	11,77	3,59
	35,0	9,52	3,44	9,95	3,49	10,39	3,55	10,61	3,57	11,27	3,65	11,70	3,71
	40,0	9,07	3,65	9,51	3,70	9,95	3,75	10,17	3,78	10,82	3,86	11,26	3,92
	43,0	8,81	3,78	9,24	3,78	9,67	3,78	9,87	3,78	10,49	3,78	10,89	3,78
	46,0	8,42	3,21	8,78	3,21	9,14	3,21	9,31	3,21	9,83	3,21	10,16	3,21
2.0+3.5+4.2+4.2	22,0	9,57	2,40	10,00	2,46	10,43	2,51	10,65	2,54	11,29	2,62	11,72	2,67
	25,0	9,31	2,50	9,74	2,55	10,17	2,61	10,39	2,63	11,03	2,72	11,46	2,77
	32,0	8,71	2,75	9,14	2,81	9,57	2,86	9,78	2,89	10,42	2,97	10,85	3,02
	35,0	8,45	2,87	8,88	2,92	9,31	2,98	9,52	3,00	9,86	3,08	10,59	3,14
	40,0	8,01	3,08	8,44	3,13	8,87	3,18	9,09	3,21	9,73	3,29	10,16	3,34
	43,0	7,75	3,21	8,18	3,24	8,60	3,24	8,81	3,24	9,41	3,24	9,81	3,24
	46,0	7,39	2,67	7,75	2,67	8,10	2,67	8,27	2,67	8,78	2,67	9,11	2,67
2.0+3.5+4.2+5.0	22,0	10,26	2,95	10,69	3,00	11,13	3,05	11,35	3,08	12,01	3,16	12,44	3,22
	25,0	9,99	3,05	10,43	3,10	10,87	3,15	11,08	3,18	11,74	3,26	12,18	3,32
	32,0	9,37	3,30	9,81	3,35	10,25	3,41	10,47	3,44	11,12	3,52	11,36	3,57
	35,0	9,11	3,42	9,54	3,47	9,98	3,53	10,20	3,55	10,86	3,63	11,29	3,69
	40,0	8,66	3,63	9,10	3,68	9,54	3,73	9,76	3,76	10,41	3,84	10,85	3,90
	43,0	8,40	3,76	8,83	3,76	9,26	3,76	9,46	3,76	10,08	3,76	10,48	3,76
	46,0	8,01	3,19	8,37	3,19	8,73	3,19	8,90	3,19	9,42	3,19	9,75	3,19
2.0+3.5+5.0+5.0	22,0	10,54	3,15	11,01	3,22	11,49	3,29	11,72	3,32	12,43	3,42	12,90	3,49
	25,0	10,25	3,28	10,73	3,34	11,20	3,41	11,44	3,44	12,14	3,55	12,62	3,61
	32,0	9,58	3,59	10,06	3,66	10,53	3,73	10,77	3,76	11,48	3,86	11,94	3,89
	35,0	9,30	3,73	9,77	3,73	10,24	3,73	10,47	3,73	11,15	3,73	11,59	3,73
	40,0	8,82	3,46	9,29	3,46	9,77	3,46	10,00	3,46	10,67	3,46	11,08	3,46
	43,0	8,73	3,31	9,01	3,31	9,48	3,31	9,72	3,31	10,41	3,31	10,80	3,31
	46,0	8,25	2,74	8,72	2,74	9,07	2,74	9,24	2,74	9,74	2,74	10,07	2,74
2.0+4.2+4.2+4.2	22,0	9,58	2,40	10,01	2,46	10,44	2,51	10,66	2,54	11,30	2,62	11,73	2,67
	25,0	9,32	2,50	9,75	2,55	10,18	2,61	10,40	2,63	11,04	2,72	11,47	2,77
	32,0	8,72	2,75	9,15	2,81	9,58	2,86	9,79	2,89	10,43	2,97	10,86	3,02
	35,0	8,46	2,87	8,89	2,92	9,32	2,98	9,53	3,00	9,87	3,08	10,60	3,14
	40,0	8,02	3,08	8,45	3,13	8,88	3,18	9,10	3,21	9,74	3,29	10,17	3,34
	43,0	7,76	3,21	8,19	3,24	8,61	3,24	8,82	3,24	9,42	3,24	9,82	3,24
	46,0	7,40	2,67	7,76	2,67	8,11	2,67	8,28	2,67	8,79	2,67	9,12	2,67

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+4.2+4.2+5.0	22,0	10,27	2,95	10,70	3,00	11,14	3,05	11,36	3,08	12,02	3,16	12,45	3,22
	25,0	10,00	3,05	10,44	3,10	10,88	3,15	11,09	3,18	11,75	3,26	12,19	3,32
	32,0	9,38	3,30	9,82	3,35	10,26	3,41	10,48	3,44	11,13	3,52	11,37	3,57
	35,0	9,12	3,42	9,55	3,47	9,99	3,53	10,21	3,55	10,87	3,63	11,30	3,69
	40,0	8,67	3,63	9,11	3,68	9,55	3,73	9,77	3,76	10,42	3,84	10,86	3,90
	43,0	8,41	3,76	8,84	3,76	9,27	3,76	9,47	3,76	10,09	3,76	10,49	3,76
	46,0	8,02	3,19	8,38	3,19	8,74	3,19	8,91	3,19	9,43	3,19	9,76	3,19
2.5+2.5+2.5+2.5	22,0	9,26	2,46	9,62	2,49	9,99	2,53	10,17	2,55	10,72	2,61	11,09	2,64
	25,0	9,03	2,53	9,40	2,56	9,77	2,60	9,95	2,62	10,50	2,67	10,87	2,71
	32,0	8,52	2,70	8,88	2,74	9,25	2,77	9,43	2,79	9,98	2,85	10,35	2,88
	35,0	8,29	2,78	8,66	2,82	9,03	2,85	9,21	2,87	9,76	2,93	10,13	2,97
	40,0	7,92	2,92	8,29	2,96	8,66	3,00	8,84	3,01	9,39	3,07	9,76	3,11
	43,0	7,70	3,01	8,07	3,05	8,43	3,09	8,62	3,11	9,17	3,16	9,53	3,20
	46,0	7,48	3,11	7,84	3,14	8,21	3,18	8,39	3,20	8,94	3,25	9,31	3,29
2.5+2.5+2.5+3.5	22,0	9,35	2,37	9,76	2,41	10,16	2,46	10,36	2,48	10,97	2,55	11,37	2,59
	25,0	9,11	2,45	9,51	2,50	9,92	2,54	10,12	2,56	10,72	2,63	11,13	2,68
	32,0	8,53	2,66	8,94	2,71	9,34	2,75	9,55	2,77	10,15	2,84	10,56	2,89
	35,0	8,29	2,76	8,69	2,81	9,10	2,85	9,30	2,87	9,91	2,94	10,31	2,99
	40,0	7,88	2,93	8,28	2,98	8,69	3,02	8,89	3,05	9,50	3,11	9,90	3,16
	43,0	7,63	3,04	8,04	3,09	8,44	3,13	8,65	3,16	9,25	3,22	9,66	3,27
	46,0	7,36	3,08	7,73	3,08	8,10	3,08	8,28	3,08	8,81	3,08	9,16	3,08
2.5+2.5+2.5+4.2	22,0	9,55	2,49	9,96	2,53	10,36	2,58	10,56	2,60	11,17	2,67	11,57	2,71
	25,0	9,31	2,57	9,71	2,62	10,12	2,66	10,32	2,68	10,92	2,75	11,33	2,80
	32,0	8,73	2,78	9,14	2,83	9,54	2,87	9,75	2,89	10,35	2,96	10,76	3,01
	35,0	8,49	2,88	8,89	2,93	9,30	2,97	9,50	2,99	10,11	3,06	10,51	3,11
	40,0	8,08	3,05	8,48	3,10	8,89	3,14	9,09	3,17	9,70	3,23	10,10	3,28
	43,0	7,83	3,16	8,24	3,21	8,64	3,25	8,85	3,28	9,45	3,34	9,86	3,39
	46,0	7,56	3,20	7,93	3,20	8,30	3,20	8,48	3,20	9,01	3,20	9,36	3,20
2.5+2.5+2.5+5.0	22,0	9,73	2,44	10,16	2,49	10,59	2,54	10,81	2,57	11,45	2,65	11,88	2,70
	25,0	9,47	2,54	9,90	2,59	10,33	2,64	10,55	2,67	11,19	2,74	11,62	2,80
	32,0	8,87	2,78	9,30	2,83	9,73	2,88	9,94	2,91	10,58	2,99	11,01	3,04
	35,0	8,61	2,89	9,04	2,95	9,47	3,00	9,68	3,02	10,32	3,10	10,75	3,15
	40,0	8,18	3,09	8,60	3,15	9,03	3,20	9,25	3,22	9,89	3,30	10,32	3,35
	43,0	7,92	3,22	8,34	3,27	8,77	3,32	8,99	3,35	9,61	3,37	10,01	3,37
	46,0	7,54	2,80	7,90	2,80	8,26	2,80	8,43	2,80	8,95	2,80	9,28	2,80
2.5+2.5+2.5+6.0	22,0	10,19	2,50	10,62	2,55	11,05	2,60	11,27	2,63	11,91	2,71	12,34	2,76
	25,0	9,93	2,60	10,36	2,65	10,79	2,70	11,01	2,73	11,65	2,80	12,08	2,86
	32,0	9,33	2,84	9,76	2,89	10,19	2,94	10,40	2,97	11,04	3,05	11,47	3,10
	35,0	9,07	2,95	9,50	3,01	9,93	3,06	10,14	3,08	10,78	3,16	11,21	3,21
	40,0	8,64	3,15	9,06	3,21	9,49	3,26	9,71	3,28	10,35	3,36	10,78	3,41
	43,0	8,38	3,28	8,80	3,33	9,23	3,38	9,45	3,41	10,07	3,43	10,47	3,43
	46,0	8,00	2,86	8,36	2,86	8,72	2,86	8,89	2,86	9,41	2,86	9,74	2,86

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104128

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+2.5+2.5+7.1	22,0	10,21	2,50	10,64	2,55	11,07	2,60	11,29	2,63	11,93	2,71	12,36	2,76
	25,0	9,95	2,60	10,38	2,65	10,81	2,70	11,03	2,73	11,67	2,80	12,10	2,86
	32,0	9,35	2,84	9,78	2,89	10,21	2,94	10,42	2,97	11,06	3,05	11,49	3,10
	35,0	9,09	2,95	9,52	3,01	9,95	3,06	10,16	3,08	10,80	3,16	11,23	3,21
	40,0	8,66	3,15	9,08	3,21	9,51	3,26	9,73	3,28	10,37	3,36	10,80	3,41
	43,0	8,40	3,28	8,82	3,33	9,25	3,38	9,47	3,41	10,09	3,43	10,49	3,43
	46,0	8,02	2,86	8,38	2,86	8,74	2,86	8,91	2,86	9,43	2,86	9,76	2,86
2.5+2.5+3.5+3.5	22,0	9,55	2,42	9,97	2,47	10,39	2,52	10,61	2,55	11,24	2,62	11,66	2,67
	25,0	9,30	2,51	9,72	2,56	10,14	2,61	10,35	2,64	10,98	2,72	11,40	2,77
	32,0	8,70	2,75	9,12	2,80	9,54	2,86	9,76	2,88	10,39	2,96	10,81	3,01
	35,0	8,45	2,86	8,87	2,92	9,29	2,97	9,50	2,99	10,13	3,07	10,55	3,12
	40,0	8,02	3,06	8,44	3,11	8,86	3,17	9,07	3,19	9,71	3,27	10,13	3,32
	43,0	7,77	3,19	8,19	3,24	8,61	3,29	8,82	3,32	9,44	3,37	9,84	3,37
	46,0	7,41	2,80	7,77	2,80	8,13	2,80	8,30	2,80	8,81	2,80	9,14	2,80
2.5+2.5+3.5+4.2	22,0	9,56	2,42	9,98	2,47	10,40	2,52	10,62	2,55	11,25	2,62	11,67	2,67
	25,0	9,31	2,51	9,73	2,56	10,15	2,61	10,36	2,64	10,99	2,72	11,41	2,77
	32,0	8,71	2,75	9,13	2,80	9,55	2,86	9,77	2,88	10,40	2,96	10,82	3,01
	35,0	8,46	2,86	8,88	2,92	9,30	2,97	9,51	2,99	10,14	3,07	10,56	3,12
	40,0	8,03	3,06	8,45	3,11	8,87	3,17	9,08	3,19	9,72	3,27	10,14	3,32
	43,0	7,78	3,19	8,20	3,24	8,62	3,29	8,83	3,32	9,45	3,37	9,85	3,37
	46,0	7,42	2,80	7,78	2,80	8,14	2,80	8,31	2,80	8,82	2,80	9,15	2,80
2.5+2.5+3.5+5.0	22,0	9,74	2,42	10,17	2,47	10,61	2,52	10,83	2,55	11,48	2,63	11,92	2,69
	25,0	9,47	2,52	9,91	2,57	10,35	2,62	10,56	2,65	11,22	2,73	11,66	2,79
	32,0	8,85	2,77	9,29	2,82	9,73	2,88	9,95	2,91	10,60	2,99	11,04	3,04
	35,0	8,59	2,89	9,02	2,94	9,46	3,00	9,68	3,02	10,34	3,10	10,77	3,16
	40,0	8,15	3,10	8,58	3,15	9,02	3,20	9,24	3,23	9,89	3,31	10,33	3,37
	43,0	7,88	3,23	8,31	3,23	8,74	3,23	8,95	3,23	9,56	3,23	9,96	3,23
	46,0	7,49	2,66	7,86	2,66	8,21	2,66	8,39	2,66	8,90	2,66	9,23	2,66
2.5+2.5+3.5+6.0	22,0	10,21	2,48	10,64	2,53	11,08	2,58	11,30	2,61	11,95	2,69	12,39	2,75
	25,0	9,94	2,58	10,38	2,63	10,82	2,68	11,03	2,71	11,69	2,79	12,13	2,85
	32,0	9,32	2,83	9,76	2,88	10,20	2,94	10,42	2,97	11,07	3,05	11,51	3,10
	35,0	9,06	2,95	9,49	3,00	9,93	3,06	10,15	3,08	10,81	3,16	11,24	3,22
	40,0	8,62	3,16	9,05	3,21	9,49	3,26	9,71	3,29	10,36	3,37	10,80	3,43
	43,0	8,35	3,29	8,78	3,29	9,21	3,29	9,42	3,29	10,03	3,29	10,43	3,29
	46,0	7,96	2,72	8,33	2,72	8,68	2,72	8,86	2,72	9,37	2,72	9,70	2,72
2.5+2.5+3.5+7.1	22,0	10,69	2,97	11,12	3,02	11,56	3,07	11,78	3,10	12,43	3,18	12,87	3,24
	25,0	10,42	3,07	10,86	3,12	11,30	3,17	11,51	3,20	12,17	3,28	12,61	3,34
	32,0	9,80	3,32	10,24	3,37	10,68	3,43	10,90	3,46	11,55	3,54	11,99	3,59
	35,0	9,54	3,44	9,97	3,49	10,41	3,55	10,63	3,57	11,29	3,65	11,72	3,71
	40,0	9,10	3,65	9,53	3,70	9,97	3,75	10,19	3,78	10,84	3,86	11,28	3,92
	43,0	8,83	3,78	9,26	3,78	9,69	3,78	9,90	3,78	10,51	3,78	10,91	3,78
	46,0	8,44	3,21	8,81	3,21	9,16	3,21	9,34	3,21	9,85	3,21	10,18	3,21

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+2.5+4.2+4.2	22,0	9,57	2,42	9,99	2,47	10,41	2,52	10,63	2,55	11,26	2,62	11,68	2,67
	25,0	9,32	2,51	9,74	2,56	10,16	2,61	10,37	2,64	11,00	2,72	11,42	2,77
	32,0	8,72	2,75	9,14	2,80	9,56	2,86	9,78	2,88	10,41	2,96	10,83	3,01
	35,0	8,47	2,86	8,89	2,92	9,31	2,97	9,52	2,99	10,15	3,07	10,57	3,12
	40,0	8,04	3,06	8,46	3,11	8,88	3,17	9,09	3,19	9,73	3,27	10,15	3,32
	43,0	7,79	3,19	8,21	3,24	8,63	3,29	8,84	3,32	9,46	3,37	9,86	3,37
	46,0	7,43	2,80	7,79	2,80	8,15	2,80	8,32	2,80	8,83	2,80	9,16	2,80
2.5+2.5+4.2+5.0	22,0	9,75	2,42	10,18	2,47	10,62	2,52	10,84	2,55	11,49	2,63	11,93	2,69
	25,0	9,48	2,52	9,92	2,57	10,36	2,62	10,57	2,65	11,23	2,73	11,67	2,79
	32,0	8,86	2,77	9,30	2,82	9,74	2,88	9,96	2,91	10,61	2,99	11,05	3,04
	35,0	8,60	2,89	9,03	2,94	9,47	3,00	9,69	3,02	10,35	3,10	10,78	3,16
	40,0	8,16	3,10	8,59	3,15	9,03	3,20	9,25	3,23	9,90	3,31	10,34	3,37
	43,0	7,89	3,23	8,32	3,23	8,75	3,23	8,96	3,23	9,57	3,23	9,97	3,23
	46,0	7,50	2,66	7,87	2,66	8,22	2,66	8,40	2,66	8,91	2,66	9,24	2,66
2.5+2.5+4.2+6.0	22,0	10,74	2,96	11,17	3,01	11,61	3,06	11,83	3,09	12,48	3,17	12,92	3,23
	25,0	10,47	3,06	10,91	3,11	11,35	3,16	11,56	3,19	12,22	3,27	12,66	3,33
	32,0	9,85	3,31	10,29	3,36	10,73	3,42	10,95	3,45	11,60	3,53	12,04	3,58
	35,0	9,59	3,43	10,02	3,48	10,46	3,54	10,68	3,56	11,34	3,64	11,77	3,70
	40,0	9,15	3,64	9,58	3,69	10,02	3,74	10,24	3,77	10,89	3,85	11,33	3,91
	43,0	8,88	3,77	9,31	3,77	9,74	3,77	9,95	3,77	10,56	3,77	10,96	3,77
	46,0	8,49	3,20	8,86	3,20	9,21	3,20	9,39	3,20	9,90	3,20	10,23	3,20
2.5+2.5+5.0+5.0	22,0	10,52	3,11	10,96	3,17	11,41	3,22	11,63	3,25	12,30	3,33	12,75	3,38
	25,0	10,25	3,21	10,69	3,27	11,14	3,32	11,36	3,35	12,03	3,43	12,48	3,49
	32,0	9,62	3,47	10,06	3,52	10,51	3,58	10,73	3,60	11,40	3,69	11,85	3,74
	35,0	9,35	3,59	9,79	3,64	10,24	3,70	10,46	3,72	11,13	3,81	11,57	3,86
	40,0	8,89	3,80	9,34	3,85	9,79	3,91	10,01	3,93	10,68	4,02	11,12	4,05
	43,0	8,62	3,90	9,06	3,90	9,49	3,90	9,60	3,90	10,32	3,90	10,72	3,90
	46,0	8,21	3,33	8,58	3,33	8,94	3,33	9,11	3,33	9,63	3,33	9,97	3,33
2.5+3.5+3.5+3.5	22,0	9,58	2,39	10,01	2,45	10,44	2,50	10,66	2,53	11,30	2,61	11,73	2,66
	25,0	9,32	2,49	9,75	2,54	10,18	2,60	10,40	2,62	11,04	2,71	11,47	2,76
	32,0	8,72	2,74	9,15	2,80	9,58	2,85	9,79	2,88	10,43	2,96	10,86	3,01
	35,0	8,46	2,86	8,89	2,91	9,32	2,97	9,53	2,99	9,87	3,07	10,60	3,13
	40,0	8,02	3,07	8,45	3,12	8,88	3,17	9,10	3,20	9,74	3,28	10,17	3,33
	43,0	7,76	3,20	8,19	3,23	8,61	3,23	8,82	3,23	9,42	3,23	9,82	3,23
	46,0	7,40	2,66	7,76	2,66	8,11	2,66	8,28	2,66	8,79	2,66	9,12	2,66
2.5+3.5+3.5+4.2	22,0	9,57	2,39	10,00	2,45	10,43	2,50	10,65	2,53	11,29	2,61	11,72	2,66
	25,0	9,31	2,49	9,74	2,54	10,17	2,60	10,39	2,62	11,03	2,71	11,46	2,76
	32,0	8,71	2,74	9,14	2,80	9,57	2,85	9,78	2,88	10,42	2,96	10,85	3,01
	35,0	8,45	2,86	8,88	2,91	9,31	2,97	9,52	2,99	9,86	3,07	10,59	3,13
	40,0	8,01	3,07	8,44	3,12	8,87	3,17	9,09	3,20	9,73	3,28	10,16	3,33
	43,0	7,75	3,20	8,18	3,23	8,60	3,23	8,81	3,23	9,41	3,23	9,81	3,23
	46,0	7,39	2,66	7,75	2,66	8,10	2,66	8,27	2,66	8,78	2,66	9,11	2,66

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104129

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+3.5+3.5+5.0	22,0	9,75	2,42	10,18	2,47	10,62	2,52	10,84	2,55	11,50	2,63	11,93	2,69
	25,0	9,48	2,52	9,92	2,57	10,36	2,62	10,57	2,65	11,23	2,73	11,67	2,79
	32,0	8,86	2,77	9,30	2,82	9,74	2,88	9,96	2,91	10,61	2,99	10,85	3,04
	35,0	8,60	2,89	9,03	2,94	9,47	3,00	9,69	3,02	10,35	3,10	10,78	3,16
	40,0	8,15	3,10	8,59	3,15	9,03	3,20	9,25	3,23	9,90	3,31	10,34	3,37
	43,0	7,89	3,23	8,32	3,23	8,75	3,23	8,95	3,23	9,57	3,23	9,97	3,23
	46,0	7,50	2,66	7,86	2,66	8,22	2,66	8,39	2,66	8,91	2,66	9,24	2,66
2.5+3.5+3.5+6.0	22,0	10,67	2,97	11,10	3,02	11,54	3,07	11,76	3,10	12,42	3,18	12,85	3,24
	25,0	10,40	3,07	10,84	3,12	11,28	3,17	11,49	3,20	12,15	3,28	12,59	3,34
	32,0	9,78	3,32	10,22	3,37	10,66	3,43	10,88	3,46	11,53	3,54	11,77	3,59
	35,0	9,52	3,44	9,95	3,49	10,39	3,55	10,61	3,57	11,27	3,65	11,70	3,71
	40,0	9,07	3,65	9,51	3,70	9,95	3,75	10,17	3,78	10,82	3,86	11,26	3,92
	43,0	8,81	3,78	9,24	3,78	9,67	3,78	9,87	3,78	10,49	3,78	10,89	3,78
	46,0	8,42	3,21	8,78	3,21	9,14	3,21	9,31	3,21	9,83	3,21	10,16	3,21
2.5+3.5+4.2+4.2	22,0	9,57	2,40	10,00	2,46	10,43	2,51	10,65	2,54	11,29	2,62	11,72	2,67
	25,0	9,31	2,50	9,74	2,55	10,17	2,61	10,39	2,63	11,03	2,72	11,46	2,77
	32,0	8,71	2,75	9,14	2,81	9,57	2,86	9,78	2,89	10,42	2,97	10,85	3,02
	35,0	8,45	2,87	8,88	2,92	9,31	2,98	9,52	3,00	9,86	3,08	10,59	3,14
	40,0	8,01	3,08	8,44	3,13	8,87	3,18	9,09	3,21	9,73	3,29	10,16	3,34
	43,0	7,75	3,21	8,18	3,24	8,60	3,24	8,81	3,24	9,41	3,24	9,81	3,24
	46,0	7,39	2,67	7,75	2,67	8,10	2,67	8,27	2,67	8,78	2,67	9,11	2,67
2.5+3.5+4.2+5.0	22,0	10,26	2,95	10,69	3,00	11,13	3,05	11,35	3,08	12,01	3,16	12,44	3,22
	25,0	9,99	3,05	10,43	3,10	10,87	3,15	11,08	3,18	11,74	3,26	12,18	3,32
	32,0	9,37	3,30	9,81	3,35	10,25	3,41	10,47	3,44	11,12	3,52	11,36	3,57
	35,0	9,11	3,42	9,54	3,47	9,98	3,53	10,20	3,55	10,86	3,63	11,29	3,69
	40,0	8,66	3,63	9,10	3,68	9,54	3,73	9,76	3,76	10,41	3,84	10,85	3,90
	43,0	8,40	3,76	8,83	3,76	9,26	3,76	9,46	3,76	10,08	3,76	10,48	3,76
	46,0	8,01	3,19	8,37	3,19	8,73	3,19	8,90	3,19	9,42	3,19	9,75	3,19
2.5+4.2+4.2+4.2	22,0	10,08	2,92	10,51	2,98	10,94	3,03	11,16	3,06	11,80	3,14	12,23	3,19
	25,0	9,82	3,02	10,25	3,07	10,68	3,13	10,90	3,15	11,54	3,24	11,97	3,29
	32,0	9,22	3,27	9,65	3,33	10,08	3,38	10,29	3,41	10,93	3,49	11,36	3,54
	35,0	8,96	3,39	9,39	3,44	9,82	3,50	10,03	3,52	10,37	3,60	11,10	3,66
	40,0	8,52	3,60	8,95	3,65	9,38	3,70	9,60	3,73	10,24	3,81	10,67	3,86
	43,0	8,26	3,73	8,69	3,76	9,11	3,76	9,32	3,76	9,92	3,76	10,32	3,76
	46,0	7,90	3,19	8,26	3,19	8,61	3,19	8,78	3,19	9,29	3,19	9,62	3,19
3.5+3.5+3.5+3.5	22,0	9,56	2,39	9,99	2,45	10,42	2,50	10,64	2,53	11,28	2,61	11,71	2,66
	25,0	9,30	2,49	9,73	2,54	10,16	2,60	10,38	2,62	11,02	2,71	11,45	2,76
	32,0	8,70	2,74	9,13	2,80	9,56	2,85	9,77	2,88	10,41	2,96	10,84	3,01
	35,0	8,44	2,86	8,87	2,91	9,30	2,97	9,51	2,99	10,15	3,07	10,58	3,13
	40,0	8,00	3,07	8,43	3,12	8,86	3,17	9,08	3,20	9,72	3,28	10,15	3,33
	43,0	7,74	3,20	8,17	3,23	8,59	3,23	8,80	3,23	9,40	3,23	9,80	3,23
	46,0	7,38	2,66	7,74	2,66	8,09	2,66	8,26	2,66	8,77	2,66	9,10	2,66

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+3.5+3.5+4.2	22,0	10,07	2,92	10,50	2,98	10,93	3,03	11,15	3,06	11,79	3,14	12,22	3,19
	25,0	9,81	3,02	10,24	3,07	10,67	3,13	10,89	3,15	11,53	3,24	11,96	3,29
	32,0	9,21	3,27	9,64	3,33	10,07	3,38	10,28	3,41	10,92	3,49	11,35	3,54
	35,0	8,95	3,39	9,38	3,44	9,81	3,50	10,02	3,52	10,66	3,60	11,09	3,66
	40,0	8,51	3,60	8,94	3,65	9,37	3,70	9,59	3,73	10,23	3,81	10,66	3,86
	43,0	8,25	3,73	8,68	3,76	9,10	3,76	9,31	3,76	9,91	3,76	10,31	3,76
	46,0	7,89	3,19	8,25	3,19	8,60	3,19	8,77	3,19	9,28	3,19	9,61	3,19
3.5+3.5+3.5+5.0	22,0	10,21	2,78	10,67	2,85	11,13	2,91	11,35	2,94	12,04	3,03	12,50	3,10
	25,0	9,93	2,90	10,39	2,96	10,85	3,02	11,08	3,06	11,76	3,15	12,22	3,21
	32,0	9,28	3,19	9,74	3,25	10,20	3,32	10,43	3,35	11,12	3,44	11,57	3,50
	35,0	9,00	3,33	9,46	3,39	9,92	3,45	10,15	3,48	10,84	3,58	11,28	3,59
	40,0	8,54	3,32	9,00	3,32	9,46	3,32	9,67	3,32	10,30	3,32	10,71	3,32
	43,0	8,26	3,17	8,72	3,17	9,18	3,17	9,41	3,17	10,02	3,17	10,41	3,17
	46,0	7,98	2,60	8,35	2,60	8,70	2,60	8,87	2,60	9,37	2,60	9,70	2,60
3.5+3.5+4.2+4.2	22,0	10,08	2,92	10,51	2,98	10,94	3,03	11,16	3,06	11,80	3,14	12,23	3,19
	25,0	9,82	3,02	10,25	3,07	10,68	3,13	10,90	3,15	11,54	3,24	11,97	3,29
	32,0	9,22	3,27	9,65	3,33	10,08	3,38	10,29	3,41	10,93	3,49	11,36	3,54
	35,0	8,96	3,39	9,39	3,44	9,82	3,50	10,03	3,52	10,67	3,60	11,10	3,66
	40,0	8,52	3,60	8,95	3,65	9,38	3,70	9,60	3,73	10,24	3,81	10,67	3,86
	43,0	8,26	3,73	8,69	3,76	9,11	3,76	9,32	3,76	9,92	3,76	10,32	3,76
	46,0	7,90	3,19	8,26	3,19	8,61	3,19	8,78	3,19	9,29	3,19	9,62	3,19
1.5+1.5+1.5+1.5+1.5	22,0	7,84	1,29	8,26	1,33	8,68	1,38	8,88	1,40	9,51	1,47	9,92	1,51
	25,0	7,59	1,37	8,01	1,42	8,42	1,46	8,63	1,48	9,25	1,55	9,67	1,60
	32,0	7,00	1,58	7,42	1,63	7,83	1,67	8,04	1,70	8,07	1,76	9,08	1,81
	35,0	6,75	1,68	7,17	1,73	7,58	1,77	7,79	1,79	8,03	1,86	8,83	1,91
	40,0	6,33	1,85	6,75	1,90	7,16	1,94	7,37	1,97	7,99	2,03	8,41	2,08
	43,0	6,08	1,96	6,49	2,01	6,91	2,05	7,12	2,07	7,74	2,14	8,16	2,19
	46,0	5,80	2,01	6,18	2,01	6,56	2,01	6,74	2,01	7,28	2,01	7,63	2,01
1.5+1.5+1.5+1.5+2.0	22,0	8,17	1,44	8,59	1,48	9,01	1,53	9,21	1,55	9,84	1,62	10,25	1,66
	25,0	7,92	1,52	8,34	1,57	8,75	1,61	8,96	1,63	9,58	1,70	10,00	1,75
	32,0	7,33	1,73	7,75	1,78	8,16	1,82	8,37	1,85	8,40	1,91	9,41	1,96
	35,0	7,08	1,83	7,50	1,88	7,91	1,92	8,12	1,94	8,36	2,01	9,16	2,06
	40,0	6,66	2,00	7,08	2,05	7,49	2,09	7,70	2,12	8,32	2,18	8,74	2,23
	43,0	6,41	2,11	6,82	2,16	7,24	2,20	7,45	2,22	8,07	2,29	8,49	2,34
	46,0	6,13	2,16	6,51	2,16	6,89	2,16	7,07	2,16	7,61	2,16	7,96	2,16
1.5+1.5+1.5+1.5+2.5	22,0	8,47	1,60	8,89	1,64	9,31	1,69	9,51	1,71	10,14	1,78	10,55	1,82
	25,0	8,22	1,68	8,64	1,73	9,05	1,77	9,26	1,79	9,88	1,86	10,30	1,91
	32,0	7,63	1,89	8,05	1,94	8,46	1,98	8,67	2,01	8,70	2,07	9,71	2,12
	35,0	7,38	1,99	7,80	2,04	8,21	2,08	8,42	2,10	8,66	2,17	9,46	2,22
	40,0	6,96	2,16	7,38	2,21	7,79	2,25	8,00	2,28	8,62	2,34	9,04	2,39
	43,0	6,71	2,27	7,12	2,32	7,54	2,36	7,75	2,38	8,37	2,45	8,79	2,50
	46,0	6,43	2,32	6,81	2,32	7,19	2,32	7,37	2,32	7,91	2,32	8,26	2,32

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0, kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104130

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+1.5+3.5	22,0	9,02	1,81	9,46	1,86	9,90	1,92	10,13	1,94	10,79	2,02	11,24	2,07
	25,0	8,75	1,91	9,19	1,96	9,64	2,01	9,86	2,04	10,52	2,12	10,97	2,17
	32,0	8,12	2,15	8,56	2,20	9,01	2,25	9,23	2,28	9,90	2,36	10,34	2,41
	35,0	7,85	2,26	8,29	2,32	8,74	2,37	8,96	2,39	9,63	2,47	10,07	2,52
	40,0	7,40	2,46	7,84	2,51	8,29	2,57	8,51	2,59	9,18	2,67	9,62	2,72
	43,0	7,13	2,59	7,58	2,64	8,02	2,69	8,24	2,72	8,88	2,75	9,29	2,75
	46,0	6,70	2,18	7,08	2,18	7,44	2,18	7,62	2,18	8,15	2,18	8,50	2,18
1.5+1.5+1.5+1.5+4.2	22,0	9,36	1,98	9,80	2,03	10,24	2,09	10,47	2,11	11,13	2,19	11,58	2,24
	25,0	9,09	2,08	9,53	2,13	9,98	2,18	10,20	2,21	10,86	2,29	11,31	2,34
	32,0	8,46	2,32	8,90	2,37	9,35	2,42	9,57	2,45	10,24	2,53	10,68	2,58
	35,0	8,19	2,43	8,63	2,49	9,08	2,54	9,30	2,56	9,97	2,64	10,41	2,69
	40,0	7,74	2,63	8,18	2,68	8,63	2,74	8,85	2,76	9,52	2,84	9,96	2,89
	43,0	7,47	2,76	7,92	2,81	8,36	2,86	8,58	2,89	9,22	2,92	9,63	2,92
	46,0	7,04	2,35	7,42	2,35	7,78	2,35	7,96	2,35	8,49	2,35	8,84	2,35
1.5+1.5+1.5+1.5+5.0	22,0	9,70	2,02	10,16	2,07	10,63	2,13	10,86	2,16	11,56	2,24	12,02	2,30
	25,0	9,42	2,12	9,88	2,18	10,35	2,23	10,58	2,26	11,28	2,34	11,74	2,40
	32,0	8,76	2,38	9,22	2,44	9,69	2,49	9,92	2,52	10,62	2,61	11,08	2,66
	35,0	8,48	2,50	8,94	2,56	9,41	2,62	9,64	2,64	10,34	2,73	10,80	2,78
	40,0	8,01	2,72	8,47	2,77	8,94	2,83	9,17	2,86	9,85	2,90	10,28	2,90
	43,0	7,72	2,75	8,17	2,75	8,60	2,75	8,82	2,75	9,45	2,75	9,86	2,75
	46,0	7,25	2,18	7,63	2,18	7,99	2,18	8,17	2,18	8,70	2,18	9,05	2,18
1.5+1.5+1.5+1.5+6.0	22,0	10,07	2,07	10,53	2,12	11,00	2,18	11,23	2,21	11,93	2,29	12,39	2,35
	25,0	9,79	2,17	10,25	2,23	10,72	2,28	10,95	2,31	11,65	2,39	12,11	2,45
	32,0	9,13	2,43	9,59	2,49	10,06	2,54	10,29	2,57	10,99	2,66	11,45	2,71
	35,0	8,85	2,55	9,31	2,61	9,78	2,67	10,01	2,69	10,71	2,78	11,17	2,83
	40,0	8,38	2,77	8,84	2,82	9,31	2,88	9,54	2,91	10,22	2,95	10,65	2,95
	43,0	8,09	2,80	8,54	2,80	8,97	2,80	9,19	2,80	9,82	2,80	10,23	2,80
	46,0	7,62	2,23	8,00	2,23	8,36	2,23	8,54	2,23	9,07	2,23	9,42	2,23
1.5+1.5+1.5+1.5+7.1	22,0	10,38	2,20	10,84	2,25	11,31	2,31	11,54	2,34	12,24	2,42	12,70	2,48
	25,0	10,10	2,30	10,56	2,36	11,03	2,41	11,26	2,44	11,96	2,52	12,42	2,58
	32,0	9,44	2,56	9,90	2,62	10,37	2,67	10,60	2,70	11,30	2,79	11,76	2,84
	35,0	9,16	2,68	9,62	2,74	10,09	2,80	10,32	2,82	11,02	2,91	11,48	2,96
	40,0	8,69	2,90	9,15	2,95	9,62	3,01	9,85	3,04	10,53	3,08	10,96	3,08
	43,0	8,40	2,93	8,85	2,93	9,28	2,93	9,50	2,93	10,13	2,93	10,54	2,93
	46,0	7,93	2,36	8,31	2,36	8,67	2,36	8,85	2,36	9,38	2,36	9,73	2,36
1.5+1.5+1.5+2.0+2.0	22,0	8,47	1,60	8,89	1,64	9,31	1,69	9,51	1,71	10,14	1,78	10,55	1,82
	25,0	8,22	1,68	8,64	1,73	9,05	1,77	9,26	1,79	9,88	1,86	10,30	1,91
	32,0	7,63	1,89	8,05	1,94	8,46	1,98	8,67	2,01	8,70	2,07	9,71	2,12
	35,0	7,38	1,99	7,80	2,04	8,21	2,08	8,42	2,10	8,66	2,17	9,46	2,22
	40,0	6,96	2,16	7,38	2,21	7,79	2,25	8,00	2,28	8,62	2,34	9,04	2,39
	43,0	6,71	2,27	7,12	2,32	7,54	2,36	7,75	2,38	8,37	2,45	8,79	2,50
	46,0	6,43	2,32	6,81	2,32	7,19	2,32	7,37	2,32	7,91	2,32	8,26	2,32

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+2.0+2.5	22,0	8,75	1,72	9,17	1,76	9,59	1,81	9,79	1,83	10,42	1,90	10,83	1,94
	25,0	8,50	1,80	8,92	1,85	9,33	1,89	9,54	1,91	10,16	1,98	10,58	2,03
	32,0	7,91	2,01	8,33	2,06	8,74	2,10	8,95	2,13	8,98	2,19	9,99	2,24
	35,0	7,66	2,11	8,08	2,16	8,49	2,20	8,70	2,22	8,94	2,29	9,74	2,34
	40,0	7,24	2,28	7,66	2,33	8,07	2,37	8,28	2,40	8,90	2,46	9,32	2,51
	43,0	6,99	2,39	7,40	2,44	7,82	2,48	8,03	2,50	8,65	2,57	9,07	2,62
	46,0	6,71	2,44	7,09	2,44	7,47	2,44	7,65	2,44	8,19	2,44	8,54	2,44
1.5+1.5+1.5+2.0+3.5	22,0	9,27	1,92	9,71	1,97	10,15	2,03	10,38	2,05	11,04	2,13	11,49	2,18
	25,0	9,00	2,02	9,44	2,07	9,89	2,12	10,11	2,15	10,77	2,23	11,22	2,28
	32,0	8,37	2,26	8,81	2,31	9,26	2,36	9,48	2,39	10,15	2,47	10,59	2,52
	35,0	8,10	2,37	8,54	2,43	8,99	2,48	9,21	2,50	9,88	2,58	10,32	2,63
	40,0	7,65	2,57	8,09	2,62	8,54	2,68	8,76	2,70	9,43	2,78	9,87	2,83
	43,0	7,38	2,70	7,83	2,75	8,27	2,80	8,49	2,83	9,13	2,86	9,54	2,86
	46,0	6,95	2,29	7,33	2,29	7,69	2,29	7,87	2,29	8,40	2,29	8,75	2,29
1.5+1.5+1.5+2.0+4.2	22,0	9,58	2,11	10,02	2,16	10,46	2,22	10,69	2,24	11,35	2,32	11,80	2,37
	25,0	9,31	2,21	9,75	2,26	10,20	2,31	10,42	2,34	11,08	2,42	11,53	2,47
	32,0	8,68	2,45	9,12	2,50	9,57	2,55	9,79	2,58	10,46	2,66	10,90	2,71
	35,0	8,41	2,56	8,85	2,62	9,30	2,67	9,52	2,69	10,19	2,77	10,63	2,82
	40,0	7,96	2,76	8,40	2,81	8,85	2,87	9,07	2,89	9,74	2,97	10,18	3,02
	43,0	7,69	2,89	8,14	2,94	8,58	2,99	8,80	3,02	9,44	3,05	9,85	3,05
	46,0	7,26	2,48	7,64	2,48	8,00	2,48	8,18	2,48	8,71	2,48	9,06	2,48
1.5+1.5+1.5+2.0+5.0	22,0	9,89	2,16	10,35	2,21	10,82	2,27	11,05	2,30	11,75	2,38	12,21	2,44
	25,0	9,61	2,26	10,07	2,32	10,54	2,37	10,77	2,40	11,47	2,48	11,93	2,54
	32,0	8,95	2,52	9,41	2,58	9,88	2,63	10,11	2,66	10,81	2,75	11,27	2,80
	35,0	8,67	2,64	9,13	2,70	9,60	2,76	9,83	2,78	10,53	2,87	10,99	2,92
	40,0	8,20	2,86	8,66	2,91	9,13	2,97	9,36	3,00	10,04	3,04	10,47	3,04
	43,0	7,91	2,89	8,36	2,89	8,79	2,89	9,01	2,89	9,64	2,89	10,05	2,89
	46,0	7,44	2,32	7,82	2,32	8,18	2,32	8,36	2,32	8,89	2,32	9,24	2,32
1.5+1.5+1.5+2.0+6.0	22,0	10,22	2,13	10,68	2,18	11,15	2,24	11,38	2,27	12,08	2,35	12,54	2,41
	25,0	9,94	2,23	10,40	2,29	10,87	2,34	11,10	2,37	11,80	2,45	12,26	2,51
	32,0	9,28	2,49	9,74	2,55	10,21	2,60	10,44	2,63	11,14	2,72	11,60	2,77
	35,0	9,00	2,61	9,46	2,67	9,93	2,73	10,16	2,75	10,86	2,84	11,32	2,89
	40,0	8,53	2,83	8,99	2,88	9,46	2,94	9,69	2,97	10,37	3,01	10,80	3,01
	43,0	8,24	2,86	8,69	2,86	9,12	2,86	9,34	2,86	9,97	2,86	10,38	2,86
	46,0	7,77	2,29	8,15	2,29	8,51	2,29	8,69	2,29	9,22	2,29	9,57	2,29
1.5+1.5+1.5+2.0+7.1	22,0	10,49	2,34	10,95	2,39	11,42	2,45	11,65	2,48	12,35	2,56	12,81	2,62
	25,0	10,21	2,44	10,67	2,50	11,14	2,55	11,37	2,58	12,07	2,66	12,53	2,72
	32,0	9,55	2,70	10,01	2,76	10,48	2,81	10,71	2,84	11,41	2,93	11,87	2,98
	35,0	9,27	2,82	9,73	2,88	10,20	2,94	10,43	2,96	11,13	3,05	11,59	3,10
	40,0	8,80	3,04	9,26	3,09	9,73	3,15	9,96	3,18	10,64	3,22	11,07	3,22
	43,0	8,51	3,07	8,96	3,07	9,39	3,07	9,61	3,07	10,24	3,07	10,65	3,07
	46,0	8,04	2,50	8,42	2,50	8,78	2,50	8,96	2,50	9,49	2,50	9,84	2,50

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104131

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+2.5+2.5	22,0	9,01	1,89	9,43	1,93	9,85	1,98	10,05	2,00	10,68	2,07	11,09	2,11
	25,0	8,76	1,97	9,18	2,02	9,59	2,06	9,80	2,08	10,42	2,15	10,84	2,20
	32,0	8,17	2,18	8,59	2,23	9,00	2,27	9,21	2,30	9,24	2,36	10,25	2,41
	35,0	7,92	2,28	8,34	2,33	8,75	2,37	8,96	2,39	9,20	2,46	10,00	2,51
	40,0	7,50	2,45	7,92	2,50	8,33	2,54	8,54	2,57	9,16	2,63	9,58	2,68
	43,0	7,25	2,56	7,66	2,61	8,08	2,65	8,29	2,67	8,91	2,74	9,33	2,79
	46,0	6,97	2,61	7,35	2,61	7,73	2,61	7,91	2,61	8,45	2,61	8,80	2,61
1.5+1.5+1.5+2.5+3.5	22,0	9,50	2,05	9,94	2,10	10,38	2,16	10,61	2,18	11,27	2,26	11,72	2,31
	25,0	9,23	2,15	9,67	2,20	10,12	2,25	10,34	2,28	11,00	2,36	11,45	2,41
	32,0	8,60	2,39	9,04	2,44	9,49	2,49	9,71	2,52	10,38	2,60	10,82	2,65
	35,0	8,33	2,50	8,77	2,56	9,22	2,61	9,44	2,63	10,11	2,71	10,55	2,76
	40,0	7,88	2,70	8,32	2,75	8,77	2,81	8,99	2,83	9,66	2,91	10,10	2,96
	43,0	7,61	2,83	8,06	2,88	8,50	2,93	8,72	2,96	9,36	2,99	9,77	2,99
	46,0	7,18	2,42	7,56	2,42	7,92	2,42	8,10	2,42	8,63	2,42	8,98	2,42
1.5+1.5+1.5+2.5+4.2	22,0	9,78	2,24	10,22	2,29	10,66	2,35	10,89	2,37	11,55	2,45	12,00	2,50
	25,0	9,51	2,34	9,95	2,39	10,40	2,44	10,62	2,47	11,28	2,55	11,73	2,60
	32,0	8,88	2,58	9,32	2,63	9,77	2,68	9,99	2,71	10,66	2,79	11,10	2,84
	35,0	8,61	2,69	9,05	2,75	9,50	2,80	9,72	2,82	10,39	2,90	10,83	2,95
	40,0	8,16	2,89	8,60	2,94	9,05	3,00	9,27	3,02	9,94	3,10	10,38	3,15
	43,0	7,89	3,02	8,34	3,07	8,78	3,12	9,00	3,15	9,64	3,18	10,05	3,18
	46,0	7,46	2,61	7,84	2,61	8,20	2,61	8,38	2,61	8,91	2,61	9,26	2,61
1.5+1.5+1.5+2.5+5.0	22,0	10,07	2,28	10,53	2,33	11,00	2,39	11,23	2,42	11,93	2,50	12,39	2,56
	25,0	9,79	2,38	10,25	2,44	10,72	2,49	10,95	2,52	11,65	2,60	12,11	2,66
	32,0	9,13	2,64	9,59	2,70	10,06	2,75	10,29	2,78	10,99	2,87	11,45	2,92
	35,0	8,85	2,76	9,31	2,82	9,78	2,88	10,01	2,90	10,71	2,99	11,17	3,04
	40,0	8,38	2,98	8,84	3,03	9,31	3,09	9,54	3,12	10,22	3,16	10,65	3,16
	43,0	8,09	3,01	8,54	3,01	8,97	3,01	9,19	3,01	9,82	3,01	10,23	3,01
	46,0	7,62	2,44	8,00	2,44	8,36	2,44	8,54	2,44	9,07	2,44	9,42	2,44
1.5+1.5+1.5+2.5+6.0	22,0	10,35	2,20	10,81	2,25	11,28	2,31	11,51	2,34	12,21	2,42	12,67	2,48
	25,0	10,07	2,30	10,53	2,36	11,00	2,41	11,23	2,44	11,93	2,52	12,39	2,58
	32,0	9,41	2,56	9,87	2,62	10,34	2,67	10,57	2,70	11,27	2,79	11,73	2,84
	35,0	9,13	2,68	9,59	2,74	10,06	2,80	10,29	2,82	10,99	2,91	11,45	2,96
	40,0	8,66	2,90	9,12	2,95	9,59	3,01	9,82	3,04	10,50	3,08	10,93	3,08
	43,0	8,37	2,93	8,82	2,93	9,25	2,93	9,47	2,93	10,10	2,93	10,51	2,93
	46,0	7,90	2,36	8,28	2,36	8,64	2,36	8,82	2,36	9,35	2,36	9,70	2,36
1.5+1.5+1.5+2.5+7.1	22,0	10,59	2,34	11,05	2,39	11,52	2,45	11,75	2,48	12,45	2,56	12,91	2,62
	25,0	10,31	2,44	10,77	2,50	11,24	2,55	11,47	2,58	12,17	2,66	12,63	2,72
	32,0	9,65	2,70	10,11	2,76	10,58	2,81	10,81	2,84	11,51	2,93	11,97	2,98
	35,0	9,37	2,82	9,83	2,88	10,30	2,94	10,53	2,96	11,23	3,05	11,69	3,10
	40,0	8,90	3,04	9,36	3,09	9,83	3,15	10,06	3,18	10,74	3,22	11,17	3,22
	43,0	8,61	3,07	9,06	3,07	9,49	3,07	9,71	3,07	10,34	3,07	10,75	3,07
	46,0	8,14	2,50	8,52	2,50	8,88	2,50	9,06	2,50	9,59	2,50	9,94	2,50

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+3.5+3.5	22,0	9,89	2,29	10,32	2,32	10,76	2,43	10,97	2,45	11,63	2,53	12,06	2,58
	25,0	9,62	2,39	10,06	2,47	10,49	2,52	10,71	2,54	11,36	2,62	11,80	2,67
	32,0	9,01	2,65	9,44	2,70	9,88	2,75	10,09	2,78	10,75	2,85	11,18	2,90
	35,0	8,74	2,76	9,18	2,85	9,61	2,86	9,83	2,88	10,48	2,96	10,92	3,01
	40,0	8,30	2,95	8,74	3,00	9,17	3,05	9,39	3,07	10,04	3,15	10,48	3,20
	43,0	8,04	3,07	8,47	3,12	8,91	3,17	9,13	3,19	9,78	3,27	10,21	3,32
	46,0	7,64	2,82	8,02	2,82	8,39	2,82	8,57	2,82	9,10	2,82	9,45	2,82
1.5+1.5+1.5+3.5+4.2	22,0	10,13	2,43	10,56	2,46	11,00	2,57	11,21	2,59	11,87	2,67	12,30	2,72
	25,0	9,86	2,53	10,30	2,61	10,73	2,66	10,95	2,68	11,60	2,76	12,04	2,81
	32,0	9,25	2,79	9,68	2,84	10,12	2,89	10,33	2,92	10,99	2,99	11,42	3,04
	35,0	8,98	2,90	9,42	2,99	9,85	3,00	10,07	3,02	10,72	3,10	11,16	3,15
	40,0	8,54	3,09	8,98	3,14	9,41	3,19	9,63	3,21	10,28	3,29	10,72	3,34
	43,0	8,28	3,21	8,71	3,26	9,15	3,31	9,37	3,33	10,02	3,41	10,45	3,46
	46,0	7,88	2,96	8,26	2,96	8,63	2,96	8,81	2,96	9,34	2,96	9,69	2,96
1.5+1.5+1.5+3.5+5.0	22,0	10,35	2,52	10,82	2,57	11,29	2,63	11,52	2,66	12,22	2,74	12,69	2,80
	25,0	10,07	2,62	10,53	2,68	11,00	2,73	11,24	2,76	11,94	2,84	12,41	2,90
	32,0	9,40	2,88	9,87	2,94	10,34	2,99	10,57	3,02	11,28	3,11	11,74	3,16
	35,0	9,12	3,00	9,59	3,06	10,06	3,09	10,29	3,11	10,99	3,23	11,46	3,28
	40,0	8,65	3,22	9,11	3,27	9,58	3,33	9,82	3,36	10,50	3,40	10,93	3,40
	43,0	8,36	3,25	8,80	3,25	9,24	3,25	9,46	3,25	10,10	3,25	10,51	3,25
	46,0	7,88	2,68	8,25	2,68	8,62	2,68	8,80	2,68	9,33	2,68	9,68	2,68
1.5+1.5+1.5+3.5+6.0	22,0	10,58	2,36	11,05	2,41	11,52	2,47	11,75	2,50	12,45	2,58	12,92	2,64
	25,0	10,30	2,46	10,76	2,52	11,23	2,57	11,47	2,60	12,17	2,68	12,64	2,74
	32,0	9,63	2,72	10,10	2,78	10,57	2,83	10,80	2,86	11,51	2,95	11,97	3,00
	35,0	9,35	2,84	9,82	2,90	10,29	2,93	10,52	2,95	11,22	3,07	11,69	3,12
	40,0	8,88	3,06	9,34	3,11	9,81	3,17	10,05	3,20	10,73	3,24	11,16	3,24
	43,0	8,59	3,09	9,03	3,09	9,47	3,09	9,69	3,09	10,33	3,09	10,74	3,09
	46,0	8,11	2,52	8,48	2,52	8,85	2,52	9,03	2,52	9,56	2,52	9,91	2,52
1.5+1.5+1.5+3.5+7.1	22,0	10,73	2,51	11,20	2,56	11,67	2,62	11,90	2,65	12,60	2,73	13,07	2,79
	25,0	10,45	2,61	10,91	2,67	11,38	2,72	11,62	2,75	12,32	2,83	12,79	2,89
	32,0	9,78	2,87	10,25	2,93	10,72	2,98	10,95	3,01	11,66	3,10	12,12	3,15
	35,0	9,50	2,99	9,97	3,05	10,44	3,08	10,67	3,10	11,37	3,22	11,84	3,27
	40,0	9,03	3,21	9,49	3,26	9,96	3,32	10,20	3,35	10,88	3,39	11,31	3,39
	43,0	8,74	3,24	9,18	3,24	9,62	3,24	9,84	3,24	10,48	3,24	10,89	3,24
	46,0	8,26	2,67	8,63	2,67	9,00	2,67	9,18	2,67	9,71	2,67	10,06	2,67
1.5+1.5+1.5+4.2+4.2	22,0	10,25	2,50	10,68	2,53	11,12	2,64	11,33	2,66	11,99	2,74	12,42	2,79
	25,0	9,98	2,60	10,42	2,68	10,85	2,73	11,07	2,75	11,72	2,83	12,16	2,88
	32,0	9,37	2,86	9,80	2,91	10,24	2,96	10,45	2,99	11,11	3,06	11,54	3,11
	35,0	9,10	2,97	9,54	3,06	9,97	3,07	10,19	3,09	10,84	3,17	11,28	3,22
	40,0	8,66	3,16	9,10	3,21	9,53	3,26	9,75	3,28	10,40	3,36	10,84	3,41
	43,0	8,40	3,28	8,83	3,33	9,27	3,38	9,49	3,40	10,14	3,48	10,57	3,53
	46,0	8,00	3,03	8,38	3,03	8,75	3,03	8,93	3,03	9,46	3,03	9,81	3,03

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104139

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+4.2+5.0	22,0	10,42	2,52	10,89	2,57	11,36	2,63	11,59	2,66	12,29	2,74	12,76	2,80
	25,0	10,14	2,62	10,60	2,68	11,07	2,73	11,31	2,76	12,01	2,84	12,48	2,90
	32,0	9,47	2,88	9,94	2,94	10,41	2,99	10,64	3,02	11,35	3,11	11,81	3,16
	35,0	9,19	3,00	9,66	3,06	10,13	3,09	10,36	3,11	11,06	3,23	11,53	3,28
	40,0	8,72	3,22	9,18	3,27	9,65	3,33	9,89	3,36	10,57	3,40	11,00	3,40
	43,0	8,43	3,25	8,87	3,25	9,31	3,25	9,53	3,25	10,17	3,25	10,58	3,25
	46,0	7,95	2,68	8,32	2,68	8,69	2,68	8,87	2,68	9,40	2,68	9,75	2,68
1.5+1.5+1.5+4.2+6.0	22,0	10,68	2,44	11,15	2,49	11,62	2,55	11,85	2,58	12,55	2,66	13,02	2,72
	25,0	10,40	2,54	10,86	2,60	11,33	2,65	11,57	2,68	12,27	2,76	12,74	2,82
	32,0	9,73	2,80	10,20	2,86	10,67	2,91	10,90	2,94	11,61	3,03	12,07	3,08
	35,0	9,45	2,92	9,92	2,98	10,39	3,01	10,62	3,03	11,32	3,15	11,79	3,20
	40,0	8,98	3,14	9,44	3,19	9,91	3,25	10,15	3,28	10,83	3,32	11,26	3,32
	43,0	8,69	3,17	9,13	3,17	9,57	3,17	9,79	3,17	10,43	3,17	10,84	3,17
	46,0	8,21	2,60	8,58	2,60	8,95	2,60	9,13	2,60	9,66	2,60	10,01	2,60
1.5+1.5+1.5+5.0+5.0	22,0	10,61	2,54	11,08	2,59	11,55	2,65	11,78	2,68	12,48	2,76	12,95	2,82
	25,0	10,33	2,64	10,79	2,70	11,26	2,75	11,50	2,78	12,20	2,86	12,67	2,92
	32,0	9,66	2,90	10,13	2,96	10,60	3,01	10,83	3,04	11,54	3,13	12,00	3,18
	35,0	9,38	3,02	9,85	3,08	10,32	3,11	10,55	3,13	11,25	3,25	11,72	3,30
	40,0	8,91	3,24	9,37	3,29	9,84	3,35	10,08	3,38	10,76	3,42	11,19	3,42
	43,0	8,62	3,27	9,06	3,27	9,50	3,27	9,72	3,27	10,36	3,27	10,77	3,27
	46,0	8,14	2,70	8,51	2,70	8,88	2,70	9,06	2,70	9,59	2,70	9,94	2,70
1.5+1.5+1.5+5.0+6.0	22,0	10,76	2,39	11,23	2,44	11,70	2,50	11,93	2,53	12,63	2,61	13,10	2,67
	25,0	10,48	2,49	10,94	2,55	11,41	2,60	11,65	2,63	12,35	2,71	12,82	2,77
	32,0	9,81	2,75	10,28	2,81	10,75	2,86	10,98	2,89	11,69	2,98	12,15	3,03
	35,0	9,53	2,87	10,00	2,93	10,47	2,96	10,70	2,98	11,40	3,10	11,87	3,15
	40,0	9,06	3,09	9,52	3,14	9,99	3,20	10,23	3,23	10,91	3,27	11,34	3,27
	43,0	8,77	3,12	9,21	3,12	9,65	3,12	9,87	3,12	10,51	3,12	10,92	3,12
	46,0	8,29	2,55	8,66	2,55	9,03	2,55	9,21	2,55	9,74	2,55	10,09	2,55
1.5+1.5+2.0+2.0+2.0	22,0	8,75	1,72	9,17	1,76	9,59	1,81	9,79	1,83	10,42	1,90	10,83	1,94
	25,0	8,50	1,80	8,92	1,85	9,33	1,89	9,54	1,91	10,16	1,98	10,58	2,03
	32,0	7,91	2,01	8,33	2,06	8,74	2,10	8,95	2,13	8,98	2,19	9,99	2,24
	35,0	7,66	2,11	8,08	2,16	8,49	2,20	8,70	2,22	8,94	2,29	9,74	2,34
	40,0	7,24	2,28	7,66	2,33	8,07	2,37	8,28	2,40	8,90	2,46	9,32	2,51
	43,0	6,99	2,39	7,40	2,44	7,82	2,48	8,03	2,50	8,65	2,57	9,07	2,62
	46,0	6,71	2,44	7,09	2,44	7,47	2,44	7,65	2,44	8,19	2,44	8,54	2,44
1.5+1.5+2.0+2.0+2.5	22,0	9,01	1,89	9,43	1,93	9,85	1,98	10,05	2,00	10,68	2,07	11,09	2,11
	25,0	8,76	1,97	9,18	2,02	9,59	2,06	9,80	2,08	10,42	2,15	10,84	2,20
	32,0	8,17	2,18	8,59	2,23	9,00	2,27	9,21	2,30	9,24	2,36	10,25	2,41
	35,0	7,92	2,28	8,34	2,33	8,75	2,37	8,96	2,39	9,20	2,46	10,00	2,51
	40,0	7,50	2,45	7,92	2,50	8,33	2,54	8,54	2,57	9,16	2,63	9,58	2,68
	43,0	7,25	2,56	7,66	2,61	8,08	2,65	8,29	2,67	8,91	2,74	9,33	2,79
	46,0	6,97	2,61	7,35	2,61	7,73	2,61	7,91	2,61	8,45	2,61	8,80	2,61

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.0+2.0+3.5	22,0	9,50	2,05	9,94	2,10	10,38	2,16	10,61	2,18	11,27	2,26	11,72	2,31
	25,0	9,23	2,15	9,67	2,20	10,12	2,25	10,34	2,28	11,00	2,36	11,45	2,41
	32,0	8,60	2,39	9,04	2,44	9,49	2,49	9,71	2,52	10,38	2,60	10,82	2,65
	35,0	8,33	2,50	8,77	2,56	9,22	2,61	9,44	2,63	10,11	2,71	10,55	2,76
	40,0	7,88	2,70	8,32	2,75	8,77	2,81	8,99	2,83	9,66	2,91	10,10	2,96
	43,0	7,61	2,83	8,06	2,88	8,50	2,93	8,72	2,96	9,36	2,99	9,77	2,99
	46,0	7,18	2,42	7,56	2,42	7,92	2,42	8,10	2,42	8,63	2,42	8,98	2,42
1.5+1.5+2.0+2.0+4.2	22,0	9,78	2,24	10,22	2,29	10,66	2,35	10,89	2,37	11,55	2,45	12,00	2,50
	25,0	9,51	2,34	9,95	2,39	10,40	2,44	10,62	2,47	11,28	2,55	11,73	2,60
	32,0	8,88	2,58	9,32	2,63	9,77	2,68	9,99	2,71	10,66	2,79	11,10	2,84
	35,0	8,61	2,69	9,05	2,75	9,50	2,80	9,72	2,82	10,39	2,90	10,83	2,95
	40,0	8,16	2,89	8,60	2,94	9,05	3,00	9,27	3,02	9,94	3,10	10,38	3,15
	43,0	7,89	3,02	8,34	3,07	8,78	3,12	9,00	3,15	9,64	3,18	10,05	3,18
	46,0	7,46	2,61	7,84	2,61	8,20	2,61	8,38	2,61	8,91	2,61	9,26	2,61
1.5+1.5+2.0+2.0+5.0	22,0	10,07	2,28	10,53	2,33	11,00	2,39	11,23	2,42	11,93	2,50	12,39	2,56
	25,0	9,79	2,38	10,25	2,44	10,72	2,49	10,95	2,52	11,65	2,60	12,11	2,66
	32,0	9,13	2,64	9,59	2,70	10,06	2,75	10,29	2,78	10,99	2,87	11,45	2,92
	35,0	8,85	2,76	9,31	2,82	9,78	2,88	10,01	2,90	10,71	2,99	11,17	3,04
	40,0	8,38	2,98	8,84	3,03	9,31	3,09	9,54	3,12	10,22	3,16	10,65	3,16
	43,0	8,09	3,01	8,54	3,01	8,97	3,01	9,19	3,01	9,82	3,01	10,23	3,01
	46,0	7,62	2,44	8,00	2,44	8,36	2,44	8,54	2,44	9,07	2,44	9,42	2,44
1.5+1.5+2.0+2.0+6.0	22,0	10,35	2,20	10,81	2,25	11,28	2,31	11,51	2,34	12,21	2,42	12,67	2,48
	25,0	10,07	2,30	10,53	2,36	11,00	2,41	11,23	2,44	11,93	2,52	12,39	2,58
	32,0	9,41	2,56	9,87	2,62	10,34	2,67	10,57	2,70	11,27	2,79	11,73	2,84
	35,0	9,13	2,68	9,59	2,74	10,06	2,80	10,29	2,82	10,99	2,91	11,45	2,96
	40,0	8,66	2,90	9,12	2,95	9,59	3,01	9,82	3,04	10,50	3,08	10,93	3,08
	43,0	8,37	2,93	8,82	2,93	9,25	2,93	9,47	2,93	10,10	2,93	10,51	2,93
	46,0	7,90	2,36	8,28	2,36	8,64	2,36	8,82	2,36	9,35	2,36	9,70	2,36
1.5+1.5+2.0+2.0+7.1	22,0	10,59	2,34	11,05	2,39	11,52	2,45	11,75	2,48	12,45	2,56	12,91	2,62
	25,0	10,31	2,44	10,77	2,50	11,24	2,55	11,47	2,58	12,17	2,66	12,63	2,72
	32,0	9,65	2,70	10,11	2,76	10,58	2,81	10,81	2,84	11,51	2,93	11,97	2,98
	35,0	9,37	2,82	9,83	2,88	10,30	2,94	10,53	2,96	11,23	3,05	11,69	3,10
	40,0	8,90	3,04	9,36	3,09	9,83	3,15	10,06	3,18	10,74	3,22	11,17	3,22
	43,0	8,61	3,07	9,06	3,07	9,49	3,07	9,71	3,07	10,34	3,07	10,75	3,07
	46,0	8,14	2,50	8,52	2,50	8,88	2,50	9,06	2,50	9,59	2,50	9,94	2,50
1.5+1.5+2.0+2.5+2.5	22,0	9,26	2,00	9,68	2,04	10,10	2,09	10,30	2,11	10,93	2,18	11,34	2,22
	25,0	9,01	2,08	9,43	2,13	9,84	2,17	10,05	2,19	10,67	2,26	11,09	2,31
	32,0	8,42	2,29	8,84	2,34	9,25	2,38	9,46	2,41	9,49	2,47	10,50	2,52
	35,0	8,17	2,39	8,59	2,44	9,00	2,48	9,21	2,50	9,45	2,57	10,25	2,62
	40,0	7,75	2,56	8,17	2,61	8,58	2,65	8,79	2,68	9,41	2,74	9,83	2,79
	43,0	7,50	2,67	7,91	2,72	8,33	2,76	8,54	2,78	9,16	2,85	9,58	2,90
	46,0	7,22	2,72	7,60	2,72	7,98	2,72	8,16	2,72	8,70	2,72	9,05	2,72

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104143

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.0+2.5+3.5	22,0	9,70	2,17	10,14	2,22	10,58	2,28	10,81	2,30	11,47	2,38	11,92	2,43
	25,0	9,43	2,27	9,87	2,32	10,32	2,37	10,54	2,40	11,20	2,48	11,65	2,53
	32,0	8,80	2,51	9,24	2,56	9,69	2,61	9,91	2,64	10,58	2,72	11,02	2,77
	35,0	8,53	2,62	8,97	2,68	9,42	2,73	9,64	2,75	10,31	2,83	10,75	2,88
	40,0	8,08	2,82	8,52	2,87	8,97	2,93	9,19	2,95	9,86	3,03	10,30	3,08
	43,0	7,81	2,95	8,26	3,00	8,70	3,05	8,92	3,08	9,56	3,11	9,97	3,11
	46,0	7,38	2,54	7,76	2,54	8,12	2,54	8,30	2,54	8,83	2,54	9,18	2,54
1.5+1.5+2.0+2.5+4.2	22,0	9,96	2,37	10,40	2,42	10,84	2,48	11,07	2,50	11,73	2,58	12,18	2,63
	25,0	9,69	2,47	10,13	2,52	10,58	2,57	10,80	2,60	11,46	2,68	11,91	2,73
	32,0	9,06	2,71	9,50	2,76	9,95	2,81	10,17	2,84	10,84	2,92	11,28	2,97
	35,0	8,79	2,82	9,23	2,88	9,68	2,93	9,90	2,95	10,57	3,03	11,01	3,08
	40,0	8,34	3,02	8,78	3,07	9,23	3,13	9,45	3,15	10,12	3,23	10,56	3,28
	43,0	8,07	3,15	8,52	3,20	8,96	3,25	9,18	3,28	9,82	3,31	10,23	3,31
	46,0	7,64	2,74	8,02	2,74	8,38	2,74	8,56	2,74	9,09	2,74	9,44	2,74
1.5+1.5+2.0+2.5+5.0	22,0	10,22	2,41	10,68	2,46	11,15	2,52	11,38	2,55	12,08	2,63	12,54	2,69
	25,0	9,94	2,51	10,40	2,57	10,87	2,62	11,10	2,65	11,80	2,73	12,26	2,79
	32,0	9,28	2,77	9,74	2,83	10,21	2,88	10,44	2,91	11,14	3,00	11,60	3,05
	35,0	9,00	2,89	9,46	2,95	9,93	3,01	10,16	3,03	10,86	3,12	11,32	3,17
	40,0	8,53	3,11	8,99	3,16	9,46	3,22	9,69	3,25	10,37	3,29	10,80	3,29
	43,0	8,24	3,14	8,69	3,14	9,12	3,14	9,34	3,14	9,97	3,14	10,38	3,14
	46,0	7,77	2,57	8,15	2,57	8,51	2,57	8,69	2,57	9,22	2,57	9,57	2,57
1.5+1.5+2.0+2.5+6.0	22,0	10,47	2,33	10,93	2,38	11,40	2,44	11,63	2,47	12,33	2,55	12,79	2,61
	25,0	10,19	2,43	10,65	2,49	11,12	2,54	11,35	2,57	12,05	2,65	12,51	2,71
	32,0	9,53	2,69	9,99	2,75	10,46	2,80	10,69	2,83	11,39	2,92	11,85	2,97
	35,0	9,25	2,81	9,71	2,87	10,18	2,93	10,41	2,95	11,11	3,04	11,57	3,09
	40,0	8,78	3,03	9,24	3,08	9,71	3,14	9,94	3,17	10,62	3,21	11,05	3,21
	43,0	8,49	3,06	8,94	3,06	9,37	3,06	9,59	3,06	10,22	3,06	10,63	3,06
	46,0	8,02	2,49	8,40	2,49	8,76	2,49	8,94	2,49	9,47	2,49	9,82	2,49
1.5+1.5+2.0+2.5+7.1	22,0	10,67	2,41	11,13	2,46	11,60	2,52	11,83	2,55	12,53	2,63	12,99	2,69
	25,0	10,39	2,51	10,85	2,57	11,32	2,62	11,55	2,65	12,25	2,73	12,71	2,79
	32,0	9,73	2,77	10,19	2,83	10,66	2,88	10,89	2,91	11,59	3,00	12,05	3,05
	35,0	9,45	2,89	9,91	2,95	10,38	3,01	10,61	3,03	11,31	3,12	11,77	3,17
	40,0	8,98	3,11	9,44	3,16	9,91	3,22	10,14	3,25	10,82	3,29	11,25	3,29
	43,0	8,69	3,14	9,14	3,14	9,57	3,14	9,79	3,14	10,42	3,14	10,83	3,14
	46,0	8,22	2,57	8,60	2,57	8,96	2,57	9,14	2,57	9,67	2,57	10,02	2,57
1.5+1.5+2.0+3.5+3.5	22,0	10,07	2,43	10,50	2,46	10,94	2,57	11,15	2,59	11,81	2,67	12,24	2,72
	25,0	9,80	2,53	10,24	2,61	10,67	2,66	10,89	2,68	11,54	2,76	11,98	2,81
	32,0	9,19	2,79	9,62	2,84	10,06	2,89	10,27	2,92	10,93	2,99	11,36	3,04
	35,0	8,92	2,90	9,36	2,99	9,79	3,00	10,01	3,02	10,66	3,10	11,10	3,15
	40,0	8,48	3,09	8,92	3,14	9,35	3,19	9,57	3,21	10,22	3,29	10,66	3,34
	43,0	8,22	3,21	8,65	3,26	9,09	3,31	9,31	3,33	9,96	3,41	10,39	3,46
	46,0	7,82	2,96	8,20	2,96	8,57	2,96	8,75	2,96	9,28	2,96	9,63	2,96

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.0+3.5+4.2	22,0	10,24	2,49	10,67	2,52	11,11	2,63	11,32	2,65	11,98	2,73	12,41	2,78
	25,0	9,97	2,59	10,41	2,67	10,84	2,72	11,06	2,74	11,71	2,82	12,15	2,87
	32,0	9,36	2,85	9,79	2,90	10,23	2,95	10,44	2,98	11,10	3,05	11,53	3,10
	35,0	9,09	2,96	9,53	3,05	9,96	3,06	10,18	3,08	10,83	3,16	11,27	3,21
	40,0	8,65	3,15	9,09	3,20	9,52	3,25	9,74	3,27	10,39	3,35	10,83	3,40
	43,0	8,39	3,27	8,82	3,32	9,26	3,37	9,48	3,39	10,13	3,47	10,56	3,52
	46,0	7,99	3,02	8,37	3,02	8,74	3,02	8,92	3,02	9,45	3,02	9,80	3,02
1.5+1.5+2.0+3.5+5.0	22,0	10,42	2,52	10,89	2,57	11,36	2,63	11,59	2,66	12,29	2,74	12,76	2,80
	25,0	10,14	2,62	10,60	2,68	11,07	2,73	11,31	2,76	12,01	2,84	12,48	2,90
	32,0	9,47	2,88	9,94	2,94	10,41	2,99	10,64	3,02	11,35	3,11	11,81	3,16
	35,0	9,19	3,00	9,66	3,06	10,13	3,09	10,36	3,11	11,06	3,23	11,53	3,28
	40,0	8,72	3,22	9,18	3,27	9,65	3,33	9,89	3,36	10,57	3,40	11,00	3,40
	43,0	8,43	3,25	8,87	3,25	9,31	3,25	9,53	3,25	10,17	3,25	10,58	3,25
	46,0	7,95	2,68	8,32	2,68	8,69	2,68	8,87	2,68	9,40	2,68	9,75	2,68
1.5+1.5+2.0+3.5+6.0	22,0	10,65	2,44	11,12	2,49	11,59	2,55	11,82	2,58	12,52	2,66	12,99	2,72
	25,0	10,37	2,54	10,83	2,60	11,30	2,65	11,54	2,68	12,24	2,76	12,71	2,82
	32,0	9,70	2,80	10,17	2,86	10,64	2,91	10,87	2,94	11,58	3,03	12,04	3,08
	35,0	9,42	2,92	9,89	2,98	10,36	3,01	10,59	3,03	11,29	3,15	11,76	3,20
	40,0	8,95	3,14	9,41	3,19	9,88	3,25	10,12	3,28	10,80	3,32	11,23	3,32
	43,0	8,66	3,17	9,10	3,17	9,54	3,17	9,76	3,17	10,40	3,17	10,81	3,17
	46,0	8,18	2,60	8,55	2,60	8,92	2,60	9,10	2,60	9,63	2,60	9,98	2,60
1.5+1.5+2.0+3.5+7.1	22,0	10,77	2,51	11,24	2,56	11,71	2,62	11,94	2,65	12,64	2,73	13,11	2,79
	25,0	10,49	2,61	10,95	2,67	11,42	2,72	11,66	2,75	12,36	2,83	12,83	2,89
	32,0	9,82	2,87	10,29	2,93	10,76	2,98	10,99	3,01	11,70	3,10	12,16	3,15
	35,0	9,54	2,99	10,01	3,05	10,48	3,08	10,71	3,10	11,41	3,22	11,88	3,27
	40,0	9,07	3,21	9,53	3,26	10,00	3,32	10,24	3,35	10,92	3,39	11,35	3,39
	43,0	8,78	3,24	9,22	3,24	9,66	3,24	9,88	3,24	10,52	3,24	10,93	3,24
	46,0	8,30	2,67	8,67	2,67	9,04	2,67	9,22	2,67	9,75	2,67	10,10	2,67
1.5+1.5+2.0+4.2+4.2	22,0	10,25	2,50	10,68	2,53	11,12	2,64	11,33	2,66	11,99	2,74	12,42	2,79
	25,0	9,98	2,60	10,42	2,68	10,85	2,73	11,07	2,75	11,72	2,83	12,16	2,88
	32,0	9,37	2,86	9,80	2,91	10,24	2,96	10,45	2,99	11,11	3,06	11,54	3,11
	35,0	9,10	2,97	9,54	3,06	9,97	3,07	10,19	3,09	10,84	3,17	11,28	3,22
	40,0	8,66	3,16	9,10	3,21	9,53	3,26	9,75	3,28	10,40	3,36	10,84	3,41
	43,0	8,40	3,28	8,83	3,33	9,27	3,38	9,49	3,40	10,14	3,48	10,57	3,53
	46,0	8,00	3,03	8,38	3,03	8,75	3,03	8,93	3,03	9,46	3,03	9,81	3,03
1.5+1.5+2.0+4.2+5.0	22,0	10,42	2,52	10,89	2,57	11,36	2,63	11,59	2,66	12,29	2,74	12,76	2,80
	25,0	10,14	2,62	10,60	2,68	11,07	2,73	11,31	2,76	12,01	2,84	12,48	2,90
	32,0	9,47	2,88	9,94	2,94	10,41	2,99	10,64	3,02	11,35	3,11	11,81	3,16
	35,0	9,19	3,00	9,66	3,06	10,13	3,09	10,36	3,11	11,06	3,23	11,53	3,28
	40,0	8,72	3,22	9,18	3,27	9,65	3,33	9,89	3,36	10,57	3,40	11,00	3,40
	43,0	8,43	3,25	8,87	3,25	9,31	3,25	9,53	3,25	10,17	3,25	10,58	3,25
	46,0	7,95	2,68	8,32	2,68	8,69	2,68	8,87	2,68	9,40	2,68	9,75	2,68

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104145

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.0+4.2+6.0	22,0	10,74	2,51	11,21	2,56	11,68	2,62	11,91	2,65	12,61	2,73	13,08	2,79
	25,0	10,46	2,61	10,92	2,67	11,39	2,72	11,63	2,75	12,33	2,83	12,80	2,89
	32,0	9,79	2,87	10,26	2,93	10,73	2,98	10,96	3,01	11,67	3,10	12,13	3,15
	35,0	9,51	2,99	9,98	3,05	10,45	3,08	10,68	3,10	11,38	3,22	11,85	3,27
	40,0	9,04	3,21	9,50	3,26	9,97	3,32	10,21	3,35	10,89	3,39	11,32	3,39
	43,0	8,75	3,24	9,19	3,24	9,63	3,24	9,85	3,24	10,49	3,24	10,90	3,24
	46,0	8,27	2,67	8,64	2,67	9,01	2,67	9,19	2,67	9,72	2,67	10,07	2,67
1.5+1.5+2.0+5.0+5.0	22,0	10,72	2,69	11,19	2,74	11,66	2,80	11,89	2,83	12,59	2,91	13,06	2,97
	25,0	10,44	2,79	10,90	2,85	11,37	2,90	11,61	2,93	12,31	3,01	12,78	3,07
	32,0	9,77	3,05	10,24	3,11	10,71	3,16	10,94	3,19	11,65	3,28	12,11	3,33
	35,0	9,49	3,17	9,96	3,23	10,43	3,26	10,66	3,28	11,36	3,40	11,83	3,45
	40,0	9,02	3,39	9,48	3,44	9,95	3,50	10,19	3,53	10,87	3,57	11,30	3,57
	43,0	8,73	3,42	9,17	3,42	9,61	3,42	9,83	3,42	10,47	3,42	10,88	3,42
	46,0	8,25	2,85	8,62	2,85	8,99	2,85	9,17	2,85	9,70	2,85	10,05	2,85
1.5+1.5+2.5+2.5+2.5	22,0	9,49	2,13	9,91	2,17	10,33	2,22	10,53	2,24	11,16	2,31	11,57	2,35
	25,0	9,24	2,21	9,66	2,26	10,07	2,30	10,28	2,32	10,90	2,39	11,32	2,44
	32,0	8,65	2,42	9,07	2,47	9,48	2,51	9,69	2,54	9,72	2,60	10,73	2,65
	35,0	8,40	2,52	8,82	2,57	9,23	2,61	9,44	2,63	9,68	2,70	10,48	2,75
	40,0	7,98	2,69	8,40	2,74	8,81	2,78	9,02	2,81	9,64	2,87	10,06	2,92
	43,0	7,73	2,80	8,14	2,85	8,56	2,89	8,77	2,91	9,39	2,98	9,81	3,03
	46,0	7,45	2,85	7,83	2,85	8,21	2,85	8,39	2,85	8,93	2,85	9,28	2,85
1.5+1.5+2.5+2.5+3.5	22,0	9,89	2,30	10,33	2,35	10,77	2,41	11,00	2,43	11,66	2,51	12,11	2,56
	25,0	9,62	2,40	10,06	2,45	10,51	2,50	10,73	2,53	11,39	2,61	11,84	2,66
	32,0	8,99	2,64	9,43	2,69	9,88	2,74	10,10	2,77	10,77	2,85	11,21	2,90
	35,0	8,72	2,75	9,16	2,81	9,61	2,86	9,83	2,88	10,50	2,96	10,94	3,01
	40,0	8,27	2,95	8,71	3,00	9,16	3,06	9,38	3,08	10,05	3,16	10,49	3,21
	43,0	8,00	3,08	8,45	3,13	8,89	3,18	9,11	3,21	9,75	3,24	10,16	3,24
	46,0	7,57	2,67	7,95	2,67	8,31	2,67	8,49	2,67	9,02	2,67	9,37	2,67
1.5+1.5+2.5+2.5+4.2	22,0	10,13	2,44	10,57	2,49	11,01	2,55	11,24	2,57	11,90	2,65	12,35	2,70
	25,0	9,86	2,54	10,30	2,59	10,75	2,64	10,97	2,67	11,63	2,75	12,08	2,80
	32,0	9,23	2,78	9,67	2,83	10,12	2,88	10,34	2,91	11,01	2,99	11,45	3,04
	35,0	8,96	2,89	9,40	2,95	9,85	3,00	10,07	3,02	10,74	3,10	11,18	3,15
	40,0	8,51	3,09	8,95	3,14	9,40	3,20	9,62	3,22	10,29	3,30	10,73	3,35
	43,0	8,24	3,22	8,69	3,27	9,13	3,32	9,35	3,35	9,99	3,38	10,40	3,38
	46,0	7,81	2,81	8,19	2,81	8,55	2,81	8,73	2,81	9,26	2,81	9,61	2,81
1.5+1.5+2.5+2.5+5.0	22,0	10,35	2,49	10,81	2,54	11,28	2,60	11,51	2,63	12,21	2,71	12,67	2,77
	25,0	10,07	2,59	10,53	2,65	11,00	2,70	11,23	2,73	11,93	2,81	12,39	2,87
	32,0	9,41	2,85	9,87	2,91	10,34	2,96	10,57	2,99	11,27	3,08	11,73	3,13
	35,0	9,13	2,97	9,59	3,03	10,06	3,09	10,29	3,11	10,99	3,20	11,45	3,25
	40,0	8,66	3,19	9,12	3,24	9,59	3,30	9,82	3,33	10,50	3,37	10,93	3,37
	43,0	8,37	3,22	8,82	3,22	9,25	3,22	9,47	3,22	10,10	3,22	10,51	3,22
	46,0	7,90	2,65	8,28	2,65	8,64	2,65	8,82	2,65	9,35	2,65	9,70	2,65

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.5+2.5+6.0	22,0	10,58	2,41	11,04	2,46	11,51	2,52	11,74	2,55	12,44	2,63	12,90	2,69
	25,0	10,30	2,51	10,76	2,57	11,23	2,62	11,46	2,65	12,16	2,73	12,62	2,79
	32,0	9,64	2,77	10,10	2,83	10,57	2,88	10,80	2,91	11,50	3,00	11,96	3,05
	35,0	9,36	2,89	9,82	2,95	10,29	3,01	10,52	3,03	11,22	3,12	11,68	3,17
	40,0	8,89	3,11	9,35	3,16	9,82	3,22	10,05	3,25	10,73	3,29	11,16	3,29
	43,0	8,60	3,14	9,05	3,14	9,48	3,14	9,70	3,14	10,33	3,14	10,74	3,14
	46,0	8,13	2,57	8,51	2,57	8,87	2,57	9,05	2,57	9,58	2,57	9,93	2,57
1.5+1.5+2.5+2.5+7.1	22,0	10,73	2,48	11,19	2,53	11,66	2,59	11,89	2,62	12,59	2,70	13,05	2,76
	25,0	10,45	2,58	10,91	2,64	11,38	2,69	11,61	2,72	12,31	2,80	12,77	2,86
	32,0	9,79	2,84	10,25	2,90	10,72	2,95	10,95	2,98	11,65	3,07	12,11	3,12
	35,0	9,51	2,96	9,97	3,02	10,44	3,08	10,67	3,10	11,37	3,19	11,83	3,24
	40,0	9,04	3,18	9,50	3,23	9,97	3,29	10,20	3,32	10,88	3,36	11,31	3,36
	43,0	8,75	3,21	9,20	3,21	9,63	3,21	9,85	3,21	10,48	3,21	10,89	3,21
	46,0	8,28	2,64	8,66	2,64	9,02	2,64	9,20	2,64	9,73	2,64	10,08	2,64
1.5+1.5+2.5+3.5+3.5	22,0	10,22	2,49	10,65	2,52	11,09	2,63	11,30	2,65	11,96	2,73	12,39	2,78
	25,0	9,95	2,59	10,39	2,67	10,82	2,72	11,04	2,74	11,69	2,82	12,13	2,87
	32,0	9,34	2,85	9,77	2,90	10,21	2,95	10,42	2,98	11,08	3,05	11,51	3,10
	35,0	9,07	2,96	9,51	3,05	9,94	3,06	10,16	3,08	10,81	3,16	11,25	3,21
	40,0	8,63	3,15	9,07	3,20	9,50	3,25	9,72	3,27	10,37	3,35	10,81	3,40
	43,0	8,37	3,27	8,80	3,32	9,24	3,37	9,46	3,39	10,11	3,47	10,54	3,52
	46,0	7,97	3,02	8,35	3,02	8,72	3,02	8,90	3,02	9,43	3,02	9,78	3,02
1.5+1.5+2.5+3.5+4.2	22,0	10,24	2,49	10,67	2,52	11,11	2,63	11,32	2,65	11,98	2,73	12,41	2,78
	25,0	9,97	2,59	10,41	2,67	10,84	2,72	11,06	2,74	11,71	2,82	12,15	2,87
	32,0	9,36	2,85	9,79	2,90	10,23	2,95	10,44	2,98	11,10	3,05	11,53	3,10
	35,0	9,09	2,96	9,53	3,05	9,96	3,06	10,18	3,08	10,83	3,16	11,27	3,21
	40,0	8,65	3,15	9,09	3,20	9,52	3,25	9,74	3,27	10,39	3,35	10,83	3,40
	43,0	8,39	3,27	8,82	3,32	9,26	3,37	9,48	3,39	10,13	3,47	10,56	3,52
	46,0	7,99	3,02	8,37	3,02	8,74	3,02	8,92	3,02	9,45	3,02	9,80	3,02
1.5+1.5+2.5+3.5+5.0	22,0	10,42	2,52	10,89	2,57	11,36	2,63	11,59	2,66	12,29	2,74	12,76	2,80
	25,0	10,14	2,62	10,60	2,68	11,07	2,73	11,31	2,76	12,01	2,84	12,48	2,90
	32,0	9,47	2,88	9,94	2,94	10,41	2,99	10,64	3,02	11,35	3,11	11,81	3,16
	35,0	9,19	3,00	9,66	3,06	10,13	3,09	10,36	3,11	11,06	3,23	11,53	3,28
	40,0	8,72	3,22	9,18	3,27	9,65	3,33	9,89	3,36	10,57	3,40	11,00	3,40
	43,0	8,43	3,25	8,87	3,25	9,31	3,25	9,53	3,25	10,17	3,25	10,58	3,25
	46,0	7,95	2,68	8,32	2,68	8,69	2,68	8,87	2,68	9,40	2,68	9,75	2,68
1.5+1.5+2.5+3.5+6.0	22,0	10,72	2,51	11,19	2,56	11,66	2,62	11,89	2,65	12,59	2,73	13,06	2,79
	25,0	10,44	2,61	10,90	2,67	11,37	2,72	11,61	2,75	12,31	2,83	12,78	2,89
	32,0	9,77	2,87	10,24	2,93	10,71	2,98	10,94	3,01	11,65	3,10	12,11	3,15
	35,0	9,49	2,99	9,96	3,05	10,43	3,08	10,66	3,10	11,36	3,22	11,83	3,27
	40,0	9,02	3,21	9,48	3,26	9,95	3,32	10,19	3,35	10,87	3,39	11,30	3,39
	43,0	8,73	3,24	9,17	3,24	9,61	3,24	9,83	3,24	10,47	3,24	10,88	3,24
	46,0	8,25	2,67	8,62	2,67	8,99	2,67	9,17	2,67	9,70	2,67	10,05	2,67

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104148

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.5+4.2+4.2	22,0	10,25	2,50	10,68	2,53	11,12	2,64	11,33	2,66	11,99	2,74	12,42	2,79
	25,0	9,98	2,60	10,42	2,68	10,85	2,73	11,07	2,75	11,72	2,83	12,16	2,88
	32,0	9,37	2,86	9,80	2,91	10,24	2,96	10,45	2,99	11,11	3,06	11,54	3,11
	35,0	9,10	2,97	9,54	3,06	9,97	3,07	10,19	3,09	10,84	3,17	11,28	3,22
	40,0	8,66	3,16	9,10	3,21	9,53	3,26	9,75	3,28	10,40	3,36	10,84	3,41
	43,0	8,40	3,28	8,83	3,33	9,27	3,38	9,49	3,40	10,14	3,48	10,57	3,53
	46,0	8,00	3,03	8,38	3,03	8,75	3,03	8,93	3,03	9,46	3,03	9,81	3,03
1.5+1.5+2.5+4.2+5.0	22,0	10,68	2,80	11,15	2,85	11,62	2,91	11,85	2,94	12,55	3,02	13,02	3,08
	25,0	10,40	2,90	10,86	2,96	11,33	3,01	11,57	3,04	12,27	3,12	12,74	3,18
	32,0	9,73	3,16	10,20	3,22	10,67	3,27	10,90	3,30	11,61	3,39	12,07	3,44
	35,0	9,45	3,28	9,92	3,34	10,39	3,37	10,62	3,39	11,32	3,51	11,79	3,56
	40,0	8,98	3,50	9,44	3,55	9,91	3,61	10,15	3,64	10,83	3,68	11,26	3,68
	43,0	8,69	3,53	9,13	3,53	9,57	3,53	9,79	3,53	10,43	3,53	10,84	3,53
	46,0	8,21	2,96	8,58	2,96	8,95	2,96	9,13	2,96	9,66	2,96	10,01	2,96
1.5+1.5+2.5+5.0+5.0	22,0	10,76	2,69	11,23	2,74	11,70	2,80	11,93	2,83	12,63	2,91	13,10	2,97
	25,0	10,48	2,79	10,94	2,85	11,41	2,90	11,65	2,93	12,35	3,01	12,82	3,07
	32,0	9,81	3,05	10,28	3,11	10,75	3,16	10,98	3,19	11,69	3,28	12,15	3,33
	35,0	9,53	3,17	10,00	3,23	10,47	3,26	10,70	3,28	11,40	3,40	11,87	3,45
	40,0	9,06	3,39	9,52	3,44	9,99	3,50	10,23	3,53	10,91	3,57	11,34	3,57
	43,0	8,77	3,42	9,21	3,42	9,65	3,42	9,87	3,42	10,51	3,42	10,92	3,42
	46,0	8,29	2,85	8,66	2,85	9,03	2,85	9,21	2,85	9,74	2,85	10,09	2,85
1.5+1.5+3.5+3.5+3.5	22,0	10,24	2,46	10,71	2,51	11,18	2,57	11,41	2,60	12,11	2,68	12,58	2,74
	25,0	9,96	2,56	10,42	2,62	10,89	2,67	11,13	2,70	11,83	2,78	12,30	2,84
	32,0	9,29	2,82	9,76	2,88	10,23	2,93	10,46	2,96	11,17	3,05	11,63	3,10
	35,0	9,01	2,94	9,48	3,00	9,95	3,06	10,18	3,08	10,88	3,17	11,35	3,22
	40,0	8,54	3,16	9,00	3,21	9,47	3,27	9,71	3,30	10,39	3,34	10,82	3,34
	43,0	8,34	3,19	8,69	3,19	9,13	3,19	9,35	3,19	9,99	3,19	10,40	3,19
	46,0	7,77	2,62	8,14	2,62	8,51	2,62	8,69	2,62	9,22	2,62	9,57	2,62
1.5+1.5+3.5+3.5+4.2	22,0	10,25	2,47	10,72	2,52	11,19	2,58	11,42	2,61	12,12	2,69	12,59	2,75
	25,0	9,97	2,57	10,43	2,63	10,90	2,68	11,14	2,71	11,84	2,79	12,31	2,85
	32,0	9,30	2,83	9,77	2,89	10,24	2,94	10,47	2,97	11,18	3,06	11,64	3,11
	35,0	9,02	2,95	9,49	3,01	9,96	3,07	10,19	3,09	10,89	3,18	11,36	3,23
	40,0	8,55	3,17	9,01	3,22	9,48	3,28	9,72	3,31	10,40	3,35	10,83	3,35
	43,0	8,35	3,20	8,70	3,20	9,14	3,20	9,36	3,20	10,00	3,20	10,41	3,20
	46,0	7,78	2,63	8,15	2,63	8,52	2,63	8,70	2,63	9,23	2,63	9,58	2,63
1.5+1.5+3.5+3.5+5.0	22,0	10,72	2,79	11,19	2,84	11,66	2,90	11,89	2,93	12,59	3,01	13,06	3,07
	25,0	10,44	2,89	10,90	2,95	11,37	3,00	11,61	3,03	12,31	3,11	12,78	3,17
	32,0	9,77	3,15	10,24	3,21	10,71	3,26	10,94	3,29	11,65	3,38	12,11	3,43
	35,0	9,49	3,27	9,96	3,33	10,43	3,36	10,66	3,38	11,36	3,50	11,83	3,55
	40,0	9,02	3,49	9,48	3,54	9,95	3,60	10,19	3,63	10,87	3,67	11,30	3,67
	43,0	8,73	3,52	9,17	3,52	9,61	3,52	9,83	3,52	10,47	3,52	10,88	3,52
	46,0	8,25	2,95	8,62	2,95	8,99	2,95	9,17	2,95	9,70	2,95	10,05	2,95

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+3.5+4.2+4.2	22,0	10,71	2,95	11,18	3,00	11,65	3,06	11,88	3,09	12,58	3,17	13,05	3,23
	25,0	10,43	3,05	10,89	3,11	11,36	3,16	11,60	3,19	12,30	3,27	12,77	3,33
	32,0	9,76	3,31	10,23	3,37	10,70	3,42	10,93	3,45	11,64	3,54	12,10	3,59
	35,0	9,48	3,43	9,95	3,49	10,42	3,55	10,65	3,57	11,35	3,66	11,82	3,71
	40,0	9,01	3,65	9,47	3,70	9,94	3,76	10,18	3,79	10,86	3,83	11,29	3,83
	43,0	8,81	3,68	9,16	3,68	9,60	3,68	9,82	3,68	10,46	3,68	10,87	3,68
	46,0	8,24	3,11	8,61	3,11	8,98	3,11	9,16	3,11	9,69	3,11	10,04	3,11
1.5+2.0+2.0+2.0+2.0	22,0	9,01	1,89	9,43	1,93	9,85	1,98	10,05	2,00	10,68	2,07	11,09	2,11
	25,0	8,76	1,97	9,18	2,02	9,59	2,06	9,80	2,08	10,42	2,15	10,84	2,20
	32,0	8,17	2,18	8,59	2,23	9,00	2,27	9,21	2,30	9,24	2,36	10,25	2,41
	35,0	7,92	2,28	8,34	2,33	8,75	2,37	8,96	2,39	9,20	2,46	10,00	2,51
	40,0	7,50	2,45	7,92	2,50	8,33	2,54	8,54	2,57	9,16	2,63	9,58	2,68
	43,0	7,25	2,56	7,66	2,61	8,08	2,65	8,29	2,67	8,91	2,74	9,33	2,79
	46,0	6,97	2,61	7,35	2,61	7,73	2,61	7,91	2,61	8,45	2,61	8,80	2,61
1.5+2.0+2.0+2.0+2.5	22,0	9,26	2,00	9,68	2,04	10,10	2,09	10,30	2,11	10,93	2,18	11,34	2,22
	25,0	9,01	2,08	9,43	2,13	9,84	2,17	10,05	2,19	10,67	2,26	11,09	2,31
	32,0	8,42	2,29	8,84	2,34	9,25	2,38	9,46	2,41	9,49	2,47	10,50	2,52
	35,0	8,17	2,39	8,59	2,44	9,00	2,48	9,21	2,50	9,45	2,57	10,25	2,62
	40,0	7,75	2,56	8,17	2,61	8,58	2,65	8,79	2,68	9,41	2,74	9,83	2,79
	43,0	7,50	2,67	7,91	2,72	8,33	2,76	8,54	2,78	9,16	2,85	9,58	2,90
	46,0	7,22	2,72	7,60	2,72	7,98	2,72	8,16	2,72	8,70	2,72	9,05	2,72
1.5+2.0+2.0+2.0+3.5	22,0	9,70	2,17	10,14	2,22	10,58	2,28	10,81	2,30	11,47	2,38	11,92	2,43
	25,0	9,43	2,27	9,87	2,32	10,32	2,37	10,54	2,40	11,20	2,48	11,65	2,53
	32,0	8,80	2,51	9,24	2,56	9,69	2,61	9,91	2,64	10,58	2,72	11,02	2,77
	35,0	8,53	2,62	8,97	2,68	9,42	2,73	9,64	2,75	10,31	2,83	10,75	2,88
	40,0	8,08	2,82	8,52	2,87	8,97	2,93	9,19	2,95	9,86	3,03	10,30	3,08
	43,0	7,81	2,95	8,26	3,00	8,70	3,05	8,92	3,08	9,56	3,11	9,97	3,11
	46,0	7,38	2,54	7,76	2,54	8,12	2,54	8,30	2,54	8,83	2,54	9,18	2,54
1.5+2.0+2.0+2.0+4.2	22,0	9,96	2,37	10,40	2,42	10,84	2,48	11,07	2,50	11,73	2,58	12,18	2,63
	25,0	9,69	2,47	10,13	2,52	10,58	2,57	10,80	2,60	11,46	2,68	11,91	2,73
	32,0	9,06	2,71	9,50	2,76	9,95	2,81	10,17	2,84	10,84	2,92	11,28	2,97
	35,0	8,79	2,82	9,23	2,88	9,68	2,93	9,90	2,95	10,57	3,03	11,01	3,08
	40,0	8,34	3,02	8,78	3,07	9,23	3,13	9,45	3,15	10,12	3,23	10,56	3,28
	43,0	8,07	3,15	8,52	3,20	8,96	3,25	9,18	3,28	9,82	3,31	10,23	3,31
	46,0	7,64	2,74	8,02	2,74	8,38	2,74	8,56	2,74	9,09	2,74	9,44	2,74
1.5+2.0+2.0+2.0+5.0	22,0	10,22	2,41	10,68	2,46	11,15	2,52	11,38	2,55	12,08	2,63	12,54	2,69
	25,0	9,94	2,51	10,40	2,57	10,87	2,62	11,10	2,65	11,80	2,73	12,26	2,79
	32,0	9,28	2,77	9,74	2,83	10,21	2,88	10,44	2,91	11,14	3,00	11,60	3,05
	35,0	9,00	2,89	9,46	2,95	9,93	3,01	10,16	3,03	10,86	3,12	11,32	3,17
	40,0	8,53	3,11	8,99	3,16	9,46	3,22	9,69	3,25	10,37	3,29	10,80	3,29
	43,0	8,24	3,14	8,69	3,14	9,12	3,14	9,34	3,14	9,97	3,14	10,38	3,14
	46,0	7,77	2,57	8,15	2,57	8,51	2,57	8,69	2,57	9,22	2,57	9,57	2,57

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104151

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.0+2.0+6.0	22,0	10,47	2,33	10,93	2,38	11,40	2,44	11,63	2,47	12,33	2,55	12,79	2,61
	25,0	10,19	2,43	10,65	2,49	11,12	2,54	11,35	2,57	12,05	2,65	12,51	2,71
	32,0	9,53	2,69	9,99	2,75	10,46	2,80	10,69	2,83	11,39	2,92	11,85	2,97
	35,0	9,25	2,81	9,71	2,87	10,18	2,93	10,41	2,95	11,11	3,04	11,57	3,09
	40,0	8,78	3,03	9,24	3,08	9,71	3,14	9,94	3,17	10,62	3,21	11,05	3,21
	43,0	8,49	3,06	8,94	3,06	9,37	3,06	9,59	3,06	10,22	3,06	10,63	3,06
	46,0	8,02	2,49	8,40	2,49	8,76	2,49	8,94	2,49	9,47	2,49	9,82	2,49
1.5+2.0+2.0+2.0+7.1	22,0	10,67	2,41	11,13	2,46	11,60	2,52	11,83	2,55	12,53	2,63	12,99	2,69
	25,0	10,39	2,51	10,85	2,57	11,32	2,62	11,55	2,65	12,25	2,73	12,71	2,79
	32,0	9,73	2,77	10,19	2,83	10,66	2,88	10,89	2,91	11,59	3,00	12,05	3,05
	35,0	9,45	2,89	9,91	2,95	10,38	3,01	10,61	3,03	11,31	3,12	11,77	3,17
	40,0	8,98	3,11	9,44	3,16	9,91	3,22	10,14	3,25	10,82	3,29	11,25	3,29
	43,0	8,69	3,14	9,14	3,14	9,57	3,14	9,79	3,14	10,42	3,14	10,83	3,14
	46,0	8,22	2,57	8,60	2,57	8,96	2,57	9,14	2,57	9,67	2,57	10,02	2,57
1.5+2.0+2.0+2.5+2.5	22,0	9,49	2,13	9,91	2,17	10,33	2,22	10,53	2,24	11,16	2,31	11,57	2,35
	25,0	9,24	2,21	9,66	2,26	10,07	2,30	10,28	2,32	10,90	2,39	11,32	2,44
	32,0	8,65	2,42	9,07	2,47	9,48	2,51	9,69	2,54	9,72	2,60	10,73	2,65
	35,0	8,40	2,52	8,82	2,57	9,23	2,61	9,44	2,63	9,68	2,70	10,48	2,75
	40,0	7,98	2,69	8,40	2,74	8,81	2,78	9,02	2,81	9,64	2,87	10,06	2,92
	43,0	7,73	2,80	8,14	2,85	8,56	2,89	8,77	2,91	9,39	2,98	9,81	3,03
	46,0	7,45	2,85	7,83	2,85	8,21	2,85	8,39	2,85	8,93	2,85	9,28	2,85
1.5+2.0+2.0+2.5+3.5	22,0	9,89	2,30	10,33	2,35	10,77	2,41	11,00	2,43	11,66	2,51	12,11	2,56
	25,0	9,62	2,40	10,06	2,45	10,51	2,50	10,73	2,53	11,39	2,61	11,84	2,66
	32,0	8,99	2,64	9,43	2,69	9,88	2,74	10,10	2,77	10,77	2,85	11,21	2,90
	35,0	8,72	2,75	9,16	2,81	9,61	2,86	9,83	2,88	10,50	2,96	10,94	3,01
	40,0	8,27	2,95	8,71	3,00	9,16	3,06	9,38	3,08	10,05	3,16	10,49	3,21
	43,0	8,00	3,08	8,45	3,13	8,89	3,18	9,11	3,21	9,75	3,24	10,16	3,24
	46,0	7,57	2,67	7,95	2,67	8,31	2,67	8,49	2,67	9,02	2,67	9,37	2,67
1.5+2.0+2.0+2.5+4.2	22,0	10,13	2,44	10,57	2,49	11,01	2,55	11,24	2,57	11,90	2,65	12,35	2,70
	25,0	9,86	2,54	10,30	2,59	10,75	2,64	10,97	2,67	11,63	2,75	12,08	2,80
	32,0	9,23	2,78	9,67	2,83	10,12	2,88	10,34	2,91	11,01	2,99	11,45	3,04
	35,0	8,96	2,89	9,40	2,95	9,85	3,00	10,07	3,02	10,74	3,10	11,18	3,15
	40,0	8,51	3,09	8,95	3,14	9,40	3,20	9,62	3,22	10,29	3,30	10,73	3,35
	43,0	8,24	3,22	8,69	3,27	9,13	3,32	9,35	3,35	9,99	3,38	10,40	3,38
	46,0	7,81	2,81	8,19	2,81	8,55	2,81	8,73	2,81	9,26	2,81	9,61	2,81
1.5+2.0+2.0+2.5+5.0	22,0	10,35	2,49	10,81	2,54	11,28	2,60	11,51	2,63	12,21	2,71	12,67	2,77
	25,0	10,07	2,59	10,53	2,65	11,00	2,70	11,23	2,73	11,93	2,81	12,39	2,87
	32,0	9,41	2,85	9,87	2,91	10,34	2,96	10,57	2,99	11,27	3,08	11,73	3,13
	35,0	9,13	2,97	9,59	3,03	10,06	3,09	10,29	3,11	10,99	3,20	11,45	3,25
	40,0	8,66	3,19	9,12	3,24	9,59	3,30	9,82	3,33	10,50	3,37	10,93	3,37
	43,0	8,37	3,22	8,82	3,22	9,25	3,22	9,47	3,22	10,10	3,22	10,51	3,22
	46,0	7,90	2,65	8,28	2,65	8,64	2,65	8,82	2,65	9,35	2,65	9,70	2,65

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.0+2.5+6.0	22,0	10,58	2,41	11,04	2,46	11,51	2,52	11,74	2,55	12,44	2,63	12,90	2,69
	25,0	10,30	2,51	10,76	2,57	11,23	2,62	11,46	2,65	12,16	2,73	12,62	2,79
	32,0	9,64	2,77	10,10	2,83	10,57	2,88	10,80	2,91	11,50	3,00	11,96	3,05
	35,0	9,36	2,89	9,82	2,95	10,29	3,01	10,52	3,03	11,22	3,12	11,68	3,17
	40,0	8,89	3,11	9,35	3,16	9,82	3,22	10,05	3,25	10,73	3,29	11,16	3,29
	43,0	8,60	3,14	9,05	3,14	9,48	3,14	9,70	3,14	10,33	3,14	10,74	3,14
	46,0	8,13	2,57	8,51	2,57	8,87	2,57	9,05	2,57	9,58	2,57	9,93	2,57
1.5+2.0+2.0+2.5+7.1	22,0	10,73	2,48	11,19	2,53	11,66	2,59	11,89	2,62	12,59	2,70	13,05	2,76
	25,0	10,45	2,58	10,91	2,64	11,38	2,69	11,61	2,72	12,31	2,80	12,77	2,86
	32,0	9,79	2,84	10,25	2,90	10,72	2,95	10,95	2,98	11,65	3,07	12,11	3,12
	35,0	9,51	2,96	9,97	3,02	10,44	3,08	10,67	3,10	11,37	3,19	11,83	3,24
	40,0	9,04	3,18	9,50	3,23	9,97	3,29	10,20	3,32	10,88	3,36	11,31	3,36
	43,0	8,75	3,21	9,20	3,21	9,63	3,21	9,85	3,21	10,48	3,21	10,89	3,21
	46,0	8,28	2,64	8,66	2,64	9,02	2,64	9,20	2,64	9,73	2,64	10,08	2,64
1.5+2.0+2.0+3.5+3.5	22,0	10,22	2,49	10,65	2,52	11,09	2,63	11,30	2,65	11,96	2,73	12,39	2,78
	25,0	9,95	2,59	10,39	2,67	10,82	2,72	11,04	2,74	11,69	2,82	12,13	2,87
	32,0	9,34	2,85	9,77	2,90	10,21	2,95	10,42	2,98	11,08	3,05	11,51	3,10
	35,0	9,07	2,96	9,51	3,05	9,94	3,06	10,16	3,08	10,81	3,16	11,25	3,21
	40,0	8,63	3,15	9,07	3,20	9,50	3,25	9,72	3,27	10,37	3,35	10,81	3,40
	43,0	8,37	3,27	8,80	3,32	9,24	3,37	9,46	3,39	10,11	3,47	10,54	3,52
	46,0	7,97	3,02	8,35	3,02	8,72	3,02	8,90	3,02	9,43	3,02	9,78	3,02
1.5+2.0+2.0+3.5+4.2	22,0	10,24	2,49	10,67	2,52	11,11	2,63	11,32	2,65	11,98	2,73	12,41	2,78
	25,0	9,97	2,59	10,41	2,67	10,84	2,72	11,06	2,74	11,71	2,82	12,15	2,87
	32,0	9,36	2,85	9,79	2,90	10,23	2,95	10,44	2,98	11,10	3,05	11,53	3,10
	35,0	9,09	2,96	9,53	3,05	9,96	3,06	10,18	3,08	10,83	3,16	11,27	3,21
	40,0	8,65	3,15	9,09	3,20	9,52	3,25	9,74	3,27	10,39	3,35	10,83	3,40
	43,0	8,39	3,27	8,82	3,32	9,26	3,37	9,48	3,39	10,13	3,47	10,56	3,52
	46,0	7,99	3,02	8,37	3,02	8,74	3,02	8,92	3,02	9,45	3,02	9,80	3,02
1.5+2.0+2.0+3.5+5.0	22,0	10,42	2,52	10,89	2,57	11,36	2,63	11,59	2,66	12,29	2,74	12,76	2,80
	25,0	10,14	2,62	10,60	2,68	11,07	2,73	11,31	2,76	12,01	2,84	12,48	2,90
	32,0	9,47	2,88	9,94	2,94	10,41	2,99	10,64	3,02	11,35	3,11	11,81	3,16
	35,0	9,19	3,00	9,66	3,06	10,13	3,09	10,36	3,11	11,06	3,23	11,53	3,28
	40,0	8,72	3,22	9,18	3,27	9,65	3,33	9,89	3,36	10,57	3,40	11,00	3,40
	43,0	8,43	3,25	8,87	3,25	9,31	3,25	9,53	3,25	10,17	3,25	10,58	3,25
	46,0	7,95	2,68	8,32	2,68	8,69	2,68	8,87	2,68	9,40	2,68	9,75	2,68
1.5+2.0+2.0+3.5+6.0	22,0	10,72	2,51	11,19	2,56	11,66	2,62	11,89	2,65	12,59	2,73	13,06	2,79
	25,0	10,44	2,61	10,90	2,67	11,37	2,72	11,61	2,75	12,31	2,83	12,78	2,89
	32,0	9,77	2,87	10,24	2,93	10,71	2,98	10,94	3,01	11,65	3,10	12,11	3,15
	35,0	9,49	2,99	9,96	3,05	10,43	3,08	10,66	3,10	11,36	3,22	11,83	3,27
	40,0	9,02	3,21	9,48	3,26	9,95	3,32	10,19	3,35	10,87	3,39	11,30	3,39
	43,0	8,73	3,24	9,17	3,24	9,61	3,24	9,83	3,24	10,47	3,24	10,88	3,24
	46,0	8,25	2,67	8,62	2,67	8,99	2,67	9,17	2,67	9,70	2,67	10,05	2,67

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104152

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.0+4.2+4.2	22,0	10,25	2,50	10,68	2,53	11,12	2,64	11,33	2,66	11,99	2,74	12,42	2,79
	25,0	9,98	2,60	10,42	2,68	10,85	2,73	11,07	2,75	11,72	2,83	12,16	2,88
	32,0	9,37	2,86	9,80	2,91	10,24	2,96	10,45	2,99	11,11	3,06	11,54	3,11
	35,0	9,10	2,97	9,54	3,06	9,97	3,07	10,19	3,09	10,84	3,17	11,28	3,22
	40,0	8,66	3,16	9,10	3,21	9,53	3,26	9,75	3,28	10,40	3,36	10,84	3,41
	43,0	8,40	3,28	8,83	3,33	9,27	3,38	9,49	3,40	10,14	3,48	10,57	3,53
	46,0	8,00	3,03	8,38	3,03	8,75	3,03	8,93	3,03	9,46	3,03	9,81	3,03
1.5+2.0+2.0+4.2+5.0	22,0	10,68	2,80	11,15	2,85	11,62	2,91	11,85	2,94	12,55	3,02	13,02	3,08
	25,0	10,40	2,90	10,86	2,96	11,33	3,01	11,57	3,04	12,27	3,12	12,74	3,18
	32,0	9,73	3,16	10,20	3,22	10,67	3,27	10,90	3,30	11,61	3,39	12,07	3,44
	35,0	9,45	3,28	9,92	3,34	10,39	3,37	10,62	3,39	11,32	3,51	11,79	3,56
	40,0	8,98	3,50	9,44	3,55	9,91	3,61	10,15	3,64	10,83	3,68	11,26	3,68
	43,0	8,69	3,53	9,13	3,53	9,57	3,53	9,79	3,53	10,43	3,53	10,84	3,53
	46,0	8,21	2,96	8,58	2,96	8,95	2,96	9,13	2,96	9,66	2,96	10,01	2,96
1.5+2.0+2.0+5.0+5.0	22,0	10,76	2,69	11,23	2,74	11,70	2,80	11,93	2,83	12,63	2,91	13,10	2,97
	25,0	10,48	2,79	10,94	2,85	11,41	2,90	11,65	2,93	12,35	3,01	12,82	3,07
	32,0	9,81	3,05	10,28	3,11	10,75	3,16	10,98	3,19	11,69	3,28	12,15	3,33
	35,0	9,53	3,17	10,00	3,23	10,47	3,26	10,70	3,28	11,40	3,40	11,87	3,45
	40,0	9,06	3,39	9,52	3,44	9,99	3,50	10,23	3,53	10,91	3,57	11,34	3,57
	43,0	8,77	3,42	9,21	3,42	9,65	3,42	9,87	3,42	10,51	3,42	10,92	3,42
	46,0	8,29	2,85	8,66	2,85	9,03	2,85	9,21	2,85	9,74	2,85	10,09	2,85
1.5+2.0+2.5+2.5+2.5	22,0	9,69	2,25	10,11	2,29	10,53	2,34	10,73	2,36	11,36	2,43	11,77	2,47
	25,0	9,44	2,33	9,86	2,38	10,27	2,42	10,48	2,44	11,10	2,51	11,52	2,56
	32,0	8,85	2,54	9,27	2,59	9,68	2,63	9,89	2,66	9,92	2,72	10,93	2,77
	35,0	8,60	2,64	9,02	2,69	9,43	2,73	9,64	2,75	9,88	2,82	10,68	2,87
	40,0	8,18	2,81	8,60	2,86	9,01	2,90	9,22	2,93	9,84	2,99	10,26	3,04
	43,0	7,93	2,92	8,34	2,97	8,76	3,01	8,97	3,03	9,59	3,10	10,01	3,15
	46,0	7,65	2,97	8,03	2,97	8,41	2,97	8,59	2,97	9,13	2,97	9,48	2,97
1.5+2.0+2.5+2.5+3.5	22,0	10,07	2,44	10,51	2,49	10,95	2,55	11,18	2,57	11,84	2,65	12,29	2,70
	25,0	9,80	2,54	10,24	2,59	10,69	2,64	10,91	2,67	11,57	2,75	12,02	2,80
	32,0	9,17	2,78	9,61	2,83	10,06	2,88	10,28	2,91	10,95	2,99	11,39	3,04
	35,0	8,90	2,89	9,34	2,95	9,79	3,00	10,01	3,02	10,68	3,10	11,12	3,15
	40,0	8,45	3,09	8,89	3,14	9,34	3,20	9,56	3,22	10,23	3,30	10,67	3,35
	43,0	8,18	3,22	8,63	3,27	9,07	3,32	9,29	3,35	9,93	3,38	10,34	3,38
	46,0	7,75	2,81	8,13	2,81	8,49	2,81	8,67	2,81	9,20	2,81	9,55	2,81
1.5+2.0+2.5+2.5+4.2	22,0	10,23	2,50	10,67	2,55	11,11	2,61	11,34	2,63	12,00	2,71	12,45	2,76
	25,0	9,96	2,60	10,40	2,65	10,85	2,70	11,07	2,73	11,73	2,81	12,18	2,86
	32,0	9,33	2,84	9,77	2,89	10,22	2,94	10,44	2,97	11,11	3,05	11,55	3,10
	35,0	9,06	2,95	9,50	3,01	9,95	3,06	10,17	3,08	10,84	3,16	11,28	3,21
	40,0	8,61	3,15	9,05	3,20	9,50	3,26	9,72	3,28	10,39	3,36	10,83	3,41
	43,0	8,34	3,28	8,79	3,33	9,23	3,38	9,45	3,41	10,09	3,44	10,50	3,44
	46,0	7,91	2,87	8,29	2,87	8,65	2,87	8,83	2,87	9,36	2,87	9,71	2,87

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.5+2.5+5.0	22,0	10,41	2,49	10,87	2,54	11,34	2,60	11,57	2,63	12,27	2,71	12,73	2,77
	25,0	10,13	2,59	10,59	2,65	11,06	2,70	11,29	2,73	11,99	2,81	12,45	2,87
	32,0	9,47	2,85	9,93	2,91	10,40	2,96	10,63	2,99	11,33	3,08	11,79	3,13
	35,0	9,19	2,97	9,65	3,03	10,12	3,09	10,35	3,11	11,05	3,20	11,51	3,25
	40,0	8,72	3,19	9,18	3,24	9,65	3,30	9,88	3,33	10,56	3,37	10,99	3,37
	43,0	8,43	3,22	8,88	3,22	9,31	3,22	9,53	3,22	10,16	3,22	10,57	3,22
	46,0	7,96	2,65	8,34	2,65	8,70	2,65	8,88	2,65	9,41	2,65	9,76	2,65
1.5+2.0+2.5+2.5+6.0	22,0	10,65	2,41	11,11	2,46	11,58	2,52	11,81	2,55	12,51	2,63	12,97	2,69
	25,0	10,37	2,51	10,83	2,57	11,30	2,62	11,53	2,65	12,23	2,73	12,69	2,79
	32,0	9,71	2,77	10,17	2,83	10,64	2,88	10,87	2,91	11,57	3,00	12,03	3,05
	35,0	9,43	2,89	9,89	2,95	10,36	3,01	10,59	3,03	11,29	3,12	11,75	3,17
	40,0	8,96	3,11	9,42	3,16	9,89	3,22	10,12	3,25	10,80	3,29	11,23	3,29
	43,0	8,67	3,14	9,12	3,14	9,55	3,14	9,77	3,14	10,40	3,14	10,81	3,14
	46,0	8,20	2,57	8,58	2,57	8,94	2,57	9,12	2,57	9,65	2,57	10,00	2,57
1.5+2.0+2.5+2.5+7.1	22,0	10,77	2,48	11,23	2,53	11,70	2,59	11,93	2,62	12,63	2,70	13,09	2,76
	25,0	10,49	2,58	10,95	2,64	11,42	2,69	11,65	2,72	12,35	2,80	12,81	2,86
	32,0	9,83	2,84	10,29	2,90	10,76	2,95	10,99	2,98	11,69	3,07	12,15	3,12
	35,0	9,55	2,96	10,01	3,02	10,48	3,08	10,71	3,10	11,41	3,19	11,87	3,24
	40,0	9,08	3,18	9,54	3,23	10,01	3,29	10,24	3,32	10,92	3,36	11,35	3,36
	43,0	8,79	3,21	9,24	3,21	9,67	3,21	9,89	3,21	10,52	3,21	10,93	3,21
	46,0	8,32	2,64	8,70	2,64	9,06	2,64	9,24	2,64	9,77	2,64	10,12	2,64
1.5+2.0+2.5+3.5+3.5	22,0	10,23	2,49	10,66	2,52	11,10	2,63	11,31	2,65	11,97	2,73	12,40	2,78
	25,0	9,96	2,59	10,40	2,67	10,83	2,72	11,05	2,74	11,70	2,82	12,14	2,87
	32,0	9,35	2,85	9,78	2,90	10,22	2,95	10,43	2,98	11,09	3,05	11,52	3,10
	35,0	9,08	2,96	9,52	3,05	9,95	3,06	10,17	3,08	10,82	3,16	11,26	3,21
	40,0	8,64	3,15	9,08	3,20	9,51	3,25	9,73	3,27	10,38	3,35	10,82	3,40
	43,0	8,38	3,27	8,81	3,32	9,25	3,37	9,47	3,39	10,12	3,47	10,55	3,52
	46,0	7,98	3,02	8,36	3,02	8,73	3,02	8,91	3,02	9,44	3,02	9,79	3,02
1.5+2.0+2.5+3.5+4.2	22,0	10,24	2,49	10,67	2,52	11,11	2,63	11,32	2,65	11,98	2,73	12,41	2,78
	25,0	9,97	2,59	10,41	2,67	10,84	2,72	11,06	2,74	11,71	2,82	12,15	2,87
	32,0	9,36	2,85	9,79	2,90	10,23	2,95	10,44	2,98	11,10	3,05	11,53	3,10
	35,0	9,09	2,96	9,53	3,05	9,96	3,06	10,18	3,08	10,83	3,16	11,27	3,21
	40,0	8,65	3,15	9,09	3,20	9,52	3,25	9,74	3,27	10,39	3,35	10,83	3,40
	43,0	8,39	3,27	8,82	3,32	9,26	3,37	9,48	3,39	10,13	3,47	10,56	3,52
	46,0	7,99	3,02	8,37	3,02	8,74	3,02	8,92	3,02	9,45	3,02	9,80	3,02
1.5+2.0+2.5+3.5+5.0	22,0	10,42	2,52	10,89	2,57	11,36	2,63	11,59	2,66	12,29	2,74	12,76	2,80
	25,0	10,14	2,62	10,60	2,68	11,07	2,73	11,31	2,76	12,01	2,84	12,48	2,90
	32,0	9,47	2,88	9,94	2,94	10,41	2,99	10,64	3,02	11,35	3,11	11,81	3,16
	35,0	9,19	3,00	9,66	3,06	10,13	3,09	10,36	3,11	11,06	3,23	11,53	3,28
	40,0	8,72	3,22	9,18	3,27	9,65	3,33	9,89	3,36	10,57	3,40	11,00	3,40
	43,0	8,43	3,25	8,87	3,25	9,31	3,25	9,53	3,25	10,17	3,25	10,58	3,25
	46,0	7,95	2,68	8,32	2,68	8,69	2,68	8,87	2,68	9,40	2,68	9,75	2,68

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104154

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.5+3.5+6.0	22,0	10,76	2,51	11,23	2,56	11,70	2,62	11,93	2,65	12,63	2,73	13,10	2,79
	25,0	10,48	2,61	10,94	2,67	11,41	2,72	11,65	2,75	12,35	2,83	12,82	2,89
	32,0	9,81	2,87	10,28	2,93	10,75	2,98	10,98	3,01	11,69	3,10	12,15	3,15
	35,0	9,53	2,99	10,00	3,05	10,47	3,08	10,70	3,10	11,40	3,22	11,87	3,27
	40,0	9,06	3,21	9,52	3,26	9,99	3,32	10,23	3,35	10,91	3,39	11,34	3,39
	43,0	8,77	3,24	9,21	3,24	9,65	3,24	9,87	3,24	10,51	3,24	10,92	3,24
	46,0	8,29	2,67	8,66	2,67	9,03	2,67	9,21	2,67	9,74	2,67	10,09	2,67
1.5+2.0+2.5+4.2+4.2	22,0	10,25	2,50	10,68	2,53	11,12	2,64	11,33	2,66	11,99	2,74	12,42	2,79
	25,0	9,98	2,60	10,42	2,68	10,85	2,73	11,07	2,75	11,72	2,83	12,16	2,88
	32,0	9,37	2,86	9,80	2,91	10,24	2,96	10,45	2,99	11,11	3,06	11,54	3,11
	35,0	9,10	2,97	9,54	3,06	9,97	3,07	10,19	3,09	10,84	3,17	11,28	3,22
	40,0	8,66	3,16	9,10	3,21	9,53	3,26	9,75	3,28	10,40	3,36	10,84	3,41
	43,0	8,40	3,28	8,83	3,33	9,27	3,38	9,49	3,40	10,14	3,48	10,57	3,53
	46,0	8,00	3,03	8,38	3,03	8,75	3,03	8,93	3,03	9,46	3,03	9,81	3,03
1.5+2.0+2.5+4.2+5.0	22,0	10,74	2,87	11,21	2,92	11,68	2,98	11,91	3,01	12,61	3,09	13,08	3,15
	25,0	10,46	2,97	10,92	3,03	11,39	3,08	11,63	3,11	12,33	3,19	12,80	3,25
	32,0	9,79	3,23	10,26	3,29	10,73	3,34	10,96	3,37	11,67	3,46	12,13	3,51
	35,0	9,51	3,35	9,98	3,41	10,45	3,44	10,68	3,46	11,38	3,58	11,85	3,63
	40,0	9,04	3,57	9,50	3,62	9,97	3,68	10,21	3,71	10,89	3,75	11,32	3,75
	43,0	8,75	3,60	9,19	3,60	9,63	3,60	9,85	3,60	10,49	3,60	10,90	3,60
	46,0	8,27	3,03	8,64	3,03	9,01	3,03	9,19	3,03	9,72	3,03	10,07	3,03
1.5+2.0+3.5+3.5+3.5	22,0	10,24	2,46	10,71	2,51	11,18	2,57	11,41	2,60	12,11	2,68	12,58	2,74
	25,0	9,96	2,56	10,42	2,62	10,89	2,67	11,13	2,70	11,83	2,78	12,30	2,84
	32,0	9,29	2,82	9,76	2,88	10,23	2,93	10,46	2,96	11,17	3,05	11,63	3,10
	35,0	9,01	2,94	9,48	3,00	9,95	3,06	10,18	3,08	10,88	3,17	11,35	3,22
	40,0	8,54	3,16	9,00	3,21	9,47	3,27	9,71	3,30	10,39	3,34	10,82	3,34
	43,0	8,34	3,19	8,69	3,19	9,13	3,19	9,35	3,19	9,99	3,19	10,40	3,19
	46,0	7,77	2,62	8,14	2,62	8,51	2,62	8,69	2,62	9,22	2,62	9,57	2,62
1.5+2.0+3.5+3.5+4.2	22,0	10,68	2,95	11,15	3,00	11,62	3,06	11,85	3,09	12,55	3,17	13,02	3,23
	25,0	10,40	3,05	10,86	3,11	11,33	3,16	11,57	3,19	12,27	3,27	12,74	3,33
	32,0	9,73	3,31	10,20	3,37	10,67	3,42	10,90	3,45	11,61	3,54	12,07	3,59
	35,0	9,45	3,43	9,92	3,49	10,39	3,55	10,62	3,57	11,32	3,66	11,79	3,71
	40,0	8,98	3,65	9,44	3,70	9,91	3,76	10,15	3,79	10,83	3,83	11,26	3,83
	43,0	8,78	3,68	9,13	3,68	9,57	3,68	9,79	3,68	10,43	3,68	10,84	3,68
	46,0	8,21	3,11	8,58	3,11	8,95	3,11	9,13	3,11	9,66	3,11	10,01	3,11
1.5+2.0+3.5+3.5+5.0	22,0	10,76	2,86	11,23	2,91	11,70	2,97	11,93	3,00	12,63	3,08	13,10	3,14
	25,0	10,48	2,96	10,94	3,02	11,41	3,07	11,65	3,10	12,35	3,18	12,82	3,24
	32,0	9,81	3,22	10,28	3,28	10,75	3,33	10,98	3,36	11,69	3,45	12,15	3,50
	35,0	9,53	3,34	10,00	3,40	10,47	3,43	10,70	3,45	11,40	3,57	11,87	3,62
	40,0	9,06	3,56	9,52	3,61	9,99	3,67	10,23	3,70	10,91	3,74	11,34	3,74
	43,0	8,77	3,59	9,21	3,59	9,65	3,59	9,87	3,59	10,51	3,59	10,92	3,59
	46,0	8,29	3,02	8,66	3,02	9,03	3,02	9,21	3,02	9,74	3,02	10,09	3,02

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+3.5+4.2+4.2	22,0	10,75	3,02	11,22	3,07	11,69	3,13	11,92	3,16	12,62	3,24	13,09	3,30
	25,0	10,47	3,12	10,93	3,18	11,40	3,23	11,64	3,26	12,34	3,34	12,81	3,40
	32,0	9,80	3,38	10,27	3,44	10,74	3,49	10,97	3,52	11,68	3,61	12,14	3,66
	35,0	9,52	3,50	9,99	3,56	10,46	3,62	10,69	3,64	11,39	3,73	11,86	3,78
	40,0	9,05	3,72	9,51	3,77	9,98	3,83	10,22	3,86	10,90	3,90	11,33	3,90
	43,0	8,85	3,75	9,20	3,75	9,64	3,75	9,86	3,75	10,50	3,75	10,91	3,75
	46,0	8,28	3,18	8,65	3,18	9,02	3,18	9,20	3,18	9,73	3,18	10,08	3,18
1.5+2.5+2.5+2.5+2.5	22,0	9,88	2,38	10,30	2,42	10,72	2,47	10,92	2,49	11,55	2,56	11,96	2,60
	25,0	9,63	2,46	10,05	2,51	10,46	2,55	10,67	2,57	11,29	2,64	11,71	2,69
	32,0	9,04	2,67	9,46	2,72	9,87	2,76	10,08	2,79	10,11	2,85	11,12	2,90
	35,0	8,79	2,77	9,21	2,82	9,62	2,86	9,83	2,88	10,07	2,95	10,87	3,00
	40,0	8,37	2,94	8,79	2,99	9,20	3,03	9,41	3,06	10,03	3,12	10,45	3,17
	43,0	8,12	3,05	8,53	3,10	8,95	3,14	9,16	3,16	9,78	3,23	10,20	3,28
	46,0	7,84	3,10	8,22	3,10	8,60	3,10	8,78	3,10	9,32	3,10	9,67	3,10
1.5+2.5+2.5+2.5+3.5	22,0	10,22	2,50	10,66	2,55	11,10	2,61	11,33	2,63	11,99	2,71	12,44	2,76
	25,0	9,95	2,60	10,39	2,65	10,84	2,70	11,06	2,73	11,72	2,81	12,17	2,86
	32,0	9,32	2,84	9,76	2,89	10,21	2,94	10,43	2,97	11,10	3,05	11,54	3,10
	35,0	9,05	2,95	9,49	3,01	9,94	3,06	10,16	3,08	10,83	3,16	11,27	3,21
	40,0	8,60	3,15	9,04	3,20	9,49	3,26	9,71	3,28	10,38	3,36	10,82	3,41
	43,0	8,33	3,28	8,78	3,33	9,22	3,38	9,44	3,41	10,08	3,44	10,49	3,44
	46,0	7,90	2,87	8,28	2,87	8,64	2,87	8,82	2,87	9,35	2,87	9,70	2,87
1.5+2.5+2.5+2.5+4.2	22,0	10,23	2,50	10,67	2,55	11,11	2,61	11,34	2,63	12,00	2,71	12,45	2,76
	25,0	9,96	2,60	10,40	2,65	10,85	2,70	11,07	2,73	11,73	2,81	12,18	2,86
	32,0	9,33	2,84	9,77	2,89	10,22	2,94	10,44	2,97	11,11	3,05	11,55	3,10
	35,0	9,06	2,95	9,50	3,01	9,95	3,06	10,17	3,08	10,84	3,16	11,28	3,21
	40,0	8,61	3,15	9,05	3,20	9,50	3,26	9,72	3,28	10,39	3,36	10,83	3,41
	43,0	8,34	3,28	8,79	3,33	9,23	3,38	9,45	3,41	10,09	3,44	10,50	3,44
	46,0	7,91	2,87	8,29	2,87	8,65	2,87	8,83	2,87	9,36	2,87	9,71	2,87
1.5+2.5+2.5+2.5+5.0	22,0	10,41	2,49	10,87	2,54	11,34	2,60	11,57	2,63	12,27	2,71	12,73	2,77
	25,0	10,13	2,59	10,59	2,65	11,06	2,70	11,29	2,73	11,99	2,81	12,45	2,87
	32,0	9,47	2,85	9,93	2,91	10,40	2,96	10,63	2,99	11,33	3,08	11,79	3,13
	35,0	9,19	2,97	9,65	3,03	10,12	3,09	10,35	3,11	11,05	3,20	11,51	3,25
	40,0	8,72	3,19	9,18	3,24	9,65	3,30	9,88	3,33	10,56	3,37	10,99	3,37
	43,0	8,43	3,22	8,88	3,22	9,31	3,22	9,53	3,22	10,16	3,22	10,57	3,22
	46,0	7,96	2,65	8,34	2,65	8,70	2,65	8,88	2,65	9,41	2,65	9,76	2,65
1.5+2.5+2.5+2.5+6.0	22,0	10,72	2,48	11,18	2,53	11,65	2,59	11,88	2,62	12,58	2,70	13,04	2,76
	25,0	10,44	2,58	10,90	2,64	11,37	2,69	11,60	2,72	12,30	2,80	12,76	2,86
	32,0	9,78	2,84	10,24	2,90	10,71	2,95	10,94	2,98	11,64	3,07	12,10	3,12
	35,0	9,50	2,96	9,96	3,02	10,43	3,08	10,66	3,10	11,36	3,19	11,82	3,24
	40,0	9,03	3,18	9,49	3,23	9,96	3,29	10,19	3,32	10,87	3,36	11,30	3,36
	43,0	8,74	3,21	9,19	3,21	9,62	3,21	9,84	3,21	10,47	3,21	10,88	3,21
	46,0	8,27	2,64	8,65	2,64	9,01	2,64	9,19	2,64	9,72	2,64	10,07	2,64

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104156

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+2.5+3.5+3.5	22,0	10,23	2,49	10,66	2,52	11,10	2,63	11,31	2,65	11,97	2,73	12,40	2,78
	25,0	9,96	2,59	10,40	2,67	10,83	2,72	11,05	2,74	11,70	2,82	12,14	2,87
	32,0	9,35	2,85	9,78	2,90	10,22	2,95	10,43	2,98	11,09	3,05	11,52	3,10
	35,0	9,08	2,96	9,52	3,05	9,95	3,06	10,17	3,08	10,82	3,16	11,26	3,21
	40,0	8,64	3,15	9,08	3,20	9,51	3,25	9,73	3,27	10,38	3,35	10,82	3,40
	43,0	8,38	3,27	8,81	3,32	9,25	3,37	9,47	3,39	10,12	3,47	10,55	3,52
	46,0	7,98	3,02	8,36	3,02	8,73	3,02	8,91	3,02	9,44	3,02	9,79	3,02
1.5+2.5+2.5+3.5+4.2	22,0	10,24	2,49	10,67	2,52	11,11	2,63	11,32	2,65	11,98	2,73	12,41	2,78
	25,0	9,97	2,59	10,41	2,67	10,84	2,72	11,06	2,74	11,71	2,82	12,15	2,87
	32,0	9,36	2,85	9,79	2,90	10,23	2,95	10,44	2,98	11,10	3,05	11,53	3,10
	35,0	9,09	2,96	9,53	3,05	9,96	3,06	10,18	3,08	10,83	3,16	11,27	3,21
	40,0	8,65	3,15	9,09	3,20	9,52	3,25	9,74	3,27	10,39	3,35	10,83	3,40
	43,0	8,39	3,27	8,82	3,32	9,26	3,37	9,48	3,39	10,13	3,47	10,56	3,52
	46,0	7,99	3,02	8,37	3,02	8,74	3,02	8,92	3,02	9,45	3,02	9,80	3,02
1.5+2.5+2.5+3.5+5.0	22,0	10,72	2,79	11,19	2,84	11,66	2,90	11,89	2,93	12,59	3,01	13,06	3,07
	25,0	10,44	2,89	10,90	2,95	11,37	3,00	11,61	3,03	12,31	3,11	12,78	3,17
	32,0	9,77	3,15	10,24	3,21	10,71	3,26	10,94	3,29	11,65	3,38	12,11	3,43
	35,0	9,49	3,27	9,96	3,33	10,43	3,36	10,66	3,38	11,36	3,50	11,83	3,55
	40,0	9,02	3,49	9,48	3,54	9,95	3,60	10,19	3,63	10,87	3,67	11,30	3,67
	43,0	8,73	3,52	9,17	3,52	9,61	3,52	9,83	3,52	10,47	3,52	10,88	3,52
	46,0	8,25	2,95	8,62	2,95	8,99	2,95	9,17	2,95	9,70	2,95	10,05	2,95
1.5+2.5+2.5+4.2+4.2	22,0	10,71	3,05	11,14	3,08	11,58	3,19	11,79	3,21	12,45	3,29	12,88	3,34
	25,0	10,44	3,15	10,88	3,23	11,31	3,28	11,53	3,30	12,18	3,38	12,62	3,43
	32,0	9,83	3,41	10,26	3,46	10,70	3,51	10,91	3,54	11,57	3,61	12,00	3,66
	35,0	9,56	3,52	10,00	3,61	10,43	3,62	10,65	3,64	11,30	3,72	11,74	3,77
	40,0	9,12	3,71	9,56	3,76	9,99	3,81	10,21	3,83	10,86	3,91	11,30	3,96
	43,0	8,86	3,83	9,29	3,88	9,73	3,93	9,95	3,95	10,60	4,03	11,03	4,08
	46,0	8,46	3,58	8,84	3,58	9,21	3,58	9,39	3,58	9,92	3,58	10,27	3,58
1.5+2.5+3.5+3.5+3.5	22,0	10,24	2,46	10,71	2,51	11,18	2,57	11,41	2,60	12,11	2,68	12,58	2,74
	25,0	9,96	2,56	10,42	2,62	10,89	2,67	11,13	2,70	11,83	2,78	12,30	2,84
	32,0	9,29	2,82	9,76	2,88	10,23	2,93	10,46	2,96	11,17	3,05	11,63	3,10
	35,0	9,01	2,94	9,48	3,00	9,95	3,06	10,18	3,08	10,88	3,17	11,35	3,22
	40,0	8,54	3,16	9,00	3,21	9,47	3,27	9,71	3,30	10,39	3,34	10,82	3,34
	43,0	8,34	3,19	8,69	3,19	9,13	3,19	9,35	3,19	9,99	3,19	10,40	3,19
	46,0	7,77	2,62	8,14	2,62	8,51	2,62	8,69	2,62	9,22	2,62	9,57	2,62
1.5+2.5+3.5+3.5+4.2	22,0	10,74	3,02	11,21	3,07	11,68	3,13	11,91	3,16	12,61	3,24	13,08	3,30
	25,0	10,46	3,12	10,92	3,18	11,39	3,23	11,63	3,26	12,33	3,34	12,80	3,40
	32,0	9,79	3,38	10,26	3,44	10,73	3,49	10,96	3,52	11,67	3,61	12,13	3,66
	35,0	9,51	3,50	9,98	3,56	10,45	3,62	10,68	3,64	11,38	3,73	11,85	3,78
	40,0	9,04	3,72	9,50	3,77	9,97	3,83	10,21	3,86	10,89	3,90	11,32	3,90
	43,0	8,84	3,75	9,19	3,75	9,63	3,75	9,85	3,75	10,49	3,75	10,90	3,75
	46,0	8,27	3,18	8,64	3,18	9,01	3,18	9,19	3,18	9,72	3,18	10,07	3,18

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+3.5+3.5+3.5+3.5	22,0	10,76	3,09	11,23	3,14	11,70	3,20	11,93	3,23	12,63	3,31	13,10	3,37
	25,0	10,48	3,19	10,94	3,25	11,41	3,30	11,65	3,33	12,35	3,41	12,82	3,47
	32,0	9,81	3,45	10,28	3,51	10,75	3,56	10,98	3,59	11,69	3,68	12,15	3,73
	35,0	9,53	3,57	10,00	3,63	10,47	3,69	10,70	3,71	11,40	3,80	11,87	3,85
	40,0	9,06	3,79	9,52	3,84	9,99	3,90	10,23	3,93	10,91	3,97	11,34	3,97
	43,0	8,86	3,82	9,21	3,82	9,65	3,82	9,87	3,82	10,51	3,82	10,92	3,82
	46,0	8,29	3,25	8,66	3,25	9,03	3,25	9,21	3,25	9,74	3,25	10,09	3,25
2.0+2.0+2.0+2.0+2.0	22,0	9,26	2,00	9,68	2,04	10,10	2,09	10,30	2,11	10,93	2,18	11,34	2,22
	25,0	9,01	2,08	9,43	2,13	9,84	2,17	10,05	2,19	10,67	2,26	11,09	2,31
	32,0	8,42	2,29	8,84	2,34	9,25	2,38	9,46	2,41	9,49	2,47	10,50	2,52
	35,0	8,17	2,39	8,59	2,44	9,00	2,48	9,21	2,50	9,45	2,57	10,25	2,62
	40,0	7,75	2,56	8,17	2,61	8,58	2,65	8,79	2,68	9,41	2,74	9,83	2,79
	43,0	7,50	2,67	7,91	2,72	8,33	2,76	8,54	2,78	9,16	2,85	9,58	2,90
	46,0	7,22	2,72	7,60	2,72	7,98	2,72	8,16	2,72	8,70	2,72	9,05	2,72
2.0+2.0+2.0+2.0+2.5	22,0	9,49	2,13	9,91	2,17	10,33	2,22	10,53	2,24	11,16	2,31	11,57	2,35
	25,0	9,24	2,21	9,66	2,26	10,07	2,30	10,28	2,32	10,90	2,39	11,32	2,44
	32,0	8,65	2,42	9,07	2,47	9,48	2,51	9,69	2,54	9,72	2,60	10,73	2,65
	35,0	8,40	2,52	8,82	2,57	9,23	2,61	9,44	2,63	9,68	2,70	10,48	2,75
	40,0	7,98	2,69	8,40	2,74	8,81	2,78	9,02	2,81	9,64	2,87	10,06	2,92
	43,0	7,73	2,80	8,14	2,85	8,56	2,89	8,77	2,91	9,39	2,98	9,81	3,03
	46,0	7,45	2,85	7,83	2,85	8,21	2,85	8,39	2,85	8,93	2,85	9,28	2,85
2.0+2.0+2.0+2.0+3.5	22,0	9,89	2,30	10,33	2,35	10,77	2,41	11,00	2,43	11,66	2,51	12,11	2,56
	25,0	9,62	2,40	10,06	2,45	10,51	2,50	10,73	2,53	11,39	2,61	11,84	2,66
	32,0	8,99	2,64	9,43	2,69	9,88	2,74	10,10	2,77	10,77	2,85	11,21	2,90
	35,0	8,72	2,75	9,16	2,81	9,61	2,86	9,83	2,88	10,50	2,96	10,94	3,01
	40,0	8,27	2,95	8,71	3,00	9,16	3,06	9,38	3,08	10,05	3,16	10,49	3,21
	43,0	8,00	3,08	8,45	3,13	8,89	3,18	9,11	3,21	9,75	3,24	10,16	3,24
	46,0	7,57	2,67	7,95	2,67	8,31	2,67	8,49	2,67	9,02	2,67	9,37	2,67
2.0+2.0+2.0+2.0+4.2	22,0	10,13	2,44	10,57	2,49	11,01	2,55	11,24	2,57	11,90	2,65	12,35	2,70
	25,0	9,86	2,54	10,30	2,59	10,75	2,64	10,97	2,67	11,63	2,75	12,08	2,80
	32,0	9,23	2,78	9,67	2,83	10,12	2,88	10,34	2,91	11,01	2,99	11,45	3,04
	35,0	8,96	2,89	9,40	2,95	9,85	3,00	10,07	3,02	10,74	3,10	11,18	3,15
	40,0	8,51	3,09	8,95	3,14	9,40	3,20	9,62	3,22	10,29	3,30	10,73	3,35
	43,0	8,24	3,22	8,69	3,27	9,13	3,32	9,35	3,35	9,99	3,38	10,40	3,38
	46,0	7,81	2,81	8,19	2,81	8,55	2,81	8,73	2,81	9,26	2,81	9,61	2,81
2.0+2.0+2.0+2.0+5.0	22,0	10,35	2,49	10,81	2,54	11,28	2,60	11,51	2,63	12,21	2,71	12,67	2,77
	25,0	10,07	2,59	10,53	2,65	11,00	2,70	11,23	2,73	11,93	2,81	12,39	2,87
	32,0	9,41	2,85	9,87	2,91	10,34	2,96	10,57	2,99	11,27	3,08	11,73	3,13
	35,0	9,13	2,97	9,59	3,03	10,06	3,09	10,29	3,11	10,99	3,20	11,45	3,25
	40,0	8,66	3,19	9,12	3,24	9,59	3,30	9,82	3,33	10,50	3,37	10,93	3,37
	43,0	8,37	3,22	8,82	3,22	9,25	3,22	9,47	3,22	10,10	3,22	10,51	3,22
	46,0	7,90	2,65	8,28	2,65	8,64	2,65	8,82	2,65	9,35	2,65	9,70	2,65

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104161

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+2.0+6.0	22,0	10,58	2,41	11,04	2,46	11,51	2,52	11,74	2,55	12,44	2,63	12,90	2,69
	25,0	10,30	2,51	10,76	2,57	11,23	2,62	11,46	2,65	12,16	2,73	12,62	2,79
	32,0	9,64	2,77	10,10	2,83	10,57	2,88	10,80	2,91	11,50	3,00	11,96	3,05
	35,0	9,36	2,89	9,82	2,95	10,29	3,01	10,52	3,03	11,22	3,12	11,68	3,17
	40,0	8,89	3,11	9,35	3,16	9,82	3,22	10,05	3,25	10,73	3,29	11,16	3,29
	43,0	8,60	3,14	9,05	3,14	9,48	3,14	9,70	3,14	10,33	3,14	10,74	3,14
	46,0	8,13	2,57	8,51	2,57	8,87	2,57	9,05	2,57	9,58	2,57	9,93	2,57
2.0+2.0+2.0+2.0+7.1	22,0	10,73	2,48	11,19	2,53	11,66	2,59	11,89	2,62	12,59	2,70	13,05	2,76
	25,0	10,45	2,58	10,91	2,64	11,38	2,69	11,61	2,72	12,31	2,80	12,77	2,86
	32,0	9,79	2,84	10,25	2,90	10,72	2,95	10,95	2,98	11,65	3,07	12,11	3,12
	35,0	9,51	2,96	9,97	3,02	10,44	3,08	10,67	3,10	11,37	3,19	11,83	3,24
	40,0	9,04	3,18	9,50	3,23	9,97	3,29	10,20	3,32	10,88	3,36	11,31	3,36
	43,0	8,75	3,21	9,20	3,21	9,63	3,21	9,85	3,21	10,48	3,21	10,89	3,21
	46,0	8,28	2,64	8,66	2,64	9,02	2,64	9,20	2,64	9,73	2,64	10,08	2,64
2.0+2.0+2.0+2.5+2.5	22,0	9,69	2,25	10,11	2,29	10,53	2,34	10,73	2,36	11,36	2,43	11,77	2,47
	25,0	9,44	2,33	9,86	2,38	10,27	2,42	10,48	2,44	11,10	2,51	11,52	2,56
	32,0	8,85	2,54	9,27	2,59	9,68	2,63	9,89	2,66	9,92	2,72	10,93	2,77
	35,0	8,60	2,64	9,02	2,69	9,43	2,73	9,64	2,75	9,88	2,82	10,68	2,87
	40,0	8,18	2,81	8,60	2,86	9,01	2,90	9,22	2,93	9,84	2,99	10,26	3,04
	43,0	7,93	2,92	8,34	2,97	8,76	3,01	8,97	3,03	9,59	3,10	10,01	3,15
	46,0	7,65	2,97	8,03	2,97	8,41	2,97	8,59	2,97	9,13	2,97	9,48	2,97
2.0+2.0+2.0+2.5+3.5	22,0	10,07	2,44	10,51	2,49	10,95	2,55	11,18	2,57	11,84	2,65	12,29	2,70
	25,0	9,80	2,54	10,24	2,59	10,69	2,64	10,91	2,67	11,57	2,75	12,02	2,80
	32,0	9,17	2,78	9,61	2,83	10,06	2,88	10,28	2,91	10,95	2,99	11,39	3,04
	35,0	8,90	2,89	9,34	2,95	9,79	3,00	10,01	3,02	10,68	3,10	11,12	3,15
	40,0	8,45	3,09	8,89	3,14	9,34	3,20	9,56	3,22	10,23	3,30	10,67	3,35
	43,0	8,18	3,22	8,63	3,27	9,07	3,32	9,29	3,35	9,93	3,38	10,34	3,38
	46,0	7,75	2,81	8,13	2,81	8,49	2,81	8,67	2,81	9,20	2,81	9,55	2,81
2.0+2.0+2.0+2.5+4.2	22,0	10,23	2,50	10,67	2,55	11,11	2,61	11,34	2,63	12,00	2,71	12,45	2,76
	25,0	9,96	2,60	10,40	2,65	10,85	2,70	11,07	2,73	11,73	2,81	12,18	2,86
	32,0	9,33	2,84	9,77	2,89	10,22	2,94	10,44	2,97	11,11	3,05	11,55	3,10
	35,0	9,06	2,95	9,50	3,01	9,95	3,06	10,17	3,08	10,84	3,16	11,28	3,21
	40,0	8,61	3,15	9,05	3,20	9,50	3,26	9,72	3,28	10,39	3,36	10,83	3,41
	43,0	8,34	3,28	8,79	3,33	9,23	3,38	9,45	3,41	10,09	3,44	10,50	3,44
	46,0	7,91	2,87	8,29	2,87	8,65	2,87	8,83	2,87	9,36	2,87	9,71	2,87
2.0+2.0+2.0+2.5+5.0	22,0	10,41	2,49	10,87	2,54	11,34	2,60	11,57	2,63	12,27	2,71	12,73	2,77
	25,0	10,13	2,59	10,59	2,65	11,06	2,70	11,29	2,73	11,99	2,81	12,45	2,87
	32,0	9,47	2,85	9,93	2,91	10,40	2,96	10,63	2,99	11,33	3,08	11,79	3,13
	35,0	9,19	2,97	9,65	3,03	10,12	3,09	10,35	3,11	11,05	3,20	11,51	3,25
	40,0	8,72	3,19	9,18	3,24	9,65	3,30	9,88	3,33	10,56	3,37	10,99	3,37
	43,0	8,43	3,22	8,88	3,22	9,31	3,22	9,53	3,22	10,16	3,22	10,57	3,22
	46,0	7,96	2,65	8,34	2,65	8,70	2,65	8,88	2,65	9,41	2,65	9,76	2,65

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+2.5+6.0	22,0	10,65	2,41	11,11	2,46	11,58	2,52	11,81	2,55	12,51	2,63	12,97	2,69
	25,0	10,37	2,51	10,83	2,57	11,30	2,62	11,53	2,65	12,23	2,73	12,69	2,79
	32,0	9,71	2,77	10,17	2,83	10,64	2,88	10,87	2,91	11,57	3,00	12,03	3,05
	35,0	9,43	2,89	9,89	2,95	10,36	3,01	10,59	3,03	11,29	3,12	11,75	3,17
	40,0	8,96	3,11	9,42	3,16	9,89	3,22	10,12	3,25	10,80	3,29	11,23	3,29
	43,0	8,67	3,14	9,12	3,14	9,55	3,14	9,77	3,14	10,40	3,14	10,81	3,14
	46,0	8,20	2,57	8,58	2,57	8,94	2,57	9,12	2,57	9,65	2,57	10,00	2,57
2.0+2.0+2.0+2.5+7.1	22,0	10,77	2,48	11,23	2,53	11,70	2,59	11,93	2,62	12,63	2,70	13,09	2,76
	25,0	10,49	2,58	10,95	2,64	11,42	2,69	11,65	2,72	12,35	2,80	12,81	2,86
	32,0	9,83	2,84	10,29	2,90	10,76	2,95	10,99	2,98	11,69	3,07	12,15	3,12
	35,0	9,55	2,96	10,01	3,02	10,48	3,08	10,71	3,10	11,41	3,19	11,87	3,24
	40,0	9,08	3,18	9,54	3,23	10,01	3,29	10,24	3,32	10,92	3,36	11,35	3,36
	43,0	8,79	3,21	9,24	3,21	9,67	3,21	9,89	3,21	10,52	3,21	10,93	3,21
	46,0	8,32	2,64	8,70	2,64	9,06	2,64	9,24	2,64	9,77	2,64	10,12	2,64
2.0+2.0+2.0+3.5+3.5	22,0	9,70	2,16	10,13	2,19	10,57	2,30	10,78	2,32	11,44	2,40	11,87	2,45
	25,0	9,43	2,26	9,87	2,34	10,30	2,39	10,52	2,41	11,17	2,49	11,61	2,54
	32,0	8,82	2,52	9,25	2,57	9,69	2,62	9,90	2,65	10,56	2,72	10,99	2,77
	35,0	8,55	2,63	8,99	2,72	9,42	2,73	9,64	2,75	10,29	2,83	10,73	2,88
	40,0	8,11	2,82	8,55	2,87	8,98	2,92	9,20	2,94	9,85	3,02	10,29	3,07
	43,0	7,85	2,94	8,28	2,99	8,72	3,04	8,94	3,06	9,59	3,14	10,02	3,19
	46,0	7,45	2,69	7,83	2,69	8,20	2,69	8,38	2,69	8,91	2,69	9,26	2,69
2.0+2.0+2.0+3.5+4.2	22,0	10,24	2,49	10,67	2,52	11,11	2,63	11,32	2,65	11,98	2,73	12,41	2,78
	25,0	9,97	2,59	10,41	2,67	10,84	2,72	11,06	2,74	11,71	2,82	12,15	2,87
	32,0	9,36	2,85	9,79	2,90	10,23	2,95	10,44	2,98	11,10	3,05	11,53	3,10
	35,0	9,09	2,96	9,53	3,05	9,96	3,06	10,18	3,08	10,83	3,16	11,27	3,21
	40,0	8,65	3,15	9,09	3,20	9,52	3,25	9,74	3,27	10,39	3,35	10,83	3,40
	43,0	8,39	3,27	8,82	3,32	9,26	3,37	9,48	3,39	10,13	3,47	10,56	3,52
	46,0	7,99	3,02	8,37	3,02	8,74	3,02	8,92	3,02	9,45	3,02	9,80	3,02
2.0+2.0+2.0+3.5+5.0	22,0	10,42	2,52	10,89	2,57	11,36	2,63	11,59	2,66	12,29	2,74	12,76	2,80
	25,0	10,14	2,62	10,60	2,68	11,07	2,73	11,31	2,76	12,01	2,84	12,48	2,90
	32,0	9,47	2,88	9,94	2,94	10,41	2,99	10,64	3,02	11,35	3,11	11,81	3,16
	35,0	9,19	3,00	9,66	3,06	10,13	3,09	10,36	3,11	11,06	3,23	11,53	3,28
	40,0	8,72	3,22	9,18	3,27	9,65	3,33	9,89	3,36	10,57	3,40	11,00	3,40
	43,0	8,43	3,25	8,87	3,25	9,31	3,25	9,53	3,25	10,17	3,25	10,58	3,25
	46,0	7,95	2,68	8,32	2,68	8,69	2,68	8,87	2,68	9,40	2,68	9,75	2,68
2.0+2.0+2.0+3.5+6.0	22,0	10,76	2,51	11,23	2,56	11,70	2,62	11,93	2,65	12,63	2,73	13,10	2,79
	25,0	10,48	2,61	10,94	2,67	11,41	2,72	11,65	2,75	12,35	2,83	12,82	2,89
	32,0	9,81	2,87	10,28	2,93	10,75	2,98	10,98	3,01	11,69	3,10	12,15	3,15
	35,0	9,53	2,99	10,00	3,05	10,47	3,08	10,70	3,10	11,40	3,22	11,87	3,27
	40,0	9,06	3,21	9,52	3,26	9,99	3,32	10,23	3,35	10,91	3,39	11,34	3,39
	43,0	8,77	3,24	9,21	3,24	9,65	3,24	9,87	3,24	10,51	3,24	10,92	3,24
	46,0	8,29	2,67	8,66	2,67	9,03	2,67	9,21	2,67	9,74	2,67	10,09	2,67

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104165

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+4.2+4.2	22,0	10,25	2,50	10,68	2,53	11,12	2,64	11,33	2,66	11,99	2,74	12,42	2,79
	25,0	9,98	2,60	10,42	2,68	10,85	2,73	11,07	2,75	11,72	2,83	12,16	2,88
	32,0	9,37	2,86	9,80	2,91	10,24	2,96	10,45	2,99	11,11	3,06	11,54	3,11
	35,0	9,10	2,97	9,54	3,06	9,97	3,07	10,19	3,09	10,84	3,17	11,28	3,22
	40,0	8,66	3,16	9,10	3,21	9,53	3,26	9,75	3,28	10,40	3,36	10,84	3,41
	43,0	8,40	3,28	8,83	3,33	9,27	3,38	9,49	3,40	10,14	3,48	10,57	3,53
	46,0	8,00	3,03	8,38	3,03	8,75	3,03	8,93	3,03	9,46	3,03	9,81	3,03
2.0+2.0+2.0+4.2+5.0	22,0	10,74	2,87	11,21	2,92	11,68	2,98	11,91	3,01	12,61	3,09	13,08	3,15
	25,0	10,46	2,97	10,92	3,03	11,39	3,08	11,63	3,11	12,33	3,19	12,80	3,25
	32,0	9,79	3,23	10,26	3,29	10,73	3,34	10,96	3,37	11,67	3,46	12,13	3,51
	35,0	9,51	3,35	9,98	3,41	10,45	3,44	10,68	3,46	11,38	3,58	11,85	3,63
	40,0	9,04	3,57	9,50	3,62	9,97	3,68	10,21	3,71	10,89	3,75	11,32	3,75
	43,0	8,75	3,60	9,19	3,60	9,63	3,60	9,85	3,60	10,49	3,60	10,90	3,60
	46,0	8,27	3,03	8,64	3,03	9,01	3,03	9,19	3,03	9,72	3,03	10,07	3,03
2.0+2.0+2.5+2.5+2.5	22,0	9,88	2,38	10,30	2,42	10,72	2,47	10,92	2,49	11,55	2,56	11,96	2,60
	25,0	9,63	2,46	10,05	2,51	10,46	2,55	10,67	2,57	11,29	2,64	11,71	2,69
	32,0	9,04	2,67	9,46	2,72	9,87	2,76	10,08	2,79	10,11	2,85	11,12	2,90
	35,0	8,79	2,77	9,21	2,82	9,62	2,86	9,83	2,88	10,07	2,95	10,87	3,00
	40,0	8,37	2,94	8,79	2,99	9,20	3,03	9,41	3,06	10,03	3,12	10,45	3,17
	43,0	8,12	3,05	8,53	3,10	8,95	3,14	9,16	3,16	9,78	3,23	10,20	3,28
	46,0	7,84	3,10	8,22	3,10	8,60	3,10	8,78	3,10	9,32	3,10	9,67	3,10
2.0+2.0+2.5+2.5+3.5	22,0	10,22	2,50	10,66	2,55	11,10	2,61	11,33	2,63	11,99	2,71	12,44	2,76
	25,0	9,95	2,60	10,39	2,65	10,84	2,70	11,06	2,73	11,72	2,81	12,17	2,86
	32,0	9,32	2,84	9,76	2,89	10,21	2,94	10,43	2,97	11,10	3,05	11,54	3,10
	35,0	9,05	2,95	9,49	3,01	9,94	3,06	10,16	3,08	10,83	3,16	11,27	3,21
	40,0	8,60	3,15	9,04	3,20	9,49	3,26	9,71	3,28	10,38	3,36	10,82	3,41
	43,0	8,33	3,28	8,78	3,33	9,22	3,38	9,44	3,41	10,08	3,44	10,49	3,44
	46,0	7,90	2,87	8,28	2,87	8,64	2,87	8,82	2,87	9,35	2,87	9,70	2,87
2.0+2.0+2.5+2.5+4.2	22,0	9,91	2,50	10,35	2,55	10,79	2,61	11,02	2,63	11,68	2,71	12,13	2,76
	25,0	9,64	2,60	10,08	2,65	10,53	2,70	10,75	2,73	11,41	2,81	11,86	2,86
	32,0	9,01	2,84	9,45	2,89	9,90	2,94	10,12	2,97	10,79	3,05	11,23	3,10
	35,0	8,74	2,95	9,18	3,01	9,63	3,06	9,85	3,08	10,52	3,16	10,96	3,21
	40,0	8,29	3,15	8,73	3,20	9,18	3,26	9,40	3,28	10,07	3,36	10,51	3,41
	43,0	8,02	3,28	8,47	3,33	8,91	3,38	9,13	3,41	9,77	3,44	10,18	3,44
	46,0	7,59	2,87	7,97	2,87	8,33	2,87	8,51	2,87	9,04	2,87	9,39	2,87
2.0+2.0+2.5+2.5+5.0	22,0	10,41	2,49	10,87	2,54	11,34	2,60	11,57	2,63	12,27	2,71	12,73	2,77
	25,0	10,13	2,59	10,59	2,65	11,06	2,70	11,29	2,73	11,99	2,81	12,45	2,87
	32,0	9,47	2,85	9,93	2,91	10,40	2,96	10,63	2,99	11,33	3,08	11,79	3,13
	35,0	9,19	2,97	9,65	3,03	10,12	3,09	10,35	3,11	11,05	3,20	11,51	3,25
	40,0	8,72	3,19	9,18	3,24	9,65	3,30	9,88	3,33	10,56	3,37	10,99	3,37
	43,0	8,43	3,22	8,88	3,22	9,31	3,22	9,53	3,22	10,16	3,22	10,57	3,22
	46,0	7,96	2,65	8,34	2,65	8,70	2,65	8,88	2,65	9,41	2,65	9,76	2,65

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.5+2.5+6.0	22,0	10,72	2,48	11,18	2,53	11,65	2,59	11,88	2,62	12,58	2,70	13,04	2,76
	25,0	10,44	2,58	10,90	2,64	11,37	2,69	11,60	2,72	12,30	2,80	12,76	2,86
	32,0	9,78	2,84	10,24	2,90	10,71	2,95	10,94	2,98	11,64	3,07	12,10	3,12
	35,0	9,50	2,96	9,96	3,02	10,43	3,08	10,66	3,10	11,36	3,19	11,82	3,24
	40,0	9,03	3,18	9,49	3,23	9,96	3,29	10,19	3,32	10,87	3,36	11,30	3,36
	43,0	8,74	3,21	9,19	3,21	9,62	3,21	9,84	3,21	10,47	3,21	10,88	3,21
	46,0	8,27	2,64	8,65	2,64	9,01	2,64	9,19	2,64	9,72	2,64	10,07	2,64
2.0+2.0+2.5+3.5+3.5	22,0	10,23	2,49	10,66	2,52	11,10	2,63	11,31	2,65	11,97	2,73	12,40	2,78
	25,0	9,96	2,59	10,40	2,67	10,83	2,72	11,05	2,74	11,70	2,82	12,14	2,87
	32,0	9,35	2,85	9,78	2,90	10,22	2,95	10,43	2,98	11,09	3,05	11,52	3,10
	35,0	9,08	2,96	9,52	3,05	9,95	3,06	10,17	3,08	10,82	3,16	11,26	3,21
	40,0	8,64	3,15	9,08	3,20	9,51	3,25	9,73	3,27	10,38	3,35	10,82	3,40
	43,0	8,38	3,27	8,81	3,32	9,25	3,37	9,47	3,39	10,12	3,47	10,55	3,52
	46,0	7,98	3,02	8,36	3,02	8,73	3,02	8,91	3,02	9,44	3,02	9,79	3,02
2.0+2.0+2.5+3.5+4.2	22,0	9,91	2,49	10,34	2,52	10,78	2,63	10,99	2,65	11,65	2,73	12,08	2,78
	25,0	9,64	2,59	10,08	2,67	10,51	2,72	10,73	2,74	11,38	2,82	11,82	2,87
	32,0	9,03	2,85	9,46	2,90	9,90	2,95	10,11	2,98	10,77	3,05	11,20	3,10
	35,0	8,76	2,96	9,20	3,05	9,63	3,06	9,85	3,08	10,50	3,16	10,94	3,21
	40,0	8,32	3,15	8,76	3,20	9,19	3,25	9,41	3,27	10,06	3,35	10,50	3,40
	43,0	8,06	3,27	8,49	3,32	8,93	3,37	9,15	3,39	9,80	3,47	10,23	3,52
	46,0	7,66	3,02	8,04	3,02	8,41	3,02	8,59	3,02	9,12	3,02	9,47	3,02
2.0+2.0+2.5+3.5+5.0	22,0	10,72	2,79	11,19	2,84	11,66	2,90	11,89	2,93	12,59	3,01	13,06	3,07
	25,0	10,44	2,89	10,90	2,95	11,37	3,00	11,61	3,03	12,31	3,11	12,78	3,17
	32,0	9,77	3,15	10,24	3,21	10,71	3,26	10,94	3,29	11,65	3,38	12,11	3,43
	35,0	9,49	3,27	9,96	3,33	10,43	3,36	10,66	3,38	11,36	3,50	11,83	3,55
	40,0	9,02	3,49	9,48	3,54	9,95	3,60	10,19	3,63	10,87	3,67	11,30	3,67
	43,0	8,73	3,52	9,17	3,52	9,61	3,52	9,83	3,52	10,47	3,52	10,88	3,52
	46,0	8,25	2,95	8,62	2,95	8,99	2,95	9,17	2,95	9,70	2,95	10,05	2,95
2.0+2.0+2.5+4.2+4.2	22,0	10,71	2,98	11,14	3,01	11,58	3,12	11,79	3,14	12,45	3,22	12,88	3,27
	25,0	10,44	3,08	10,88	3,16	11,31	3,21	11,53	3,23	12,18	3,31	12,62	3,36
	32,0	9,83	3,34	10,26	3,39	10,70	3,44	10,91	3,47	11,57	3,54	12,00	3,59
	35,0	9,56	3,45	10,00	3,54	10,43	3,55	10,65	3,57	11,30	3,65	11,74	3,70
	40,0	9,12	3,64	9,56	3,69	9,99	3,74	10,21	3,76	10,86	3,84	11,30	3,89
	43,0	8,86	3,76	9,29	3,81	9,73	3,86	9,95	3,88	10,60	3,96	11,03	4,01
	46,0	8,46	3,51	8,84	3,51	9,21	3,51	9,39	3,51	9,92	3,51	10,27	3,51
2.0+2.0+3.5+3.5+3.5	22,0	10,24	2,46	10,71	2,51	11,18	2,57	11,41	2,60	12,11	2,68	12,58	2,74
	25,0	9,96	2,56	10,42	2,62	10,89	2,67	11,13	2,70	11,83	2,78	12,30	2,84
	32,0	9,29	2,82	9,76	2,88	10,23	2,93	10,46	2,96	11,17	3,05	11,63	3,10
	35,0	9,01	2,94	9,48	3,00	9,95	3,06	10,18	3,08	10,88	3,17	11,35	3,22
	40,0	8,54	3,16	9,00	3,21	9,47	3,27	9,71	3,30	10,39	3,34	10,82	3,34
	43,0	8,34	3,19	8,69	3,19	9,13	3,19	9,35	3,19	9,99	3,19	10,40	3,19
	46,0	7,77	2,62	8,14	2,62	8,51	2,62	8,69	2,62	9,22	2,62	9,57	2,62

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104167

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+3.5+3.5+4.2	22,0	10,74	2,95	11,21	3,00	11,68	3,06	11,91	3,09	12,61	3,17	13,08	3,23
	25,0	10,46	3,05	10,92	3,11	11,39	3,16	11,63	3,19	12,33	3,27	12,80	3,33
	32,0	9,79	3,31	10,26	3,37	10,73	3,42	10,96	3,45	11,67	3,54	12,13	3,59
	35,0	9,51	3,43	9,98	3,49	10,45	3,55	10,68	3,57	11,38	3,66	11,85	3,71
	40,0	9,04	3,65	9,50	3,70	9,97	3,76	10,21	3,79	10,89	3,83	11,32	3,83
	43,0	8,84	3,68	9,19	3,68	9,63	3,68	9,85	3,68	10,49	3,68	10,90	3,68
	46,0	8,27	3,11	8,64	3,11	9,01	3,11	9,19	3,11	9,72	3,11	10,07	3,11
2.0+2.5+2.5+2.5+2.5	22,0	10,06	2,52	10,48	2,56	10,90	2,61	11,10	2,63	11,73	2,70	12,14	2,74
	25,0	9,81	2,60	10,23	2,65	10,64	2,69	10,85	2,71	11,47	2,78	11,89	2,83
	32,0	9,22	2,81	9,64	2,86	10,05	2,90	10,26	2,93	10,29	2,99	11,30	3,04
	35,0	8,97	2,91	9,39	2,96	9,80	3,00	10,01	3,02	10,25	3,09	11,05	3,14
	40,0	8,55	3,08	8,97	3,13	9,38	3,17	9,59	3,20	10,21	3,26	10,63	3,31
	43,0	8,30	3,19	8,71	3,24	9,13	3,28	9,34	3,30	9,96	3,37	10,38	3,42
	46,0	8,02	3,24	8,40	3,24	8,78	3,24	8,96	3,24	9,50	3,24	9,85	3,24
2.0+2.5+2.5+2.5+3.5	22,0	10,22	2,50	10,66	2,55	11,10	2,61	11,33	2,63	11,99	2,71	12,44	2,76
	25,0	9,95	2,60	10,39	2,65	10,84	2,70	11,06	2,73	11,72	2,81	12,17	2,86
	32,0	9,32	2,84	9,76	2,89	10,21	2,94	10,43	2,97	11,10	3,05	11,54	3,10
	35,0	9,05	2,95	9,49	3,01	9,94	3,06	10,16	3,08	10,83	3,16	11,27	3,21
	40,0	8,60	3,15	9,04	3,20	9,49	3,26	9,71	3,28	10,38	3,36	10,82	3,41
	43,0	8,33	3,28	8,78	3,33	9,22	3,38	9,44	3,41	10,08	3,44	10,49	3,44
	46,0	7,90	2,87	8,28	2,87	8,64	2,87	8,82	2,87	9,35	2,87	9,70	2,87
2.0+2.5+2.5+2.5+4.2	22,0	10,23	2,50	10,67	2,55	11,11	2,61	11,34	2,63	12,00	2,71	12,45	2,76
	25,0	9,96	2,60	10,40	2,65	10,85	2,70	11,07	2,73	11,73	2,81	12,18	2,86
	32,0	9,33	2,84	9,77	2,89	10,22	2,94	10,44	2,97	11,11	3,05	11,55	3,10
	35,0	9,06	2,95	9,50	3,01	9,95	3,06	10,17	3,08	10,84	3,16	11,28	3,21
	40,0	8,61	3,15	9,05	3,20	9,50	3,26	9,72	3,28	10,39	3,36	10,83	3,41
	43,0	8,34	3,28	8,79	3,33	9,23	3,38	9,45	3,41	10,09	3,44	10,50	3,44
	46,0	7,91	2,87	8,29	2,87	8,65	2,87	8,83	2,87	9,36	2,87	9,71	2,87
2.0+2.5+2.5+2.5+5.0	22,0	10,41	2,49	10,87	2,54	11,34	2,60	11,57	2,63	12,27	2,71	12,73	2,77
	25,0	10,13	2,59	10,59	2,65	11,06	2,70	11,29	2,73	11,99	2,81	12,45	2,87
	32,0	9,47	2,85	9,93	2,91	10,40	2,96	10,63	2,99	11,33	3,08	11,79	3,13
	35,0	9,19	2,97	9,65	3,03	10,12	3,09	10,35	3,11	11,05	3,20	11,51	3,25
	40,0	8,72	3,19	9,18	3,24	9,65	3,30	9,88	3,33	10,56	3,37	10,99	3,37
	43,0	8,43	3,22	8,88	3,22	9,31	3,22	9,53	3,22	10,16	3,22	10,57	3,22
	46,0	7,96	2,65	8,34	2,65	8,70	2,65	8,88	2,65	9,41	2,65	9,76	2,65
2.0+2.5+2.5+2.5+6.0	22,0	10,76	2,48	11,22	2,53	11,69	2,59	11,92	2,62	12,62	2,70	13,08	2,76
	25,0	10,48	2,58	10,94	2,64	11,41	2,69	11,64	2,72	12,34	2,80	12,80	2,86
	32,0	9,82	2,84	10,28	2,90	10,75	2,95	10,98	2,98	11,68	3,07	12,14	3,12
	35,0	9,54	2,96	10,00	3,02	10,47	3,08	10,70	3,10	11,40	3,19	11,86	3,24
	40,0	9,07	3,18	9,53	3,23	10,00	3,29	10,23	3,32	10,91	3,36	11,34	3,36
	43,0	8,78	3,21	9,23	3,21	9,66	3,21	9,88	3,21	10,51	3,21	10,92	3,21
	46,0	8,31	2,64	8,69	2,64	9,05	2,64	9,23	2,64	9,76	2,64	10,11	2,64

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+2.5+3.5+3.5	22,0	10,23	2,49	10,66	2,52	11,10	2,63	11,31	2,65	11,97	2,73	12,40	2,78
	25,0	9,96	2,59	10,40	2,67	10,83	2,72	11,05	2,74	11,70	2,82	12,14	2,87
	32,0	9,35	2,85	9,78	2,90	10,22	2,95	10,43	2,98	11,09	3,05	11,52	3,10
	35,0	9,08	2,96	9,52	3,05	9,95	3,06	10,17	3,08	10,82	3,16	11,26	3,21
	40,0	8,64	3,15	9,08	3,20	9,51	3,25	9,73	3,27	10,38	3,35	10,82	3,40
	43,0	8,38	3,27	8,81	3,32	9,25	3,37	9,47	3,39	10,12	3,47	10,55	3,52
	46,0	7,98	3,02	8,36	3,02	8,73	3,02	8,91	3,02	9,44	3,02	9,79	3,02
2.0+2.5+2.5+3.5+4.2	22,0	10,68	2,98	11,11	3,01	11,55	3,12	11,76	3,14	12,42	3,22	12,85	3,27
	25,0	10,41	3,08	10,85	3,16	11,28	3,21	11,50	3,23	12,15	3,31	12,59	3,36
	32,0	9,80	3,34	10,23	3,39	10,67	3,44	10,88	3,47	11,54	3,54	11,97	3,59
	35,0	9,53	3,45	9,97	3,54	10,40	3,55	10,62	3,57	11,27	3,65	11,71	3,70
	40,0	9,09	3,64	9,53	3,69	9,96	3,74	10,18	3,76	10,83	3,84	11,27	3,89
	43,0	8,83	3,76	9,26	3,81	9,70	3,86	9,92	3,88	10,57	3,96	11,00	4,01
	46,0	8,43	3,51	8,81	3,51	9,18	3,51	9,36	3,51	9,89	3,51	10,24	3,51
2.0+2.5+2.5+3.5+5.0	22,0	10,76	2,86	11,23	2,91	11,70	2,97	11,93	3,00	12,63	3,08	13,10	3,14
	25,0	10,48	2,96	10,94	3,02	11,41	3,07	11,65	3,10	12,35	3,18	12,82	3,24
	32,0	9,81	3,22	10,28	3,28	10,75	3,33	10,98	3,36	11,69	3,45	12,15	3,50
	35,0	9,53	3,34	10,00	3,40	10,47	3,43	10,70	3,45	11,40	3,57	11,87	3,62
	40,0	9,06	3,56	9,52	3,61	9,99	3,67	10,23	3,70	10,91	3,74	11,34	3,74
	43,0	8,77	3,59	9,21	3,59	9,65	3,59	9,87	3,59	10,51	3,59	10,92	3,59
	46,0	8,29	3,02	8,66	3,02	9,03	3,02	9,21	3,02	9,74	3,02	10,09	3,02
2.0+2.5+2.5+4.2+4.2	22,0	10,74	2,98	11,17	3,01	11,61	3,12	11,82	3,14	12,48	3,22	12,91	3,27
	25,0	10,47	3,08	10,91	3,16	11,34	3,21	11,56	3,23	12,21	3,31	12,65	3,36
	32,0	9,86	3,34	10,29	3,39	10,73	3,44	10,94	3,47	11,60	3,54	12,03	3,59
	35,0	9,59	3,45	10,03	3,54	10,46	3,55	10,68	3,57	11,33	3,65	11,77	3,70
	40,0	9,15	3,64	9,59	3,69	10,02	3,74	10,24	3,76	10,89	3,84	11,33	3,89
	43,0	8,89	3,76	9,32	3,81	9,76	3,86	9,98	3,88	10,63	3,96	11,06	4,01
	46,0	8,49	3,51	8,87	3,51	9,24	3,51	9,42	3,51	9,95	3,51	10,30	3,51
2.0+2.5+3.5+3.5+3.5	22,0	10,69	2,95	11,16	3,00	11,63	3,06	11,86	3,09	12,56	3,17	13,03	3,23
	25,0	10,41	3,05	10,87	3,11	11,34	3,16	11,58	3,19	12,28	3,27	12,75	3,33
	32,0	9,74	3,31	10,21	3,37	10,68	3,42	10,91	3,45	11,62	3,54	12,08	3,59
	35,0	9,46	3,43	9,93	3,49	10,40	3,55	10,63	3,57	11,33	3,66	11,80	3,71
	40,0	8,99	3,65	9,45	3,70	9,92	3,76	10,16	3,79	10,84	3,83	11,27	3,83
	43,0	8,79	3,68	9,14	3,68	9,58	3,68	9,80	3,68	10,44	3,68	10,85	3,68
	46,0	8,22	3,11	8,59	3,11	8,96	3,11	9,14	3,11	9,67	3,11	10,02	3,11
2.5+2.5+2.5+2.5+2.5	22,0	10,20	2,58	10,62	2,62	11,04	2,67	11,24	2,69	11,87	2,76	12,28	2,80
	25,0	9,95	2,66	10,37	2,71	10,78	2,75	10,99	2,77	11,61	2,84	12,03	2,89
	32,0	9,36	2,87	9,78	2,92	10,19	2,96	10,40	2,99	10,43	3,05	11,44	3,10
	35,0	9,11	2,97	9,53	3,02	9,94	3,06	10,15	3,08	10,39	3,15	11,19	3,20
	40,0	8,69	3,14	9,11	3,19	9,52	3,23	9,73	3,26	10,35	3,32	10,77	3,37
	43,0	8,44	3,25	8,85	3,30	9,27	3,34	9,48	3,36	10,10	3,43	10,52	3,48
	46,0	8,16	3,30	8,54	3,30	8,92	3,30	9,10	3,30	9,64	3,30	9,99	3,30

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104168

5 Capacity tables

5 - 1 Cooling Capacity Tables

5MXM90M

Cooling 50Hz 230V

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+2.5+2.5+2.5+3.5	22,0	10,22	2,50	10,66	2,55	11,10	2,61	11,33	2,63	11,99	2,71	12,44	2,76
	25,0	9,95	2,60	10,39	2,65	10,84	2,70	11,06	2,73	11,72	2,81	12,17	2,86
	32,0	9,32	2,84	9,76	2,89	10,21	2,94	10,43	2,97	11,10	3,05	11,54	3,10
	35,0	9,05	2,95	9,49	3,01	9,94	3,06	10,16	3,08	10,83	3,16	11,27	3,21
	40,0	8,60	3,15	9,04	3,20	9,49	3,26	9,71	3,28	10,38	3,36	10,82	3,41
	43,0	8,33	3,28	8,78	3,33	9,22	3,38	9,44	3,41	10,08	3,44	10,49	3,44
	46,0	7,90	2,87	8,28	2,87	8,64	2,87	8,82	2,87	9,35	2,87	9,70	2,87
2.5+2.5+2.5+2.5+4.2	22,0	10,23	2,50	10,67	2,55	11,11	2,61	11,34	2,63	12,00	2,71	12,45	2,76
	25,0	9,96	2,60	10,40	2,65	10,85	2,70	11,07	2,73	11,73	2,81	12,18	2,86
	32,0	9,33	2,84	9,77	2,89	10,22	2,94	10,44	2,97	11,11	3,05	11,55	3,10
	35,0	9,06	2,95	9,50	3,01	9,95	3,06	10,17	3,08	10,84	3,16	11,28	3,21
	40,0	8,61	3,15	9,05	3,20	9,50	3,26	9,72	3,28	10,39	3,36	10,83	3,41
	43,0	8,34	3,28	8,79	3,33	9,23	3,38	9,45	3,41	10,09	3,44	10,50	3,44
	46,0	7,91	2,87	8,29	2,87	8,65	2,87	8,83	2,87	9,36	2,87	9,71	2,87
2.5+2.5+2.5+2.5+5.0	22,0	10,72	2,83	11,18	2,88	11,65	2,94	11,88	2,97	12,58	3,05	13,04	3,11
	25,0	10,44	2,93	10,90	2,99	11,37	3,04	11,60	3,07	12,30	3,15	12,76	3,21
	32,0	9,78	3,19	10,24	3,25	10,71	3,30	10,94	3,33	11,64	3,42	12,10	3,47
	35,0	9,50	3,31	9,96	3,37	10,43	3,43	10,66	3,45	11,36	3,54	11,82	3,59
	40,0	9,03	3,53	9,49	3,58	9,96	3,64	10,19	3,67	10,87	3,71	11,30	3,71
	43,0	8,74	3,56	9,19	3,56	9,62	3,56	9,84	3,56	10,47	3,56	10,88	3,56
	46,0	8,27	2,99	8,65	2,99	9,01	2,99	9,19	2,99	9,72	2,99	10,07	2,99
2.5+2.5+2.5+3.5+3.5	22,0	10,23	2,49	10,66	2,52	11,10	2,63	11,31	2,65	11,97	2,73	12,40	2,78
	25,0	9,96	2,59	10,40	2,67	10,83	2,72	11,05	2,74	11,70	2,82	12,14	2,87
	32,0	9,35	2,85	9,78	2,90	10,22	2,95	10,43	2,98	11,09	3,05	11,52	3,10
	35,0	9,08	2,96	9,52	3,05	9,95	3,06	10,17	3,08	10,82	3,16	11,26	3,21
	40,0	8,64	3,15	9,08	3,20	9,51	3,25	9,73	3,27	10,38	3,35	10,82	3,40
	43,0	8,38	3,27	8,81	3,32	9,25	3,37	9,47	3,39	10,12	3,47	10,55	3,52
	46,0	7,98	3,02	8,36	3,02	8,73	3,02	8,91	3,02	9,44	3,02	9,79	3,02
2.5+2.5+2.5+3.5+4.2	22,0	10,74	2,98	11,17	3,01	11,61	3,12	11,82	3,14	12,48	3,22	12,91	3,27
	25,0	10,47	3,08	10,91	3,16	11,34	3,21	11,56	3,23	12,21	3,31	12,65	3,36
	32,0	9,86	3,34	10,29	3,39	10,73	3,44	10,94	3,47	11,60	3,54	12,03	3,59
	35,0	9,59	3,45	10,03	3,54	10,46	3,55	10,68	3,57	11,33	3,65	11,77	3,70
	40,0	9,15	3,64	9,59	3,69	10,02	3,74	10,24	3,76	10,89	3,84	11,33	3,89
	43,0	8,89	3,76	9,32	3,81	9,76	3,86	9,98	3,88	10,63	3,96	11,06	4,01
	46,0	8,49	3,51	8,87	3,51	9,24	3,51	9,42	3,51	9,95	3,51	10,30	3,51
2.5+2.5+3.5+3.5+3.5	22,0	10,69	2,95	11,16	3,00	11,63	3,06	11,86	3,09	12,56	3,17	13,03	3,23
	25,0	10,41	3,05	10,87	3,11	11,34	3,16	11,58	3,19	12,28	3,27	12,75	3,33
	32,0	9,74	3,31	10,21	3,37	10,68	3,42	10,91	3,45	11,62	3,54	12,08	3,59
	35,0	9,46	3,43	9,93	3,49	10,40	3,55	10,63	3,57	11,33	3,66	11,80	3,71
	40,0	8,99	3,65	9,45	3,70	9,92	3,76	10,16	3,79	10,84	3,83	11,27	3,83
	43,0	8,79	3,68	9,14	3,68	9,58	3,68	9,80	3,68	10,44	3,68	10,85	3,68
	46,0	8,22	3,11	8,59	3,11	8,96	3,11	9,14	3,11	9,67	3,11	10,02	3,11

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.5,3.5,4.2,5.0 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D104169

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+4.2	-15,0	6,27	2,16	6,15	2,19	6,03	2,21	5,98	2,22	5,92	2,24	5,80	2,26
	-10,0	7,23	2,28	7,12	2,31	7,00	2,33	6,94	2,35	6,88	2,36	6,76	2,39
	-5,0	8,20	2,40	8,08	2,43	7,96	2,45	7,90	2,47	7,84	2,48	7,73	2,51
	0,0	9,16	2,52	9,04	2,55	8,92	2,57	8,87	2,59	8,81	2,60	8,69	2,63
	6,0	10,32	2,67	10,20	2,69	10,08	2,72	10,02	2,73	9,96	2,75	9,84	2,77
	10,0	11,09	2,76	10,97	2,79	10,85	2,82	10,79	2,83	10,73	2,84	10,59	2,85
	15,0	12,05	2,88	11,93	2,91	11,76	2,90	11,47	2,76	11,18	2,62	10,61	2,36
1.5+5.0	-15,0	6,68	2,06	6,55	2,09	6,43	2,11	6,37	2,12	6,30	2,13	6,18	2,16
	-10,0	7,71	2,17	7,58	2,20	7,46	2,22	7,39	2,23	7,33	2,24	7,20	2,27
	-5,0	8,73	2,28	8,61	2,31	8,48	2,33	8,42	2,34	8,36	2,35	8,23	2,38
	0,0	9,76	2,39	9,63	2,41	9,51	2,44	9,45	2,45	9,38	2,46	9,26	2,49
	6,0	10,99	2,52	10,87	2,55	10,74	2,57	10,68	2,58	10,61	2,59	10,49	2,62
	10,0	11,81	2,61	11,69	2,63	11,56	2,66	11,50	2,67	11,44	2,68	11,31	2,71
	15,0	12,84	2,72	12,71	2,74	12,59	2,77	12,33	2,67	12,02	2,55	11,39	2,32
1.5+6.0	-15,0	7,51	2,33	7,38	2,36	7,26	2,38	7,20	2,39	7,13	2,40	7,01	2,43
	-10,0	8,54	2,44	8,41	2,47	8,29	2,49	8,22	2,50	8,16	2,51	8,03	2,54
	-5,0	9,56	2,55	9,44	2,58	9,31	2,60	9,25	2,61	9,19	2,62	9,06	2,65
	0,0	10,59	2,66	10,46	2,68	10,34	2,71	10,28	2,72	10,21	2,73	10,09	2,76
	6,0	11,82	2,79	11,70	2,82	11,57	2,84	11,51	2,85	11,44	2,86	11,32	2,89
	10,0	12,64	2,88	12,52	2,90	12,39	2,93	12,33	2,94	12,27	2,95	12,14	2,98
	15,0	13,67	2,99	13,54	3,01	13,42	3,04	13,16	2,94	12,85	2,82	12,22	2,59
1.5+7.1	-15,0	7,53	2,31	7,40	2,34	7,28	2,36	7,22	2,37	7,15	2,38	7,03	2,41
	-10,0	8,56	2,42	8,43	2,45	8,31	2,47	8,24	2,48	8,18	2,49	8,05	2,52
	-5,0	9,58	2,53	9,46	2,56	9,33	2,58	9,27	2,59	9,21	2,60	9,08	2,63
	0,0	10,61	2,64	10,48	2,66	10,36	2,69	10,30	2,70	10,23	2,71	10,11	2,74
	6,0	11,84	2,77	11,72	2,80	11,59	2,82	11,53	2,83	11,46	2,84	11,34	2,87
	10,0	12,66	2,86	12,54	2,88	12,41	2,91	12,35	2,92	12,29	2,93	12,16	2,96
	15,0	13,69	2,97	13,56	2,99	13,44	3,02	13,18	2,92	12,87	2,80	12,24	2,57
2.0+2.0	-15,0	5,04	1,44	4,95	1,46	4,85	1,48	4,80	1,48	4,76	1,49	4,66	1,51
	-10,0	5,81	1,52	5,72	1,54	5,62	1,55	5,58	1,56	5,53	1,57	5,44	1,59
	-5,0	6,59	1,60	6,49	1,61	6,40	1,63	6,35	1,64	6,30	1,65	6,21	1,66
	0,0	7,36	1,67	7,27	1,69	7,17	1,71	7,12	1,72	7,08	1,72	6,98	1,74
	6,0	8,29	1,77	8,19	1,78	8,10	1,80	8,05	1,81	8,01	1,82	7,91	1,83
	10,0	8,91	1,83	8,81	1,84	8,72	1,86	8,67	1,87	8,62	1,88	8,53	1,90
	15,0	9,68	1,90	9,59	1,92	9,49	1,94	9,44	1,95	9,40	1,96	9,30	1,97
2.0+2.5	-15,0	5,46	1,61	5,37	1,63	5,27	1,65	5,22	1,65	5,18	1,66	5,08	1,68
	-10,0	6,23	1,69	6,14	1,71	6,04	1,72	6,00	1,73	5,95	1,74	5,86	1,76
	-5,0	7,01	1,77	6,91	1,78	6,82	1,80	6,77	1,81	6,72	1,82	6,63	1,83
	0,0	7,78	1,84	7,69	1,86	7,59	1,88	7,54	1,89	7,50	1,89	7,40	1,91
	6,0	8,71	1,94	8,61	1,95	8,52	1,97	8,47	1,98	8,43	1,99	8,33	2,00
	10,0	9,33	2,00	9,23	2,01	9,14	2,03	9,09	2,04	9,04	2,05	8,95	2,07
	15,0	10,10	2,07	10,01	2,09	9,91	2,11	9,86	2,12	9,82	2,13	9,72	2,14

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+3.5	-15,0	5,45	1,81	5,33	1,84	5,21	1,86	5,16	1,87	5,10	1,89	4,98	1,91
	-10,0	6,41	1,93	6,30	1,96	6,18	1,98	6,12	2,00	6,06	2,01	5,94	2,04
	-5,0	7,38	2,05	7,26	2,08	7,14	2,10	7,08	2,12	7,02	2,13	6,91	2,16
	0,0	8,34	2,17	8,22	2,20	8,10	2,22	8,05	2,24	7,99	2,25	7,87	2,28
	6,0	9,50	2,32	9,38	2,34	9,26	2,37	9,20	2,38	9,14	2,40	9,02	2,42
	10,0	10,27	2,41	10,15	2,44	10,03	2,47	9,97	2,48	9,91	2,49	9,77	2,50
	15,0	11,23	2,53	11,11	2,56	10,94	2,55	10,65	2,41	10,36	2,27	9,79	2,01
2.0+4.2	-15,0	6,27	2,16	6,15	2,19	6,03	2,21	5,98	2,22	5,92	2,24	5,80	2,26
	-10,0	7,23	2,28	7,12	2,31	7,00	2,33	6,94	2,35	6,88	2,36	6,76	2,39
	-5,0	8,20	2,40	8,08	2,43	7,96	2,45	7,90	2,47	7,84	2,48	7,73	2,51
	0,0	9,16	2,52	9,04	2,55	8,92	2,57	8,87	2,59	8,81	2,60	8,69	2,63
	6,0	10,32	2,67	10,20	2,69	10,08	2,72	10,02	2,73	9,96	2,75	9,84	2,77
	10,0	11,09	2,76	10,97	2,79	10,85	2,82	10,79	2,83	10,73	2,84	10,59	2,85
	15,0	12,05	2,88	11,93	2,91	11,76	2,90	11,47	2,76	11,18	2,62	10,61	2,36
2.0+5.0	-15,0	6,68	2,06	6,55	2,09	6,43	2,11	6,37	2,12	6,30	2,13	6,18	2,16
	-10,0	7,71	2,17	7,58	2,20	7,46	2,22	7,39	2,23	7,33	2,24	7,20	2,27
	-5,0	8,73	2,28	8,61	2,31	8,48	2,33	8,42	2,34	8,36	2,35	8,23	2,38
	0,0	9,76	2,39	9,63	2,41	9,51	2,44	9,45	2,45	9,38	2,46	9,26	2,49
	6,0	10,99	2,52	10,87	2,55	10,74	2,57	10,68	2,58	10,61	2,59	10,49	2,62
	10,0	11,81	2,61	11,69	2,63	11,56	2,66	11,50	2,67	11,44	2,68	11,31	2,71
	15,0	12,84	2,72	12,71	2,74	12,59	2,77	12,33	2,67	12,02	2,55	11,39	2,32
2.0+6.0	-15,0	7,51	2,33	7,38	2,36	7,26	2,38	7,20	2,39	7,13	2,40	7,01	2,43
	-10,0	8,54	2,44	8,41	2,47	8,29	2,49	8,22	2,50	8,16	2,51	8,03	2,54
	-5,0	9,56	2,55	9,44	2,58	9,31	2,60	9,25	2,61	9,19	2,62	9,06	2,65
	0,0	10,59	2,66	10,46	2,68	10,34	2,71	10,28	2,72	10,21	2,73	10,09	2,76
	6,0	11,82	2,79	11,70	2,82	11,57	2,84	11,51	2,85	11,44	2,86	11,32	2,89
	10,0	12,64	2,88	12,52	2,90	12,39	2,93	12,33	2,94	12,27	2,95	12,14	2,98
	15,0	13,67	2,99	13,54	3,01	13,42	3,04	13,16	2,94	12,85	2,82	12,22	2,59
2.0+7.1	-15,0	8,01	2,54	7,88	2,57	7,76	2,59	7,70	2,60	7,63	2,61	7,51	2,64
	-10,0	9,04	2,65	8,91	2,68	8,79	2,70	8,72	2,71	8,66	2,72	8,53	2,75
	-5,0	10,06	2,76	9,94	2,79	9,81	2,81	9,75	2,82	9,69	2,83	9,56	2,86
	0,0	11,09	2,87	10,96	2,89	10,84	2,92	10,78	2,93	10,71	2,94	10,59	2,97
	6,0	12,32	3,00	12,20	3,03	12,07	3,05	12,01	3,06	11,94	3,07	11,82	3,10
	10,0	13,14	3,09	13,02	3,11	12,89	3,14	12,83	3,15	12,77	3,16	12,64	3,19
	15,0	14,17	3,20	14,04	3,22	13,92	3,25	13,66	3,15	13,35	3,03	12,72	2,80
2.5+2.5	-15,0	5,68	1,88	5,59	1,90	5,49	1,92	5,44	1,92	5,40	1,93	5,30	1,95
	-10,0	6,45	1,96	6,36	1,98	6,26	1,99	6,22	2,00	6,17	2,01	6,08	2,03
	-5,0	7,23	2,04	7,13	2,05	7,04	2,07	6,99	2,08	6,94	2,09	6,85	2,10
	0,0	8,00	2,11	7,91	2,13	7,81	2,15	7,76	2,16	7,72	2,16	7,62	2,18
	6,0	8,93	2,21	8,83	2,22	8,74	2,24	8,69	2,25	8,65	2,26	8,55	2,27
	10,0	9,55	2,27	9,45	2,28	9,36	2,30	9,31	2,31	9,26	2,32	9,17	2,34
	15,0	10,32	2,34	10,23	2,36	10,13	2,38	10,08	2,39	10,04	2,40	9,94	2,41

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104180

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+3.5	-15,0	6,27	2,27	6,15	2,30	6,03	2,32	5,98	2,33	5,92	2,35	5,80	2,37
	-10,0	7,23	2,39	7,12	2,42	7,00	2,44	6,94	2,46	6,88	2,47	6,76	2,50
	-5,0	8,20	2,51	8,08	2,54	7,96	2,56	7,90	2,58	7,84	2,59	7,73	2,62
	0,0	9,16	2,63	9,04	2,66	8,92	2,68	8,87	2,70	8,81	2,71	8,69	2,74
	6,0	10,32	2,78	10,20	2,80	10,08	2,83	10,02	2,84	9,96	2,86	9,84	2,88
	10,0	11,09	2,87	10,97	2,90	10,85	2,93	10,79	2,94	10,73	2,95	10,59	2,96
	15,0	12,05	2,99	11,93	3,02	11,76	3,01	11,47	2,87	11,18	2,73	10,61	2,47
2.5+4.2	-15,0	6,78	2,50	6,66	2,53	6,54	2,55	6,49	2,56	6,43	2,58	6,31	2,60
	-10,0	7,74	2,62	7,63	2,65	7,51	2,67	7,45	2,69	7,39	2,70	7,27	2,73
	-5,0	8,71	2,74	8,59	2,77	8,47	2,79	8,41	2,81	8,35	2,82	8,24	2,85
	0,0	9,67	2,86	9,55	2,89	9,43	2,91	9,38	2,93	9,32	2,94	9,20	2,97
	6,0	10,83	3,01	10,71	3,03	10,59	3,06	10,53	3,07	10,47	3,09	10,35	3,11
	10,0	11,60	3,10	11,48	3,13	11,36	3,16	11,30	3,17	11,24	3,18	11,10	3,19
	15,0	12,56	3,22	12,44	3,25	12,27	3,24	11,98	3,10	11,69	2,96	11,12	2,70
2.5+5.0	-15,0	7,32	2,36	7,19	2,39	7,07	2,41	7,01	2,42	6,94	2,43	6,82	2,46
	-10,0	8,35	2,47	8,22	2,50	8,10	2,52	8,03	2,53	7,97	2,54	7,84	2,57
	-5,0	9,37	2,58	9,25	2,61	9,12	2,63	9,06	2,64	9,00	2,65	8,87	2,68
	0,0	10,40	2,69	10,27	2,71	10,15	2,74	10,09	2,75	10,02	2,76	9,90	2,79
	6,0	11,63	2,82	11,51	2,85	11,38	2,87	11,32	2,88	11,25	2,89	11,13	2,92
	10,0	12,45	2,91	12,33	2,93	12,20	2,96	12,14	2,97	12,08	2,98	11,95	3,01
	15,0	13,48	3,02	13,35	3,04	13,23	3,07	12,97	2,97	12,66	2,85	12,03	2,62
2.5+6.0	-15,0	7,51	2,40	7,38	2,43	7,26	2,45	7,20	2,46	7,13	2,47	7,01	2,50
	-10,0	8,54	2,51	8,41	2,54	8,29	2,56	8,22	2,57	8,16	2,58	8,03	2,61
	-5,0	9,56	2,62	9,44	2,65	9,31	2,67	9,25	2,68	9,19	2,69	9,06	2,72
	0,0	10,59	2,73	10,46	2,75	10,34	2,78	10,28	2,79	10,21	2,80	10,09	2,83
	6,0	11,82	2,86	11,70	2,89	11,57	2,91	11,51	2,92	11,44	2,93	11,32	2,96
	10,0	12,64	2,95	12,52	2,97	12,39	3,00	12,33	3,01	12,27	3,02	12,14	3,05
	15,0	13,67	3,06	13,54	3,08	13,42	3,11	13,16	3,01	12,85	2,89	12,22	2,66
2.5+7.1	-15,0	8,43	2,79	8,30	2,82	8,18	2,84	8,12	2,85	8,05	2,86	7,93	2,89
	-10,0	9,46	2,90	9,33	2,93	9,21	2,95	9,14	2,96	9,08	2,97	8,95	3,00
	-5,0	10,48	3,01	10,36	3,04	10,23	3,06	10,17	3,07	10,11	3,08	9,98	3,11
	0,0	11,51	3,12	11,38	3,14	11,26	3,17	11,20	3,18	11,13	3,19	11,01	3,22
	6,0	12,74	3,25	12,62	3,28	12,49	3,30	12,43	3,31	12,36	3,32	12,24	3,35
	10,0	13,56	3,34	13,44	3,36	13,31	3,39	13,25	3,40	13,19	3,41	13,06	3,44
	15,0	14,59	3,45	14,46	3,47	14,34	3,50	14,08	3,40	13,77	3,28	13,14	3,05
3.5+3.5	-15,0	6,63	2,44	6,51	2,47	6,38	2,50	6,32	2,51	6,26	2,52	6,13	2,55
	-10,0	7,65	2,57	7,53	2,60	7,40	2,62	7,34	2,64	7,28	2,65	7,15	2,68
	-5,0	8,67	2,70	8,54	2,73	8,42	2,75	8,36	2,77	8,29	2,78	8,17	2,81
	0,0	9,69	2,83	9,56	2,86	9,44	2,88	9,38	2,90	9,31	2,91	9,19	2,94
	6,0	10,91	2,98	10,78	3,01	10,66	3,04	10,60	3,05	10,54	3,07	10,41	3,10
	10,0	11,72	3,09	11,60	3,12	11,47	3,14	11,41	3,16	11,35	3,17	10,82	2,90
	15,0	12,74	3,22	12,60	3,23	12,01	2,94	11,71	2,81	11,42	2,67	11,08	2,42

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+4.2	-15,0	7,23	2,79	7,11	2,82	6,98	2,85	6,92	2,86	6,86	2,87	6,73	2,90
	-10,0	8,25	2,92	8,13	2,95	8,00	2,97	7,94	2,99	7,88	3,00	7,75	3,03
	-5,0	9,27	3,05	9,14	3,08	9,02	3,10	8,96	3,12	8,89	3,13	8,77	3,16
	0,0	10,29	3,18	10,16	3,21	10,04	3,23	9,98	3,25	9,91	3,26	9,79	3,29
	6,0	11,51	3,33	11,38	3,36	11,26	3,39	11,20	3,40	11,14	3,42	11,01	3,45
	10,0	12,32	3,44	12,20	3,47	12,07	3,49	12,01	3,51	11,95	3,52	11,42	3,25
	15,0	13,34	3,57	13,20	3,58	12,61	3,29	12,31	3,16	12,02	3,02	11,68	2,77
3.5+5.0	-15,0	7,14	2,30	7,00	2,33	6,87	2,35	6,80	2,37	6,74	2,38	6,60	2,41
	-10,0	8,23	2,42	8,10	2,45	7,97	2,48	7,90	2,49	7,83	2,50	7,70	2,53
	-5,0	9,33	2,55	9,19	2,57	9,06	2,60	8,99	2,61	8,93	2,63	8,79	2,65
	0,0	10,42	2,67	10,29	2,70	10,16	2,72	10,09	2,74	10,02	2,75	9,89	2,78
	6,0	11,74	2,82	11,60	2,84	11,47	2,87	11,40	2,88	11,34	2,90	11,20	2,92
	10,0	12,61	2,91	12,48	2,94	12,35	2,97	12,28	2,98	12,10	2,92	11,29	2,64
	15,0	13,71	3,04	13,35	2,93	12,73	2,68	12,41	2,56	12,21	2,45	11,47	2,22
3.5+6.0	-15,0	8,23	2,72	8,09	2,75	7,96	2,77	7,89	2,79	7,83	2,80	7,69	2,83
	-10,0	9,32	2,84	9,19	2,87	9,06	2,90	8,99	2,91	8,92	2,92	8,79	2,95
	-5,0	10,42	2,97	10,28	2,99	10,15	3,02	10,08	3,03	10,02	3,05	9,88	3,07
	0,0	11,51	3,09	11,38	3,12	11,25	3,14	11,18	3,16	11,11	3,17	10,98	3,20
	6,0	12,83	3,24	12,69	3,26	12,56	3,29	12,49	3,30	12,43	3,32	12,29	3,34
	10,0	13,70	3,33	13,57	3,36	13,44	3,39	13,37	3,40	13,19	3,34	12,38	3,06
	15,0	14,80	3,46	14,44	3,35	13,82	3,10	13,50	2,98	13,30	2,87	12,56	2,64
3.5+7.1	-15,0	8,26	2,64	8,12	2,67	7,99	2,69	7,92	2,71	7,86	2,72	7,72	2,75
	-10,0	9,35	2,76	9,22	2,79	9,09	2,82	9,02	2,83	8,95	2,84	8,82	2,87
	-5,0	10,45	2,89	10,31	2,91	10,18	2,94	10,11	2,95	10,05	2,97	9,91	2,99
	0,0	11,54	3,01	11,41	3,04	11,28	3,06	11,21	3,08	11,14	3,09	11,01	3,12
	6,0	12,86	3,16	12,72	3,18	12,59	3,21	12,52	3,22	12,46	3,24	12,32	3,26
	10,0	13,73	3,25	13,60	3,28	13,47	3,31	13,40	3,32	13,22	3,26	12,41	2,98
	15,0	14,83	3,38	14,47	3,27	13,85	3,02	13,53	2,90	13,33	2,79	12,59	2,56
4.2+4.2	-15,0	7,24	2,79	7,12	2,82	6,99	2,85	6,93	2,86	6,87	2,87	6,74	2,90
	-10,0	8,26	2,92	8,14	2,95	8,01	2,97	7,95	2,99	7,89	3,00	7,76	3,03
	-5,0	9,28	3,05	9,15	3,08	9,03	3,10	8,97	3,12	8,90	3,13	8,78	3,16
	0,0	10,30	3,18	10,17	3,21	10,05	3,23	9,99	3,25	9,92	3,26	9,80	3,29
	6,0	11,52	3,33	11,39	3,36	11,27	3,39	11,21	3,40	11,15	3,42	11,02	3,45
	10,0	12,33	3,44	12,21	3,47	12,08	3,49	12,02	3,51	11,96	3,52	11,43	3,25
	15,0	13,35	3,57	13,21	3,58	12,62	3,29	12,32	3,16	12,03	3,02	11,69	2,77
4.2+5.0	-15,0	7,57	2,58	7,43	2,61	7,30	2,63	7,23	2,65	7,17	2,66	7,03	2,69
	-10,0	8,66	2,70	8,53	2,73	8,40	2,76	8,33	2,77	8,26	2,78	8,13	2,81
	-5,0	9,76	2,83	9,62	2,85	9,49	2,88	9,42	2,89	9,36	2,91	9,22	2,93
	0,0	10,85	2,95	10,72	2,98	10,59	3,00	10,52	3,02	10,45	3,03	10,32	3,06
	6,0	12,17	3,10	12,03	3,12	11,90	3,15	11,83	3,16	11,77	3,18	11,63	3,20
	10,0	13,04	3,19	12,91	3,22	12,78	3,25	12,71	3,26	12,53	3,20	11,72	2,92
	15,0	14,14	3,32	13,78	3,21	13,16	2,96	12,84	2,84	12,64	2,73	11,90	2,50

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104181

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
4.2+6.0	-15,0	8,24	2,71	8,10	2,74	7,97	2,76	7,90	2,78	7,84	2,79	7,70	2,82
	-10,0	9,33	2,83	9,20	2,86	9,07	2,89	9,00	2,90	8,93	2,91	8,80	2,94
	-5,0	10,43	2,96	10,29	2,98	10,16	3,01	10,09	3,02	10,03	3,04	9,89	3,06
	0,0	11,52	3,08	11,39	3,11	11,26	3,13	11,19	3,15	11,12	3,16	10,99	3,19
	6,0	12,84	3,23	12,70	3,25	12,57	3,28	12,50	3,29	12,44	3,31	12,30	3,33
	10,0	13,71	3,32	13,58	3,35	13,45	3,38	13,38	3,39	13,20	3,33	12,39	3,05
	15,0	14,81	3,45	14,45	3,34	13,83	3,09	13,51	2,97	13,31	2,86	12,57	2,63
4.2+7.1	-15,0	8,26	2,63	8,12	2,66	7,99	2,68	7,92	2,70	7,86	2,71	7,72	2,74
	-10,0	9,35	2,75	9,22	2,78	9,09	2,81	9,02	2,82	8,95	2,83	8,82	2,86
	-5,0	10,45	2,88	10,31	2,90	10,18	2,93	10,11	2,94	10,05	2,96	9,91	2,98
	0,0	11,54	3,00	11,41	3,03	11,28	3,05	11,21	3,07	11,14	3,08	11,01	3,11
	6,0	12,86	3,15	12,72	3,17	12,59	3,20	12,52	3,21	12,46	3,23	12,32	3,25
	10,0	13,73	3,24	13,60	3,27	13,47	3,30	13,40	3,31	13,22	3,25	12,41	2,97
	15,0	14,83	3,37	14,47	3,26	13,85	3,01	13,53	2,89	13,33	2,78	12,59	2,55
5.0+5.0	-15,0	7,84	2,63	7,69	2,66	7,54	2,69	7,47	2,71	7,40	2,72	7,25	2,75
	-10,0	9,04	2,77	8,89	2,80	8,75	2,83	8,67	2,85	8,60	2,86	8,45	2,89
	-5,0	10,24	2,91	10,09	2,94	9,95	2,97	9,87	2,99	9,80	3,00	9,65	3,03
	0,0	11,44	3,05	11,30	3,08	11,15	3,11	11,07	3,13	11,00	3,14	10,85	3,17
	6,0	12,88	3,22	12,74	3,25	12,59	3,28	12,52	3,30	12,44	3,31	12,18	3,25
	10,0	13,84	3,33	13,70	3,36	13,49	3,35	13,16	3,19	12,83	3,03	12,62	2,74
	15,0	14,81	3,32	14,15	3,04	13,92	2,77	13,58	2,65	13,27	2,52	12,92	2,29
5.0+6.0	-15,0	8,09	2,55	7,94	2,58	7,79	2,61	7,72	2,63	7,65	2,64	7,50	2,67
	-10,0	9,29	2,69	9,14	2,72	9,00	2,75	8,92	2,77	8,85	2,78	8,70	2,81
	-5,0	10,49	2,83	10,34	2,86	10,20	2,89	10,12	2,91	10,05	2,92	9,90	2,95
	0,0	11,69	2,97	11,55	3,00	11,40	3,03	11,32	3,05	11,25	3,06	11,10	3,09
	6,0	13,13	3,14	12,99	3,17	12,84	3,20	12,77	3,22	12,69	3,23	12,43	3,17
	10,0	14,09	3,25	13,95	3,28	13,74	3,27	13,41	3,11	13,08	2,95	12,87	2,66
	15,0	15,06	3,24	14,40	2,96	14,17	2,69	13,83	2,57	13,52	2,44	13,17	2,21
5.0+7.1	-15,0	7,70	2,33	7,55	2,36	7,40	2,39	7,33	2,41	7,26	2,42	7,11	2,45
	-10,0	8,90	2,47	8,75	2,50	8,61	2,53	8,53	2,55	8,46	2,56	8,31	2,59
	-5,0	10,10	2,61	9,95	2,64	9,81	2,67	9,73	2,69	9,66	2,70	9,51	2,73
	0,0	11,30	2,75	11,16	2,78	11,01	2,81	10,93	2,83	10,86	2,84	10,71	2,87
	6,0	12,74	2,92	12,60	2,95	12,45	2,98	12,38	3,00	12,30	3,01	12,04	2,95
	10,0	13,70	3,03	13,56	3,06	13,35	3,05	13,02	2,89	12,69	2,73	12,48	2,44
	15,0	14,67	3,02	14,01	2,74	13,78	2,47	13,44	2,35	13,13	2,22	12,78	1,99
6.0+6.0	-15,0	7,91	2,30	7,76	2,33	7,61	2,36	7,54	2,38	7,47	2,39	7,32	2,42
	-10,0	9,11	2,44	8,96	2,47	8,82	2,50	8,74	2,52	8,67	2,53	8,52	2,56
	-5,0	10,31	2,58	10,16	2,61	10,02	2,64	9,94	2,66	9,87	2,67	9,72	2,70
	0,0	11,51	2,72	11,37	2,75	11,22	2,78	11,14	2,80	11,07	2,81	10,92	2,84
	6,0	12,95	2,89	12,81	2,92	12,66	2,95	12,59	2,97	12,51	2,98	12,25	2,92
	10,0	13,91	3,00	13,77	3,03	13,56	3,02	13,23	2,86	12,90	2,70	12,69	2,41
	15,0	14,88	2,99	14,22	2,71	13,99	2,44	13,65	2,32	13,34	2,19	12,99	1,96

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
6.0+7.1	-15,0	7,94	2,29	7,79	2,32	7,64	2,35	7,57	2,37	7,50	2,38	7,35	2,41
	-10,0	9,14	2,43	8,99	2,46	8,85	2,49	8,77	2,51	8,70	2,52	8,55	2,55
	-5,0	10,34	2,57	10,19	2,60	10,05	2,63	9,97	2,65	9,90	2,66	9,75	2,69
	0,0	11,54	2,71	11,40	2,74	11,25	2,77	11,17	2,79	11,10	2,80	10,95	2,83
	6,0	12,98	2,88	12,84	2,91	12,69	2,94	12,62	2,96	12,54	2,97	12,28	2,91
	10,0	13,94	2,99	13,80	3,02	13,59	3,01	13,26	2,85	12,93	2,69	12,72	2,40
	15,0	14,91	2,98	14,25	2,70	14,02	2,43	13,68	2,31	13,37	2,18	13,02	1,95
7.1+7.1	-15,0	7,97	2,28	7,82	2,31	7,67	2,34	7,60	2,36	7,53	2,37	7,38	2,40
	-10,0	9,17	2,42	9,02	2,45	8,88	2,48	8,80	2,50	8,73	2,51	8,58	2,54
	-5,0	10,37	2,56	10,22	2,59	10,08	2,62	10,00	2,64	9,93	2,65	9,78	2,68
	0,0	11,57	2,70	11,43	2,73	11,28	2,76	11,20	2,78	11,13	2,79	10,98	2,82
	6,0	13,01	2,87	12,87	2,90	12,72	2,93	12,65	2,95	12,57	2,96	12,31	2,90
	10,0	13,97	2,98	13,83	3,01	13,62	3,00	13,29	2,84	12,96	2,68	12,75	2,39
	15,0	14,94	2,97	14,28	2,69	14,05	2,42	13,71	2,30	13,40	2,17	13,05	1,94
1.5+1.5+1.5	-15,0	5,18	1,43	5,06	1,45	4,96	1,47	4,88	1,48	4,82	1,49	4,70	1,51
	-10,0	6,16	1,52	6,04	1,54	5,92	1,56	5,86	1,57	5,80	1,59	5,68	1,61
	-5,0	7,05	1,62	7,02	1,64	6,90	1,66	6,84	1,67	6,78	1,68	6,66	1,70
	0,0	8,11	1,71	7,99	1,73	7,88	1,76	7,82	1,77	7,76	1,78	7,64	1,80
	6,0	9,29	1,83	9,17	1,85	9,05	1,87	8,99	1,88	8,93	1,89	8,81	1,91
	10,0	10,07	1,90	9,95	1,93	9,83	1,95	9,77	1,96	9,71	1,97	9,59	1,99
	15,0	11,05	2,00	10,93	2,02	10,81	2,04	10,75	2,05	10,69	2,06	10,57	2,08
1.5+1.5+2.0	-15,0	5,18	1,43	5,06	1,45	4,96	1,47	4,88	1,48	4,82	1,49	4,70	1,51
	-10,0	6,16	1,52	6,04	1,54	5,92	1,56	5,86	1,57	5,80	1,59	5,68	1,61
	-5,0	7,05	1,62	7,02	1,64	6,90	1,66	6,84	1,67	6,78	1,68	6,66	1,70
	0,0	8,11	1,71	7,99	1,73	7,88	1,76	7,82	1,77	7,76	1,78	7,64	1,80
	6,0	9,29	1,83	9,17	1,85	9,05	1,87	8,99	1,88	8,93	1,89	8,81	1,91
	10,0	10,07	1,90	9,95	1,93	9,83	1,95	9,77	1,96	9,71	1,97	9,59	1,99
	15,0	11,05	2,00	10,93	2,02	10,81	2,04	10,75	2,05	10,69	2,06	10,57	2,08
1.5+1.5+2.5	-15,0	5,18	1,43	5,06	1,45	4,96	1,47	4,88	1,48	4,82	1,49	4,70	1,51
	-10,0	6,16	1,52	6,04	1,54	5,92	1,56	5,86	1,57	5,80	1,59	5,68	1,61
	-5,0	7,05	1,62	7,02	1,64	6,90	1,66	6,84	1,67	6,78	1,68	6,66	1,70
	0,0	8,11	1,71	7,99	1,73	7,88	1,76	7,82	1,77	7,76	1,78	7,64	1,80
	6,0	9,29	1,83	9,17	1,85	9,05	1,87	8,99	1,88	8,93	1,89	8,81	1,91
	10,0	10,07	1,90	9,95	1,93	9,83	1,95	9,77	1,96	9,71	1,97	9,59	1,99
	15,0	11,05	2,00	10,93	2,02	10,81	2,04	10,75	2,05	10,69	2,06	10,57	2,08
1.5+1.5+3.5	-15,0	6,58	1,94	6,45	1,96	6,31	1,99	6,24	2,00	6,17	2,02	6,04	2,04
	-10,0	7,70	2,06	7,56	2,08	7,43	2,11	7,36	2,12	7,29	2,14	7,15	2,16
	-5,0	8,82	2,18	8,68	2,20	8,54	2,23	8,47	2,24	8,41	2,25	8,27	2,28
	0,0	9,93	2,30	9,80	2,32	9,66	2,35	9,59	2,36	9,52	2,37	9,39	2,40
	6,0	11,27	2,44	11,14	2,46	11,00	2,49	10,93	2,50	10,86	2,52	10,73	2,54
	10,0	12,17	2,53	12,03	2,56	11,89	2,59	11,83	2,60	11,76	2,61	11,62	2,64
	15,0	13,28	2,65	13,15	2,68	13,01	2,70	12,94	2,72	12,87	2,73	12,74	2,76

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104182

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+4.2	-15,0	6,58	1,94	6,45	1,96	6,31	1,99	6,24	2,00	6,17	2,02	6,04	2,04
	-10,0	7,70	2,06	7,56	2,08	7,43	2,11	7,36	2,12	7,29	2,14	7,15	2,16
	-5,0	8,82	2,18	8,68	2,20	8,54	2,23	8,47	2,24	8,41	2,25	8,27	2,28
	0,0	9,93	2,30	9,80	2,32	9,66	2,35	9,59	2,36	9,52	2,37	9,39	2,40
	6,0	11,27	2,44	11,14	2,46	11,00	2,49	10,93	2,50	10,86	2,52	10,73	2,54
	10,0	12,17	2,53	12,03	2,56	11,89	2,59	11,83	2,60	11,76	2,61	11,62	2,64
	15,0	13,28	2,65	13,15	2,68	13,01	2,70	12,94	2,72	12,87	2,73	12,74	2,76
1.5+1.5+5.0	-15,0	7,20	2,16	7,05	2,19	6,91	2,22	6,84	2,23	6,77	2,25	6,62	2,27
	-10,0	8,38	2,29	8,24	2,32	8,09	2,35	8,02	2,36	7,95	2,37	7,80	2,40
	-5,0	9,57	2,42	9,42	2,44	9,28	2,47	9,20	2,49	9,13	2,50	8,99	2,53
	0,0	10,75	2,54	10,60	2,57	10,46	2,60	10,39	2,61	10,32	2,63	10,17	2,65
	6,0	12,17	2,69	12,02	2,72	11,88	2,75	11,81	2,76	11,74	2,78	11,59	2,81
	10,0	13,12	2,80	12,97	2,82	12,83	2,85	12,75	2,86	12,68	2,88	12,54	2,91
	15,0	14,30	2,92	14,15	2,95	14,01	2,98	13,94	2,99	13,87	3,01	13,72	3,03
1.5+1.5+6.0	-15,0	7,95	2,35	7,80	2,38	7,66	2,41	7,59	2,42	7,52	2,44	7,37	2,46
	-10,0	9,13	2,48	8,99	2,51	8,84	2,54	8,77	2,55	8,70	2,56	8,55	2,59
	-5,0	10,32	2,61	10,17	2,63	10,03	2,66	9,95	2,68	9,88	2,69	9,74	2,72
	0,0	11,50	2,73	11,35	2,76	11,21	2,79	11,14	2,80	11,07	2,82	10,92	2,84
	6,0	12,92	2,88	12,77	2,91	12,63	2,94	12,56	2,95	12,49	2,97	12,34	3,00
	10,0	13,87	2,99	13,72	3,01	13,58	3,04	13,50	3,05	13,43	3,07	13,29	3,10
	15,0	15,05	3,11	14,90	3,14	14,76	3,17	14,69	3,18	14,62	3,20	14,47	3,22
1.5+1.5+7.1	-15,0	7,99	2,34	7,84	2,37	7,70	2,40	7,63	2,41	7,56	2,43	7,41	2,45
	-10,0	9,17	2,47	9,03	2,50	8,88	2,53	8,81	2,54	8,74	2,55	8,59	2,58
	-5,0	10,36	2,60	10,21	2,62	10,07	2,65	9,99	2,67	9,92	2,68	9,78	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,18	2,79	11,11	2,81	10,96	2,83
	6,0	12,96	2,87	12,81	2,90	12,67	2,93	12,60	2,94	12,53	2,96	12,38	2,99
	10,0	13,91	2,98	13,76	3,00	13,62	3,03	13,54	3,04	13,47	3,06	13,33	3,09
	15,0	15,09	3,10	14,94	3,13	14,80	3,16	14,73	3,17	14,66	3,19	14,51	3,21
1.5+2.0+2.0	-15,0	5,18	1,43	5,06	1,45	4,96	1,47	4,88	1,48	4,82	1,49	4,70	1,51
	-10,0	6,16	1,52	6,04	1,54	5,92	1,56	5,86	1,57	5,80	1,59	5,68	1,61
	-5,0	7,05	1,62	7,02	1,64	6,90	1,66	6,84	1,67	6,78	1,68	6,66	1,70
	0,0	8,11	1,71	7,99	1,73	7,88	1,76	7,82	1,77	7,76	1,78	7,64	1,80
	6,0	9,29	1,83	9,17	1,85	9,05	1,87	8,99	1,88	8,93	1,89	8,81	1,91
	10,0	10,07	1,90	9,95	1,93	9,83	1,95	9,77	1,96	9,71	1,97	9,59	1,99
	15,0	11,05	2,00	10,93	2,02	10,81	2,04	10,75	2,05	10,69	2,06	10,57	2,08
1.5+2.0+2.5	-15,0	6,38	1,79	6,26	1,81	6,16	1,83	6,08	1,84	6,02	1,85	5,90	1,87
	-10,0	7,36	1,88	7,24	1,90	7,12	1,92	7,06	1,93	7,00	1,95	6,88	1,97
	-5,0	8,25	1,98	8,22	2,00	8,10	2,02	8,04	2,03	7,98	2,04	7,86	2,06
	0,0	9,31	2,07	9,19	2,09	9,08	2,12	9,02	2,13	8,96	2,14	8,84	2,16
	6,0	10,49	2,19	10,37	2,21	10,25	2,23	10,19	2,24	10,13	2,25	10,01	2,27
	10,0	11,27	2,26	11,15	2,29	11,03	2,31	10,97	2,32	10,91	2,33	10,79	2,35
	15,0	12,25	2,36	12,13	2,38	12,01	2,40	11,95	2,41	11,89	2,42	11,77	2,44

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+3.5	-15,0	6,58	1,94	6,45	1,96	6,31	1,99	6,24	2,00	6,17	2,02	6,04	2,04
	-10,0	7,70	2,06	7,56	2,08	7,43	2,11	7,36	2,12	7,29	2,14	7,15	2,16
	-5,0	8,82	2,18	8,68	2,20	8,54	2,23	8,47	2,24	8,41	2,25	8,27	2,28
	0,0	9,93	2,30	9,80	2,32	9,66	2,35	9,59	2,36	9,52	2,37	9,39	2,40
	6,0	11,27	2,44	11,14	2,46	11,00	2,49	10,93	2,50	10,86	2,52	10,73	2,54
	10,0	12,17	2,53	12,03	2,56	11,89	2,59	11,83	2,60	11,76	2,61	11,62	2,64
	15,0	13,28	2,65	13,15	2,68	13,01	2,70	12,94	2,72	12,87	2,73	12,74	2,76
1.5+2.0+4.2	-15,0	7,28	2,24	7,15	2,26	7,01	2,29	6,94	2,30	6,87	2,32	6,74	2,34
	-10,0	8,40	2,36	8,26	2,38	8,13	2,41	8,06	2,42	7,99	2,44	7,85	2,46
	-5,0	9,52	2,48	9,38	2,50	9,24	2,53	9,17	2,54	9,11	2,55	8,97	2,58
	0,0	10,63	2,60	10,50	2,62	10,36	2,65	10,29	2,66	10,22	2,67	10,09	2,70
	6,0	11,97	2,74	11,84	2,76	11,70	2,79	11,63	2,80	11,56	2,82	11,43	2,84
	10,0	12,87	2,83	12,73	2,86	12,59	2,89	12,53	2,90	12,46	2,91	12,32	2,94
	15,0	13,98	2,95	13,85	2,98	13,71	3,00	13,64	3,02	13,57	3,03	13,44	3,06
1.5+2.0+5.0	-15,0	7,20	2,16	7,05	2,19	6,91	2,22	6,84	2,23	6,77	2,25	6,62	2,27
	-10,0	8,38	2,29	8,24	2,32	8,09	2,35	8,02	2,36	7,95	2,37	7,80	2,40
	-5,0	9,57	2,42	9,42	2,44	9,28	2,47	9,20	2,49	9,13	2,50	8,99	2,53
	0,0	10,75	2,54	10,60	2,57	10,46	2,60	10,39	2,61	10,32	2,63	10,17	2,65
	6,0	12,17	2,69	12,02	2,72	11,88	2,75	11,81	2,76	11,74	2,78	11,59	2,81
	10,0	13,12	2,80	12,97	2,82	12,83	2,85	12,75	2,86	12,68	2,88	12,54	2,91
	15,0	14,30	2,92	14,15	2,95	14,01	2,98	13,94	2,99	13,87	3,01	13,72	3,03
1.5+2.0+6.0	-15,0	7,95	2,35	7,80	2,38	7,66	2,41	7,59	2,42	7,52	2,44	7,37	2,46
	-10,0	9,13	2,48	8,99	2,51	8,84	2,54	8,77	2,55	8,70	2,56	8,55	2,59
	-5,0	10,32	2,61	10,17	2,63	10,03	2,66	9,95	2,68	9,88	2,69	9,74	2,72
	0,0	11,50	2,73	11,35	2,76	11,21	2,79	11,14	2,80	11,07	2,82	10,92	2,84
	6,0	12,92	2,88	12,77	2,91	12,63	2,94	12,56	2,95	12,49	2,97	12,34	3,00
	10,0	13,87	2,99	13,72	3,01	13,58	3,04	13,50	3,05	13,43	3,07	13,29	3,10
	15,0	15,05	3,11	14,90	3,14	14,76	3,17	14,69	3,18	14,62	3,20	14,47	3,22
1.5+2.0+7.1	-15,0	7,99	2,34	7,84	2,37	7,70	2,40	7,63	2,41	7,56	2,43	7,41	2,45
	-10,0	9,17	2,47	9,03	2,50	8,88	2,53	8,81	2,54	8,74	2,55	8,59	2,58
	-5,0	10,36	2,60	10,21	2,62	10,07	2,65	9,99	2,67	9,92	2,68	9,78	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,18	2,79	11,11	2,81	10,96	2,83
	6,0	12,96	2,87	12,81	2,90	12,67	2,93	12,60	2,94	12,53	2,96	12,38	2,99
	10,0	13,91	2,98	13,76	3,00	13,62	3,03	13,54	3,04	13,47	3,06	13,33	3,09
	15,0	15,09	3,10	14,94	3,13	14,80	3,16	14,73	3,17	14,66	3,19	14,51	3,21
1.5+2.5+2.5	-15,0	6,94	2,03	6,82	2,05	6,72	2,07	6,64	2,08	6,58	2,09	6,46	2,11
	-10,0	7,92	2,12	7,80	2,14	7,68	2,16	7,62	2,17	7,56	2,19	7,44	2,21
	-5,0	8,81	2,22	8,78	2,24	8,66	2,26	8,60	2,27	8,54	2,28	8,42	2,30
	0,0	9,87	2,31	9,75	2,33	9,64	2,36	9,58	2,37	9,52	2,38	9,40	2,40
	6,0	11,05	2,43	10,93	2,45	10,81	2,47	10,75	2,48	10,69	2,49	10,57	2,51
	10,0	11,83	2,50	11,71	2,53	11,59	2,55	11,53	2,56	11,47	2,57	11,35	2,59
	15,0	12,81	2,60	12,69	2,62	12,57	2,64	12,51	2,65	12,45	2,66	12,33	2,68

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104183

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+3.5	-15,0	7,28	2,24	7,15	2,26	7,01	2,29	6,94	2,30	6,87	2,32	6,74	2,34
	-10,0	8,40	2,36	8,26	2,38	8,13	2,41	8,06	2,42	7,99	2,44	7,85	2,46
	-5,0	9,52	2,48	9,38	2,50	9,24	2,53	9,17	2,54	9,11	2,55	8,97	2,58
	0,0	10,63	2,60	10,50	2,62	10,36	2,65	10,29	2,66	10,22	2,67	10,09	2,70
	6,0	11,97	2,74	11,84	2,76	11,70	2,79	11,63	2,80	11,56	2,82	11,43	2,84
	10,0	12,87	2,83	12,73	2,86	12,59	2,89	12,53	2,90	12,46	2,91	12,32	2,94
	15,0	13,98	2,95	13,85	2,98	13,71	3,00	13,64	3,02	13,57	3,03	13,44	3,06
1.5+2.5+4.2	-15,0	7,28	2,24	7,15	2,26	7,01	2,29	6,94	2,30	6,87	2,32	6,74	2,34
	-10,0	8,40	2,36	8,26	2,38	8,13	2,41	8,06	2,42	7,99	2,44	7,85	2,46
	-5,0	9,52	2,48	9,38	2,50	9,24	2,53	9,17	2,54	9,11	2,55	8,97	2,58
	0,0	10,63	2,60	10,50	2,62	10,36	2,65	10,29	2,66	10,22	2,67	10,09	2,70
	6,0	11,97	2,74	11,84	2,76	11,70	2,79	11,63	2,80	11,56	2,82	11,43	2,84
	10,0	12,87	2,83	12,73	2,86	12,59	2,89	12,53	2,90	12,46	2,91	12,32	2,94
	15,0	13,98	2,95	13,85	2,98	13,71	3,00	13,64	3,02	13,57	3,03	13,44	3,06
1.5+2.5+5.0	-15,0	7,71	2,37	7,56	2,40	7,42	2,43	7,35	2,44	7,28	2,46	7,13	2,48
	-10,0	8,89	2,50	8,75	2,53	8,60	2,56	8,53	2,57	8,46	2,58	8,31	2,61
	-5,0	10,08	2,63	9,93	2,65	9,79	2,68	9,71	2,70	9,64	2,71	9,50	2,74
	0,0	11,26	2,75	11,11	2,78	10,97	2,81	10,90	2,82	10,83	2,84	10,68	2,86
	6,0	12,68	2,90	12,53	2,93	12,39	2,96	12,32	2,97	12,25	2,99	12,10	3,02
	10,0	13,63	3,01	13,48	3,03	13,34	3,06	13,26	3,07	13,19	3,09	13,05	3,12
	15,0	14,81	3,13	14,66	3,16	14,52	3,19	14,45	3,20	14,38	3,22	14,23	3,24
1.5+2.5+6.0	-15,0	7,95	2,35	7,80	2,38	7,66	2,41	7,59	2,42	7,52	2,44	7,37	2,46
	-10,0	9,13	2,48	8,99	2,51	8,84	2,54	8,77	2,55	8,70	2,56	8,55	2,59
	-5,0	10,32	2,61	10,17	2,63	10,03	2,66	9,95	2,68	9,88	2,69	9,74	2,72
	0,0	11,50	2,73	11,35	2,76	11,21	2,79	11,14	2,80	11,07	2,82	10,92	2,84
	6,0	12,92	2,88	12,77	2,91	12,63	2,94	12,56	2,95	12,49	2,97	12,34	3,00
	10,0	13,87	2,99	13,72	3,01	13,58	3,04	13,50	3,05	13,43	3,07	13,29	3,10
	15,0	15,05	3,11	14,90	3,14	14,76	3,17	14,69	3,18	14,62	3,20	14,47	3,22
1.5+2.5+7.1	-15,0	7,99	2,34	7,84	2,37	7,70	2,40	7,63	2,41	7,56	2,43	7,41	2,45
	-10,0	9,17	2,47	9,03	2,50	8,88	2,53	8,81	2,54	8,74	2,55	8,59	2,58
	-5,0	10,36	2,60	10,21	2,62	10,07	2,65	9,99	2,67	9,92	2,68	9,78	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,18	2,79	11,11	2,81	10,96	2,83
	6,0	12,96	2,87	12,81	2,90	12,67	2,93	12,60	2,94	12,53	2,96	12,38	2,99
	10,0	13,91	2,98	13,76	3,00	13,62	3,03	13,54	3,04	13,47	3,06	13,33	3,09
	15,0	15,09	3,10	14,94	3,13	14,80	3,16	14,73	3,17	14,66	3,19	14,51	3,21
1.5+3.5+3.5	-15,0	7,14	2,20	7,00	2,23	6,86	2,26	6,79	2,27	6,71	2,29	6,57	2,32
	-10,0	8,31	2,33	8,17	2,36	8,03	2,39	7,96	2,40	7,88	2,42	7,74	2,45
	-5,0	9,48	2,46	9,34	2,49	9,20	2,52	9,12	2,53	9,05	2,55	8,91	2,57
	0,0	10,65	2,59	10,51	2,62	10,37	2,65	10,29	2,66	10,22	2,67	10,08	2,70
	6,0	12,06	2,74	11,91	2,77	11,77	2,80	11,70	2,81	11,63	2,83	11,48	2,86
	10,0	12,99	2,85	12,85	2,87	12,71	2,90	12,63	2,92	12,56	2,93	12,42	2,96
	15,0	14,16	2,98	14,02	3,00	13,88	3,03	13,80	3,05	13,73	3,06	13,59	3,09

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+3.5+4.2	-15,0	7,63	2,41	7,49	2,44	7,35	2,47	7,28	2,48	7,20	2,50	7,06	2,53
	-10,0	8,80	2,54	8,66	2,57	8,52	2,60	8,45	2,61	8,37	2,63	8,23	2,66
	-5,0	9,97	2,67	9,83	2,70	9,69	2,73	9,61	2,74	9,54	2,76	9,40	2,78
	0,0	11,14	2,80	11,00	2,83	10,86	2,86	10,78	2,87	10,71	2,88	10,57	2,91
	6,0	12,55	2,95	12,40	2,98	12,26	3,01	12,19	3,02	12,12	3,04	11,97	3,07
	10,0	13,48	3,06	13,34	3,08	13,20	3,11	13,12	3,13	13,05	3,14	12,91	3,17
	15,0	14,65	3,19	14,51	3,21	14,37	3,24	14,29	3,26	14,22	3,27	14,08	3,30
1.5+3.5+5.0	-15,0	7,59	2,34	7,44	2,37	7,29	2,40	7,22	2,41	7,14	2,43	7,05	2,46
	-10,0	8,82	2,48	8,67	2,51	8,52	2,54	8,45	2,55	8,37	2,56	8,22	2,59
	-5,0	10,05	2,61	9,90	2,64	9,75	2,67	9,68	2,69	9,60	2,70	9,45	2,73
	0,0	11,28	2,75	11,13	2,78	10,98	2,81	10,91	2,82	10,83	2,84	10,68	2,87
	6,0	12,76	2,91	12,61	2,94	12,46	2,97	12,38	2,98	12,31	3,00	12,16	3,03
	10,0	13,75	3,02	13,60	3,05	13,44	3,08	13,37	3,09	13,29	3,11	13,14	3,14
	15,0	14,98	3,16	14,83	3,18	14,68	3,21	14,60	3,23	14,52	3,24	14,37	3,27
1.5+3.5+6.0	-15,0	7,83	2,32	7,68	2,35	7,53	2,38	7,46	2,39	7,38	2,41	7,29	2,44
	-10,0	9,06	2,46	8,91	2,49	8,76	2,52	8,69	2,53	8,61	2,54	8,46	2,57
	-5,0	10,29	2,59	10,14	2,62	9,99	2,65	9,92	2,67	9,84	2,68	9,69	2,71
	0,0	11,52	2,73	11,37	2,76	11,22	2,79	11,15	2,80	11,07	2,82	10,92	2,85
	6,0	13,00	2,89	12,85	2,92	12,70	2,95	12,62	2,96	12,55	2,98	12,40	3,01
	10,0	13,99	3,00	13,84	3,03	13,68	3,06	13,61	3,07	13,53	3,09	13,38	3,12
	15,0	15,22	3,14	15,07	3,16	14,92	3,19	14,84	3,21	14,76	3,22	14,61	3,25
1.5+3.5+7.1	-15,0	7,86	2,31	7,71	2,34	7,56	2,37	7,49	2,38	7,41	2,40	7,32	2,43
	-10,0	9,09	2,45	8,94	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	-5,0	10,32	2,58	10,17	2,61	10,02	2,64	9,95	2,66	9,87	2,67	9,72	2,70
	0,0	11,55	2,72	11,40	2,75	11,25	2,78	11,18	2,79	11,10	2,81	10,95	2,84
	6,0	13,03	2,88	12,88	2,91	12,73	2,94	12,65	2,95	12,58	2,97	12,43	3,00
	10,0	14,02	2,99	13,87	3,02	13,71	3,05	13,64	3,06	13,56	3,08	13,41	3,11
	15,0	15,25	3,13	15,10	3,15	14,95	3,18	14,87	3,20	14,79	3,21	14,64	3,24
1.5+4.2+4.2	-15,0	7,75	2,46	7,61	2,49	7,47	2,52	7,40	2,53	7,32	2,55	7,18	2,58
	-10,0	8,92	2,59	8,78	2,62	8,64	2,65	8,57	2,66	8,49	2,68	8,35	2,71
	-5,0	10,09	2,72	9,95	2,75	9,81	2,78	9,73	2,79	9,66	2,81	9,52	2,83
	0,0	11,26	2,85	11,12	2,88	10,98	2,91	10,90	2,92	10,83	2,93	10,69	2,96
	6,0	12,67	3,00	12,52	3,03	12,38	3,06	12,31	3,07	12,24	3,09	12,09	3,12
	10,0	13,60	3,11	13,46	3,13	13,32	3,16	13,24	3,18	13,17	3,19	13,03	3,22
	15,0	14,77	3,24	14,63	3,26	14,49	3,29	14,41	3,31	14,34	3,32	14,20	3,35
1.5+4.2+5.0	-15,0	7,71	2,34	7,56	2,37	7,41	2,40	7,34	2,41	7,26	2,43	7,17	2,46
	-10,0	8,94	2,48	8,79	2,51	8,64	2,54	8,57	2,55	8,49	2,56	8,34	2,59
	-5,0	10,17	2,61	10,02	2,64	9,87	2,67	9,80	2,69	9,72	2,70	9,57	2,73
	0,0	11,40	2,75	11,25	2,78	11,10	2,81	11,03	2,82	10,95	2,84	10,80	2,87
	6,0	12,88	2,91	12,73	2,94	12,58	2,97	12,50	2,98	12,43	3,00	12,28	3,03
	10,0	13,87	3,02	13,72	3,05	13,56	3,08	13,49	3,09	13,41	3,11	13,26	3,14
	15,0	15,10	3,16	14,95	3,18	14,80	3,21	14,72	3,23	14,64	3,24	14,49	3,27

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104184

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+4.2+6.0	-15,0	7,95	2,32	7,80	2,35	7,65	2,38	7,58	2,39	7,50	2,41	7,41	2,44
	-10,0	9,18	2,46	9,03	2,49	8,88	2,52	8,81	2,53	8,73	2,54	8,58	2,57
	-5,0	10,41	2,59	10,26	2,62	10,11	2,65	10,04	2,67	9,96	2,68	9,81	2,71
	0,0	11,64	2,73	11,49	2,76	11,34	2,79	11,27	2,80	11,19	2,82	11,04	2,85
	6,0	13,12	2,89	12,97	2,92	12,82	2,95	12,74	2,96	12,67	2,98	12,52	3,01
	10,0	14,11	3,00	13,96	3,03	13,80	3,06	13,73	3,07	13,65	3,09	13,50	3,12
	15,0	15,34	3,14	15,19	3,16	15,04	3,19	14,96	3,21	14,88	3,22	14,73	3,25
1.5+4.2+7.1	-15,0	7,98	2,30	7,83	2,33	7,68	2,36	7,61	2,37	7,53	2,39	7,44	2,42
	-10,0	9,21	2,44	9,06	2,47	8,91	2,50	8,84	2,51	8,76	2,52	8,61	2,55
	-5,0	10,44	2,57	10,29	2,60	10,14	2,63	10,07	2,65	9,99	2,66	9,84	2,69
	0,0	11,67	2,71	11,52	2,74	11,37	2,77	11,30	2,78	11,22	2,80	11,07	2,83
	6,0	13,15	2,87	13,00	2,90	12,85	2,93	12,77	2,94	12,70	2,96	12,55	2,99
	10,0	14,14	2,98	13,99	3,01	13,83	3,04	13,76	3,05	13,68	3,07	13,53	3,10
	15,0	15,37	3,12	15,22	3,14	15,07	3,17	14,99	3,19	14,91	3,20	14,76	3,23
1.5+5.0+5.0	-15,0	7,93	2,38	7,79	2,41	7,64	2,44	7,57	2,45	7,49	2,47	7,35	2,49
	-10,0	9,13	2,51	8,99	2,54	8,84	2,56	8,77	2,58	8,69	2,59	8,55	2,62
	-5,0	10,33	2,64	10,19	2,66	10,04	2,69	9,97	2,70	9,89	2,72	9,75	2,75
	0,0	11,53	2,76	11,39	2,79	11,24	2,82	11,17	2,83	11,09	2,85	10,95	2,87
	6,0	12,97	2,91	12,83	2,94	12,68	2,97	12,61	2,98	12,53	3,00	12,39	3,03
	10,0	13,93	3,02	13,79	3,04	13,64	3,07	13,57	3,09	13,49	3,10	13,35	3,13
	15,0	15,13	3,14	14,99	3,17	14,84	3,20	14,77	3,21	14,69	3,23	14,55	3,25
1.5+5.0+6.0	-15,0	8,17	2,30	8,03	2,33	7,88	2,36	7,81	2,37	7,73	2,39	7,59	2,41
	-10,0	9,37	2,43	9,23	2,46	9,08	2,48	9,01	2,50	8,93	2,51	8,79	2,54
	-5,0	10,57	2,56	10,43	2,58	10,28	2,61	10,21	2,62	10,13	2,64	9,99	2,67
	0,0	11,77	2,68	11,63	2,71	11,48	2,74	11,41	2,75	11,33	2,77	11,19	2,79
	6,0	13,21	2,83	13,07	2,86	12,92	2,89	12,85	2,90	12,77	2,92	12,63	2,95
	10,0	14,17	2,94	14,03	2,96	13,88	2,99	13,81	3,01	13,73	3,02	13,59	3,05
	15,0	15,37	3,06	15,23	3,09	15,08	3,12	15,01	3,13	14,93	3,15	14,79	3,17
1.5+5.0+7.1	-15,0	8,20	2,28	8,06	2,31	7,91	2,34	7,84	2,35	7,76	2,37	7,62	2,39
	-10,0	9,40	2,41	9,26	2,44	9,11	2,46	9,04	2,48	8,96	2,49	8,82	2,52
	-5,0	10,60	2,54	10,46	2,56	10,31	2,59	10,24	2,60	10,16	2,62	10,02	2,65
	0,0	11,80	2,66	11,66	2,69	11,51	2,72	11,44	2,73	11,36	2,75	11,22	2,77
	6,0	13,24	2,81	13,10	2,84	12,95	2,87	12,88	2,88	12,80	2,90	12,66	2,93
	10,0	14,20	2,92	14,06	2,94	13,91	2,97	13,84	2,99	13,76	3,00	13,62	3,03
	15,0	15,40	3,04	15,26	3,07	15,11	3,10	15,04	3,11	14,96	3,13	14,82	3,15
1.5+6.0+6.0	-15,0	8,41	2,22	8,27	2,25	8,12	2,28	8,05	2,29	7,97	2,31	7,83	2,33
	-10,0	9,61	2,35	9,47	2,38	9,32	2,40	9,25	2,42	9,17	2,43	9,03	2,46
	-5,0	10,81	2,48	10,67	2,50	10,52	2,53	10,45	2,54	10,37	2,56	10,23	2,59
	0,0	12,01	2,60	11,87	2,63	11,72	2,66	11,65	2,67	11,57	2,69	11,43	2,71
	6,0	13,45	2,75	13,31	2,78	13,16	2,81	13,09	2,82	13,01	2,84	12,87	2,87
	10,0	14,41	2,86	14,27	2,88	14,12	2,91	14,05	2,93	13,97	2,94	13,83	2,97
	15,0	15,61	2,98	15,47	3,01	15,32	3,04	15,25	3,05	15,17	3,07	15,03	3,09

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+6.0+7.1	-15,0	8,44	2,21	8,30	2,24	8,15	2,27	8,08	2,28	8,00	2,30	7,86	2,32
	-10,0	9,64	2,34	9,50	2,37	9,35	2,39	9,28	2,41	9,20	2,42	9,06	2,45
	-5,0	10,84	2,47	10,70	2,49	10,55	2,52	10,48	2,53	10,40	2,55	10,26	2,58
	0,0	12,04	2,59	11,90	2,62	11,75	2,65	11,68	2,66	11,60	2,68	11,46	2,70
	6,0	13,48	2,74	13,34	2,77	13,19	2,80	13,12	2,81	13,04	2,83	12,90	2,86
	10,0	14,44	2,85	14,30	2,87	14,15	2,90	14,08	2,92	14,00	2,93	13,86	2,96
	15,0	15,64	2,97	15,50	3,00	15,35	3,03	15,28	3,04	15,20	3,06	15,06	3,08
2.0+2.0+2.0	-15,0	6,38	1,79	6,26	1,81	6,16	1,83	6,08	1,84	6,02	1,85	5,90	1,87
	-10,0	7,36	1,88	7,24	1,90	7,12	1,92	7,06	1,93	7,00	1,95	6,88	1,97
	-5,0	8,25	1,98	8,22	2,00	8,10	2,02	8,04	2,03	7,98	2,04	7,86	2,06
	0,0	9,31	2,07	9,19	2,09	9,08	2,12	9,02	2,13	8,96	2,14	8,84	2,16
	6,0	10,49	2,19	10,37	2,21	10,25	2,23	10,19	2,24	10,13	2,25	10,01	2,27
	10,0	11,27	2,26	11,15	2,29	11,03	2,31	10,97	2,32	10,91	2,33	10,79	2,35
	15,0	12,25	2,36	12,13	2,38	12,01	2,40	11,95	2,41	11,89	2,42	11,77	2,44
2.0+2.0+2.5	-15,0	6,94	2,03	6,82	2,05	6,72	2,07	6,64	2,08	6,58	2,09	6,46	2,11
	-10,0	7,92	2,12	7,80	2,14	7,68	2,16	7,62	2,17	7,56	2,19	7,44	2,21
	-5,0	8,81	2,22	8,78	2,24	8,66	2,26	8,60	2,27	8,54	2,28	8,42	2,30
	0,0	9,87	2,31	9,75	2,33	9,64	2,36	9,58	2,37	9,52	2,38	9,40	2,40
	6,0	11,05	2,43	10,93	2,45	10,81	2,47	10,75	2,48	10,69	2,49	10,57	2,51
	10,0	11,83	2,50	11,71	2,53	11,59	2,55	11,53	2,56	11,47	2,57	11,35	2,59
	15,0	12,81	2,60	12,69	2,62	12,57	2,64	12,51	2,65	12,45	2,66	12,33	2,68
2.0+2.0+3.5	-15,0	7,28	2,24	7,15	2,26	7,01	2,29	6,94	2,30	6,87	2,32	6,74	2,34
	-10,0	8,40	2,36	8,26	2,38	8,13	2,41	8,06	2,42	7,99	2,44	7,85	2,46
	-5,0	9,52	2,48	9,38	2,50	9,24	2,53	9,17	2,54	9,11	2,55	8,97	2,58
	0,0	10,63	2,60	10,50	2,62	10,36	2,65	10,29	2,66	10,22	2,67	10,09	2,70
	6,0	11,97	2,74	11,84	2,76	11,70	2,79	11,63	2,80	11,56	2,82	11,43	2,84
	10,0	12,87	2,83	12,73	2,86	12,59	2,89	12,53	2,90	12,46	2,91	12,32	2,94
	15,0	13,98	2,95	13,85	2,98	13,71	3,00	13,64	3,02	13,57	3,03	13,44	3,06
2.0+2.0+4.2	-15,0	7,28	2,24	7,15	2,26	7,01	2,29	6,94	2,30	6,87	2,32	6,74	2,34
	-10,0	8,40	2,36	8,26	2,38	8,13	2,41	8,06	2,42	7,99	2,44	7,85	2,46
	-5,0	9,52	2,48	9,38	2,50	9,24	2,53	9,17	2,54	9,11	2,55	8,97	2,58
	0,0	10,63	2,60	10,50	2,62	10,36	2,65	10,29	2,66	10,22	2,67	10,09	2,70
	6,0	11,97	2,74	11,84	2,76	11,70	2,79	11,63	2,80	11,56	2,82	11,43	2,84
	10,0	12,87	2,83	12,73	2,86	12,59	2,89	12,53	2,90	12,46	2,91	12,32	2,94
	15,0	13,98	2,95	13,85	2,98	13,71	3,00	13,64	3,02	13,57	3,03	13,44	3,06
2.0+2.0+5.0	-15,0	7,71	2,37	7,56	2,40	7,42	2,43	7,35	2,44	7,28	2,46	7,13	2,48
	-10,0	8,89	2,50	8,75	2,53	8,60	2,56	8,53	2,57	8,46	2,58	8,31	2,61
	-5,0	10,08	2,63	9,93	2,65	9,79	2,68	9,71	2,70	9,64	2,71	9,50	2,74
	0,0	11,26	2,75	11,11	2,78	10,97	2,81	10,90	2,82	10,83	2,84	10,68	2,86
	6,0	12,68	2,90	12,53	2,93	12,39	2,96	12,32	2,97	12,25	2,99	12,10	3,02
	10,0	13,63	3,01	13,48	3,03	13,34	3,06	13,26	3,07	13,19	3,09	13,05	3,12
	15,0	14,81	3,13	14,66	3,16	14,52	3,19	14,45	3,20	14,38	3,22	14,23	3,24

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104185

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+6.0	-15,0	7,95	2,35	7,80	2,38	7,66	2,41	7,59	2,42	7,52	2,44	7,37	2,46
	-10,0	9,13	2,48	8,99	2,51	8,84	2,54	8,77	2,55	8,70	2,56	8,55	2,59
	-5,0	10,32	2,61	10,17	2,63	10,03	2,66	9,95	2,68	9,88	2,69	9,74	2,72
	0,0	11,50	2,73	11,35	2,76	11,21	2,79	11,14	2,80	11,07	2,82	10,92	2,84
	6,0	12,92	2,88	12,77	2,91	12,63	2,94	12,56	2,95	12,49	2,97	12,34	3,00
	10,0	13,87	2,99	13,72	3,01	13,58	3,04	13,50	3,05	13,43	3,07	13,29	3,10
	15,0	15,05	3,11	14,90	3,14	14,76	3,17	14,69	3,18	14,62	3,20	14,47	3,22
2.0+2.0+7.1	-15,0	7,99	2,34	7,84	2,37	7,70	2,40	7,63	2,41	7,56	2,43	7,41	2,45
	-10,0	9,17	2,47	9,03	2,50	8,88	2,53	8,81	2,54	8,74	2,55	8,59	2,58
	-5,0	10,36	2,60	10,21	2,62	10,07	2,65	9,99	2,67	9,92	2,68	9,78	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,18	2,79	11,11	2,81	10,96	2,83
	6,0	12,96	2,87	12,81	2,90	12,67	2,93	12,60	2,94	12,53	2,96	12,38	2,99
	10,0	13,91	2,98	13,76	3,00	13,62	3,03	13,54	3,04	13,47	3,06	13,33	3,09
	15,0	15,09	3,10	14,94	3,13	14,80	3,16	14,73	3,17	14,66	3,19	14,51	3,21
2.0+2.5+2.5	-15,0	6,94	2,03	6,82	2,05	6,72	2,07	6,64	2,08	6,58	2,09	6,46	2,11
	-10,0	7,92	2,12	7,80	2,14	7,68	2,16	7,62	2,17	7,56	2,19	7,44	2,21
	-5,0	8,81	2,22	8,78	2,24	8,66	2,26	8,60	2,27	8,54	2,28	8,42	2,30
	0,0	9,87	2,31	9,75	2,33	9,64	2,36	9,58	2,37	9,52	2,38	9,40	2,40
	6,0	11,05	2,43	10,93	2,45	10,81	2,47	10,75	2,48	10,69	2,49	10,57	2,51
	10,0	11,83	2,50	11,71	2,53	11,59	2,55	11,53	2,56	11,47	2,57	11,35	2,59
	15,0	12,81	2,60	12,69	2,62	12,57	2,64	12,51	2,65	12,45	2,66	12,33	2,68
2.0+2.5+3.5	-15,0	7,28	2,24	7,15	2,26	7,01	2,29	6,94	2,30	6,87	2,32	6,74	2,34
	-10,0	8,40	2,36	8,26	2,38	8,13	2,41	8,06	2,42	7,99	2,44	7,85	2,46
	-5,0	9,52	2,48	9,38	2,50	9,24	2,53	9,17	2,54	9,11	2,55	8,97	2,58
	0,0	10,63	2,60	10,50	2,62	10,36	2,65	10,29	2,66	10,22	2,67	10,09	2,70
	6,0	11,97	2,74	11,84	2,76	11,70	2,79	11,63	2,80	11,56	2,82	11,43	2,84
	10,0	12,87	2,83	12,73	2,86	12,59	2,89	12,53	2,90	12,46	2,91	12,32	2,94
	15,0	13,98	2,95	13,85	2,98	13,71	3,00	13,64	3,02	13,57	3,03	13,44	3,06
2.0+2.5+4.2	-15,0	7,76	2,45	7,63	2,47	7,49	2,50	7,42	2,51	7,35	2,53	7,22	2,55
	-10,0	8,88	2,57	8,74	2,59	8,61	2,62	8,54	2,63	8,47	2,65	8,33	2,67
	-5,0	10,00	2,69	9,86	2,71	9,72	2,74	9,65	2,75	9,59	2,76	9,45	2,79
	0,0	11,11	2,81	10,98	2,83	10,84	2,86	10,77	2,87	10,70	2,88	10,57	2,91
	6,0	12,45	2,95	12,32	2,97	12,18	3,00	12,11	3,01	12,04	3,03	11,91	3,05
	10,0	13,35	3,04	13,21	3,07	13,07	3,10	13,01	3,11	12,94	3,12	12,80	3,15
	15,0	14,46	3,16	14,33	3,19	14,19	3,21	14,12	3,23	14,05	3,24	13,92	3,27
2.0+2.5+5.0	-15,0	7,71	2,37	7,56	2,40	7,42	2,43	7,35	2,44	7,28	2,46	7,13	2,48
	-10,0	8,89	2,50	8,75	2,53	8,60	2,56	8,53	2,57	8,46	2,58	8,31	2,61
	-5,0	10,08	2,63	9,93	2,65	9,79	2,68	9,71	2,70	9,64	2,71	9,50	2,74
	0,0	11,26	2,75	11,11	2,78	10,97	2,81	10,90	2,82	10,83	2,84	10,68	2,86
	6,0	12,68	2,90	12,53	2,93	12,39	2,96	12,32	2,97	12,25	2,99	12,10	3,02
	10,0	13,63	3,01	13,48	3,03	13,34	3,06	13,26	3,07	13,19	3,09	13,05	3,12
	15,0	14,81	3,13	14,66	3,16	14,52	3,19	14,45	3,20	14,38	3,22	14,23	3,24

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+6.0	-15,0	7,95	2,35	7,80	2,38	7,66	2,41	7,59	2,42	7,52	2,44	7,37	2,46
	-10,0	9,13	2,48	8,99	2,51	8,84	2,54	8,77	2,55	8,70	2,56	8,55	2,59
	-5,0	10,32	2,61	10,17	2,63	10,03	2,66	9,95	2,68	9,88	2,69	9,74	2,72
	0,0	11,50	2,73	11,35	2,76	11,21	2,79	11,14	2,80	11,07	2,82	10,92	2,84
	6,0	12,92	2,88	12,77	2,91	12,63	2,94	12,56	2,95	12,49	2,97	12,34	3,00
	10,0	13,87	2,99	13,72	3,01	13,58	3,04	13,50	3,05	13,43	3,07	13,29	3,10
	15,0	15,05	3,11	14,90	3,14	14,76	3,17	14,69	3,18	14,62	3,20	14,47	3,22
2.0+2.5+7.1	-15,0	7,99	2,34	7,84	2,37	7,70	2,40	7,63	2,41	7,56	2,43	7,41	2,45
	-10,0	9,17	2,47	9,03	2,50	8,88	2,53	8,81	2,54	8,74	2,55	8,59	2,58
	-5,0	10,36	2,60	10,21	2,62	10,07	2,65	9,99	2,67	9,92	2,68	9,78	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,18	2,79	11,11	2,81	10,96	2,83
	6,0	12,96	2,87	12,81	2,90	12,67	2,93	12,60	2,94	12,53	2,96	12,38	2,99
	10,0	13,91	2,98	13,76	3,00	13,62	3,03	13,54	3,04	13,47	3,06	13,33	3,09
	15,0	15,09	3,10	14,94	3,13	14,80	3,16	14,73	3,17	14,66	3,19	14,51	3,21
2.0+3.5+3.5	-15,0	7,62	2,41	7,48	2,44	7,34	2,47	7,27	2,48	7,19	2,50	7,05	2,53
	-10,0	8,79	2,54	8,65	2,57	8,51	2,60	8,44	2,61	8,36	2,63	8,22	2,66
	-5,0	9,96	2,67	9,82	2,70	9,68	2,73	9,60	2,74	9,53	2,76	9,39	2,78
	0,0	11,13	2,80	10,99	2,83	10,85	2,86	10,77	2,87	10,70	2,88	10,56	2,91
	6,0	12,54	2,95	12,39	2,98	12,25	3,01	12,18	3,02	12,11	3,04	11,96	3,07
	10,0	13,47	3,06	13,33	3,08	13,19	3,11	13,11	3,13	13,04	3,14	12,90	3,17
	15,0	14,64	3,19	14,50	3,21	14,36	3,24	14,28	3,26	14,21	3,27	14,07	3,30
2.0+3.5+4.2	-15,0	7,82	2,51	7,68	2,54	7,54	2,57	7,47	2,58	7,39	2,60	7,25	2,63
	-10,0	8,99	2,64	8,85	2,67	8,71	2,70	8,64	2,71	8,56	2,73	8,42	2,76
	-5,0	10,16	2,77	10,02	2,80	9,88	2,83	9,80	2,84	9,73	2,86	9,59	2,88
	0,0	11,33	2,90	11,19	2,93	11,05	2,96	10,97	2,97	10,90	2,98	10,76	3,01
	6,0	12,74	3,05	12,59	3,08	12,45	3,11	12,38	3,12	12,31	3,14	12,16	3,17
	10,0	13,67	3,16	13,53	3,18	13,39	3,21	13,31	3,23	13,24	3,24	13,10	3,27
	15,0	14,84	3,29	14,70	3,31	14,56	3,34	14,48	3,36	14,41	3,37	14,27	3,40
2.0+3.5+5.0	-15,0	8,02	2,56	7,87	2,59	7,72	2,62	7,65	2,63	7,57	2,65	7,48	2,68
	-10,0	9,25	2,70	9,10	2,73	8,95	2,76	8,88	2,77	8,80	2,78	8,65	2,81
	-5,0	10,48	2,83	10,33	2,86	10,18	2,89	10,11	2,91	10,03	2,92	9,88	2,95
	0,0	11,71	2,97	11,56	3,00	11,41	3,03	11,34	3,04	11,26	3,06	11,11	3,09
	6,0	13,19	3,13	13,04	3,16	12,89	3,19	12,81	3,20	12,74	3,22	12,59	3,25
	10,0	14,18	3,24	14,03	3,27	13,87	3,30	13,80	3,31	13,72	3,33	13,57	3,36
	15,0	15,41	3,38	15,26	3,40	15,11	3,43	15,03	3,45	14,95	3,46	14,80	3,49
2.0+3.5+6.0	-15,0	7,83	2,32	7,68	2,35	7,53	2,38	7,46	2,39	7,38	2,41	7,29	2,44
	-10,0	9,06	2,46	8,91	2,49	8,76	2,52	8,69	2,53	8,61	2,54	8,46	2,57
	-5,0	10,29	2,59	10,14	2,62	9,99	2,65	9,92	2,67	9,84	2,68	9,69	2,71
	0,0	11,52	2,73	11,37	2,76	11,22	2,79	11,15	2,80	11,07	2,82	10,92	2,85
	6,0	13,00	2,89	12,85	2,92	12,70	2,95	12,62	2,96	12,55	2,98	12,40	3,01
	10,0	13,99	3,00	13,84	3,03	13,68	3,06	13,61	3,07	13,53	3,09	13,38	3,12
	15,0	15,22	3,14	15,07	3,16	14,92	3,19	14,84	3,21	14,76	3,22	14,61	3,25

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104186

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+3.5+7.1	-15,0	7,86	2,31	7,71	2,34	7,56	2,37	7,49	2,38	7,41	2,40	7,32	2,43
	-10,0	9,09	2,45	8,94	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	-5,0	10,32	2,58	10,17	2,61	10,02	2,64	9,95	2,66	9,87	2,67	9,72	2,70
	0,0	11,55	2,72	11,40	2,75	11,25	2,78	11,18	2,79	11,10	2,81	10,95	2,84
	6,0	13,03	2,88	12,88	2,91	12,73	2,94	12,65	2,95	12,58	2,97	12,43	3,00
	10,0	14,02	2,99	13,87	3,02	13,71	3,05	13,64	3,06	13,56	3,08	13,41	3,11
	15,0	15,25	3,13	15,10	3,15	14,95	3,18	14,87	3,20	14,79	3,21	14,64	3,24
2.0+4.2+4.2	-15,0	7,83	2,51	7,69	2,54	7,55	2,57	7,48	2,58	7,40	2,60	7,26	2,63
	-10,0	9,00	2,64	8,86	2,67	8,72	2,70	8,65	2,71	8,57	2,73	8,43	2,76
	-5,0	10,17	2,77	10,03	2,80	9,89	2,83	9,81	2,84	9,74	2,86	9,60	2,88
	0,0	11,34	2,90	11,20	2,93	11,06	2,96	10,98	2,97	10,91	2,98	10,77	3,01
	6,0	12,75	3,05	12,60	3,08	12,46	3,11	12,39	3,12	12,32	3,14	12,17	3,17
	10,0	13,68	3,16	13,54	3,18	13,40	3,21	13,32	3,23	13,25	3,24	13,11	3,27
	15,0	14,85	3,29	14,71	3,31	14,57	3,34	14,49	3,36	14,42	3,37	14,28	3,40
2.0+4.2+5.0	-15,0	8,03	2,56	7,88	2,59	7,73	2,62	7,66	2,63	7,58	2,65	7,49	2,68
	-10,0	9,26	2,70	9,11	2,73	8,96	2,76	8,89	2,77	8,81	2,78	8,66	2,81
	-5,0	10,49	2,83	10,34	2,86	10,19	2,89	10,12	2,91	10,04	2,92	9,89	2,95
	0,0	11,72	2,97	11,57	3,00	11,42	3,03	11,35	3,04	11,27	3,06	11,12	3,09
	6,0	13,20	3,13	13,05	3,16	12,90	3,19	12,82	3,20	12,75	3,22	12,60	3,25
	10,0	14,19	3,24	14,04	3,27	13,88	3,30	13,81	3,31	13,73	3,33	13,58	3,36
	15,0	15,42	3,38	15,27	3,40	15,12	3,43	15,04	3,45	14,96	3,46	14,81	3,49
2.0+4.2+6.0	-15,0	7,84	2,32	7,69	2,35	7,54	2,38	7,47	2,39	7,39	2,41	7,30	2,44
	-10,0	9,07	2,46	8,92	2,49	8,77	2,52	8,70	2,53	8,62	2,54	8,47	2,57
	-5,0	10,30	2,59	10,15	2,62	10,00	2,65	9,93	2,67	9,85	2,68	9,70	2,71
	0,0	11,53	2,73	11,38	2,76	11,23	2,79	11,16	2,80	11,08	2,82	10,93	2,85
	6,0	13,01	2,89	12,86	2,92	12,71	2,95	12,63	2,96	12,56	2,98	12,41	3,01
	10,0	14,00	3,00	13,85	3,03	13,69	3,06	13,62	3,07	13,54	3,09	13,39	3,12
	15,0	15,23	3,14	15,08	3,16	14,93	3,19	14,85	3,21	14,77	3,22	14,62	3,25
2.0+4.2+7.1	-15,0	7,87	2,30	7,72	2,33	7,57	2,36	7,50	2,37	7,42	2,39	7,33	2,42
	-10,0	9,10	2,44	8,95	2,47	8,80	2,50	8,73	2,51	8,65	2,52	8,50	2,55
	-5,0	10,33	2,57	10,18	2,60	10,03	2,63	9,96	2,65	9,88	2,66	9,73	2,69
	0,0	11,56	2,71	11,41	2,74	11,26	2,77	11,19	2,78	11,11	2,80	10,96	2,83
	6,0	13,04	2,87	12,89	2,90	12,74	2,93	12,66	2,94	12,59	2,96	12,44	2,99
	10,0	14,03	2,98	13,88	3,01	13,72	3,04	13,65	3,05	13,57	3,07	13,42	3,10
	15,0	15,26	3,12	15,11	3,14	14,96	3,17	14,88	3,19	14,80	3,20	14,65	3,23
2.0+5.0+5.0	-15,0	7,82	2,38	7,68	2,41	7,53	2,44	7,46	2,45	7,38	2,47	7,24	2,49
	-10,0	9,02	2,51	8,88	2,54	8,73	2,56	8,66	2,58	8,58	2,59	8,44	2,62
	-5,0	10,22	2,64	10,08	2,66	9,93	2,69	9,86	2,70	9,78	2,72	9,64	2,75
	0,0	11,42	2,76	11,28	2,79	11,13	2,82	11,06	2,83	10,98	2,85	10,84	2,87
	6,0	12,86	2,91	12,72	2,94	12,57	2,97	12,50	2,98	12,42	3,00	12,28	3,03
	10,0	13,82	3,02	13,68	3,04	13,53	3,07	13,46	3,09	13,38	3,10	13,24	3,13
	15,0	15,02	3,14	14,88	3,17	14,73	3,20	14,66	3,21	14,58	3,23	14,44	3,25

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+5.0+6.0	-15,0	8,05	2,30	7,91	2,33	7,76	2,36	7,69	2,37	7,61	2,39	7,47	2,41
	-10,0	9,25	2,43	9,11	2,46	8,96	2,48	8,89	2,50	8,81	2,51	8,67	2,54
	-5,0	10,45	2,56	10,31	2,58	10,16	2,61	10,09	2,62	10,01	2,64	9,87	2,67
	0,0	11,65	2,68	11,51	2,71	11,36	2,74	11,29	2,75	11,21	2,77	11,07	2,79
	6,0	13,09	2,83	12,95	2,86	12,80	2,89	12,73	2,90	12,65	2,92	12,51	2,95
	10,0	14,05	2,94	13,91	2,96	13,76	2,99	13,69	3,01	13,61	3,02	13,47	3,05
	15,0	15,25	3,06	15,11	3,09	14,96	3,12	14,89	3,13	14,81	3,15	14,67	3,17
2.0+5.0+7.1	-15,0	8,09	2,28	7,95	2,31	7,80	2,34	7,73	2,35	7,65	2,37	7,51	2,39
	-10,0	9,29	2,41	9,15	2,44	9,00	2,46	8,93	2,48	8,85	2,49	8,71	2,52
	-5,0	10,49	2,54	10,35	2,56	10,20	2,59	10,13	2,60	10,05	2,62	9,91	2,65
	0,0	11,69	2,66	11,55	2,69	11,40	2,72	11,33	2,73	11,25	2,75	11,11	2,77
	6,0	13,13	2,81	12,99	2,84	12,84	2,87	12,77	2,88	12,69	2,90	12,55	2,93
	10,0	14,09	2,92	13,95	2,94	13,80	2,97	13,73	2,99	13,65	3,00	13,51	3,03
	15,0	15,29	3,04	15,15	3,07	15,00	3,10	14,93	3,11	14,85	3,13	14,71	3,15
2.0+6.0+6.0	-15,0	8,29	2,22	8,15	2,25	8,00	2,28	7,93	2,29	7,85	2,31	7,71	2,33
	-10,0	9,49	2,35	9,35	2,38	9,20	2,40	9,13	2,42	9,05	2,43	8,91	2,46
	-5,0	10,69	2,48	10,55	2,50	10,40	2,53	10,33	2,54	10,25	2,56	10,11	2,59
	0,0	11,89	2,60	11,75	2,63	11,60	2,66	11,53	2,67	11,45	2,69	11,31	2,71
	6,0	13,33	2,75	13,19	2,78	13,04	2,81	12,97	2,82	12,89	2,84	12,75	2,87
	10,0	14,29	2,86	14,15	2,88	14,00	2,91	13,93	2,93	13,85	2,94	13,71	2,97
	15,0	15,49	2,98	15,35	3,01	15,20	3,04	15,13	3,05	15,05	3,07	14,91	3,09
2.0+6.0+7.1	-15,0	8,32	2,21	8,18	2,24	8,03	2,27	7,96	2,28	7,88	2,30	7,74	2,32
	-10,0	9,52	2,34	9,38	2,37	9,23	2,39	9,16	2,41	9,08	2,42	8,94	2,45
	-5,0	10,72	2,47	10,58	2,49	10,43	2,52	10,36	2,53	10,28	2,55	10,14	2,58
	0,0	11,92	2,59	11,78	2,62	11,63	2,65	11,56	2,66	11,48	2,68	11,34	2,70
	6,0	13,36	2,74	13,22	2,77	13,07	2,80	13,00	2,81	12,92	2,83	12,78	2,86
	10,0	14,32	2,85	14,18	2,87	14,03	2,90	13,96	2,92	13,88	2,93	13,74	2,96
	15,0	15,52	2,97	15,38	3,00	15,23	3,03	15,16	3,04	15,08	3,06	14,94	3,08
2.5+2.5+2.5	-15,0	7,64	2,32	7,52	2,34	7,42	2,36	7,34	2,37	7,28	2,38	7,16	2,40
	-10,0	8,62	2,41	8,50	2,43	8,38	2,45	8,32	2,46	8,26	2,48	8,14	2,50
	-5,0	9,51	2,51	9,48	2,53	9,36	2,55	9,30	2,56	9,24	2,57	9,12	2,59
	0,0	10,57	2,60	10,45	2,62	10,34	2,65	10,28	2,66	10,22	2,67	10,10	2,69
	6,0	11,75	2,72	11,63	2,74	11,51	2,76	11,45	2,77	11,39	2,78	11,27	2,80
	10,0	12,53	2,79	12,41	2,82	12,29	2,84	12,23	2,85	12,17	2,86	12,05	2,88
	15,0	13,51	2,89	13,39	2,91	13,27	2,93	13,21	2,94	13,15	2,95	13,03	2,97
2.5+2.5+3.5	-15,0	7,28	2,24	7,15	2,26	7,01	2,29	6,94	2,30	6,87	2,32	6,74	2,34
	-10,0	8,40	2,36	8,26	2,38	8,13	2,41	8,06	2,42	7,99	2,44	7,85	2,46
	-5,0	9,52	2,48	9,38	2,50	9,24	2,53	9,17	2,54	9,11	2,55	8,97	2,58
	0,0	10,63	2,60	10,50	2,62	10,36	2,65	10,29	2,66	10,22	2,67	10,09	2,70
	6,0	11,97	2,74	11,84	2,76	11,70	2,79	11,63	2,80	11,56	2,82	11,43	2,84
	10,0	12,87	2,83	12,73	2,86	12,59	2,89	12,53	2,90	12,46	2,91	12,32	2,94
	15,0	13,98	2,95	13,85	2,98	13,71	3,00	13,64	3,02	13,57	3,03	13,44	3,06

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104187

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+2.5+4.2	-15,0	7,76	2,45	7,63	2,47	7,49	2,50	7,42	2,51	7,35	2,53	7,22	2,55
	-10,0	8,88	2,57	8,74	2,59	8,61	2,62	8,54	2,63	8,47	2,65	8,33	2,67
	-5,0	10,00	2,69	9,86	2,71	9,72	2,74	9,65	2,75	9,59	2,76	9,45	2,79
	0,0	11,11	2,81	10,98	2,83	10,84	2,86	10,77	2,87	10,70	2,88	10,57	2,91
	6,0	12,45	2,95	12,32	2,97	12,18	3,00	12,11	3,01	12,04	3,03	11,91	3,05
	10,0	13,35	3,04	13,21	3,07	13,07	3,10	13,01	3,11	12,94	3,12	12,80	3,15
	15,0	14,46	3,16	14,33	3,19	14,19	3,21	14,12	3,23	14,05	3,24	13,92	3,27
2.5+2.5+5.0	-15,0	8,14	2,59	7,99	2,62	7,85	2,65	7,78	2,66	7,71	2,68	7,56	2,70
	-10,0	9,32	2,72	9,18	2,75	9,03	2,78	8,96	2,79	8,89	2,80	8,74	2,83
	-5,0	10,51	2,85	10,36	2,87	10,22	2,90	10,14	2,92	10,07	2,93	9,93	2,96
	0,0	11,69	2,97	11,54	3,00	11,40	3,03	11,33	3,04	11,26	3,06	11,11	3,08
	6,0	13,11	3,12	12,96	3,15	12,82	3,18	12,75	3,19	12,68	3,21	12,53	3,24
	10,0	14,06	3,23	13,91	3,25	13,77	3,28	13,69	3,29	13,62	3,31	13,48	3,34
	15,0	15,24	3,35	15,09	3,38	14,95	3,41	14,88	3,42	14,81	3,44	14,66	3,46
2.5+2.5+6.0	-15,0	7,95	2,35	7,80	2,38	7,66	2,41	7,59	2,42	7,52	2,44	7,37	2,46
	-10,0	9,13	2,48	8,99	2,51	8,84	2,54	8,77	2,55	8,70	2,56	8,55	2,59
	-5,0	10,32	2,61	10,17	2,63	10,03	2,66	9,95	2,68	9,88	2,69	9,74	2,72
	0,0	11,50	2,73	11,35	2,76	11,21	2,79	11,14	2,80	11,07	2,82	10,92	2,84
	6,0	12,92	2,88	12,77	2,91	12,63	2,94	12,56	2,95	12,49	2,97	12,34	3,00
	10,0	13,87	2,99	13,72	3,01	13,58	3,04	13,50	3,05	13,43	3,07	13,29	3,10
	15,0	15,05	3,11	14,90	3,14	14,76	3,17	14,69	3,18	14,62	3,20	14,47	3,22
2.5+2.5+7.1	-15,0	7,99	2,34	7,84	2,37	7,70	2,40	7,63	2,41	7,56	2,43	7,41	2,45
	-10,0	9,17	2,47	9,03	2,50	8,88	2,53	8,81	2,54	8,74	2,55	8,59	2,58
	-5,0	10,36	2,60	10,21	2,62	10,07	2,65	9,99	2,67	9,92	2,68	9,78	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,18	2,79	11,11	2,81	10,96	2,83
	6,0	12,96	2,87	12,81	2,90	12,67	2,93	12,60	2,94	12,53	2,96	12,38	2,99
	10,0	13,91	2,98	13,76	3,00	13,62	3,03	13,54	3,04	13,47	3,06	13,33	3,09
	15,0	15,09	3,10	14,94	3,13	14,80	3,16	14,73	3,17	14,66	3,19	14,51	3,21
2.5+3.5+3.5	-15,0	8,04	2,62	7,90	2,65	7,76	2,68	7,69	2,69	7,61	2,71	7,47	2,74
	-10,0	9,21	2,75	9,07	2,78	8,93	2,81	8,86	2,82	8,78	2,84	8,64	2,87
	-5,0	10,38	2,88	10,24	2,91	10,10	2,94	10,02	2,95	9,95	2,97	9,81	2,99
	0,0	11,55	3,01	11,41	3,04	11,27	3,07	11,19	3,08	11,12	3,09	10,98	3,12
	6,0	12,96	3,16	12,81	3,19	12,67	3,22	12,60	3,23	12,53	3,25	12,38	3,28
	10,0	13,89	3,27	13,75	3,29	13,61	3,32	13,53	3,34	13,46	3,35	13,32	3,38
	15,0	15,06	3,40	14,92	3,42	14,78	3,45	14,70	3,47	14,63	3,48	14,49	3,51
2.5+3.5+4.2	-15,0	8,05	2,62	7,91	2,65	7,77	2,68	7,70	2,69	7,62	2,71	7,48	2,74
	-10,0	9,22	2,75	9,08	2,78	8,94	2,81	8,87	2,82	8,79	2,84	8,65	2,87
	-5,0	10,39	2,88	10,25	2,91	10,11	2,94	10,03	2,95	9,96	2,97	9,82	2,99
	0,0	11,56	3,01	11,42	3,04	11,28	3,07	11,20	3,08	11,13	3,09	10,99	3,12
	6,0	12,97	3,16	12,82	3,19	12,68	3,22	12,61	3,23	12,54	3,25	12,39	3,28
	10,0	13,90	3,27	13,76	3,29	13,62	3,32	13,54	3,34	13,47	3,35	13,33	3,38
	15,0	15,07	3,40	14,93	3,42	14,79	3,45	14,71	3,47	14,64	3,48	14,50	3,51

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+3.5+5.0	-15,0	8,02	2,56	7,87	2,59	7,72	2,62	7,65	2,63	7,57	2,65	7,48	2,68
	-10,0	9,25	2,70	9,10	2,73	8,95	2,76	8,88	2,77	8,80	2,78	8,65	2,81
	-5,0	10,48	2,83	10,33	2,86	10,18	2,89	10,11	2,91	10,03	2,92	9,88	2,95
	0,0	11,71	2,97	11,56	3,00	11,41	3,03	11,34	3,04	11,26	3,06	11,11	3,09
	6,0	13,19	3,13	13,04	3,16	12,89	3,19	12,81	3,20	12,74	3,22	12,59	3,25
	10,0	14,18	3,24	14,03	3,27	13,87	3,30	13,80	3,31	13,72	3,33	13,57	3,36
	15,0	15,41	3,38	15,26	3,40	15,11	3,43	15,03	3,45	14,95	3,46	14,80	3,49
2.5+3.5+6.0	-15,0	7,83	2,32	7,68	2,35	7,53	2,38	7,46	2,39	7,38	2,41	7,29	2,44
	-10,0	9,06	2,46	8,91	2,49	8,76	2,52	8,69	2,53	8,61	2,54	8,46	2,57
	-5,0	10,29	2,59	10,14	2,62	9,99	2,65	9,92	2,67	9,84	2,68	9,69	2,71
	0,0	11,52	2,73	11,37	2,76	11,22	2,79	11,15	2,80	11,07	2,82	10,92	2,85
	6,0	13,00	2,89	12,85	2,92	12,70	2,95	12,62	2,96	12,55	2,98	12,40	3,01
	10,0	13,99	3,00	13,84	3,03	13,68	3,06	13,61	3,07	13,53	3,09	13,38	3,12
	15,0	15,22	3,14	15,07	3,16	14,92	3,19	14,84	3,21	14,76	3,22	14,61	3,25
2.5+3.5+7.1	-15,0	7,86	2,31	7,71	2,34	7,56	2,37	7,49	2,38	7,41	2,40	7,32	2,43
	-10,0	9,09	2,45	8,94	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	-5,0	10,32	2,58	10,17	2,61	10,02	2,64	9,95	2,66	9,87	2,67	9,72	2,70
	0,0	11,55	2,72	11,40	2,75	11,25	2,78	11,18	2,79	11,10	2,81	10,95	2,84
	6,0	13,03	2,88	12,88	2,91	12,73	2,94	12,65	2,95	12,58	2,97	12,43	3,00
	10,0	14,02	2,99	13,87	3,02	13,71	3,05	13,64	3,06	13,56	3,08	13,41	3,11
	15,0	15,25	3,13	15,10	3,15	14,95	3,18	14,87	3,20	14,79	3,21	14,64	3,24
2.5+4.2+4.2	-15,0	8,05	2,62	7,91	2,65	7,77	2,68	7,70	2,69	7,62	2,71	7,48	2,74
	-10,0	9,22	2,75	9,08	2,78	8,94	2,81	8,87	2,82	8,79	2,84	8,65	2,87
	-5,0	10,39	2,88	10,25	2,91	10,11	2,94	10,03	2,95	9,96	2,97	9,82	2,99
	0,0	11,56	3,01	11,42	3,04	11,28	3,07	11,20	3,08	11,13	3,09	10,99	3,12
	6,0	12,97	3,16	12,82	3,19	12,68	3,22	12,61	3,23	12,54	3,25	12,39	3,28
	10,0	13,90	3,27	13,76	3,29	13,62	3,32	13,54	3,34	13,47	3,35	13,33	3,38
	15,0	15,07	3,40	14,93	3,42	14,79	3,45	14,71	3,47	14,64	3,48	14,50	3,51
2.5+4.2+5.0	-15,0	8,03	2,56	7,88	2,59	7,73	2,62	7,66	2,63	7,58	2,65	7,49	2,68
	-10,0	9,26	2,70	9,11	2,73	8,96	2,76	8,89	2,77	8,81	2,78	8,66	2,81
	-5,0	10,49	2,83	10,34	2,86	10,19	2,89	10,12	2,91	10,04	2,92	9,89	2,95
	0,0	11,72	2,97	11,57	3,00	11,42	3,03	11,35	3,04	11,27	3,06	11,12	3,09
	6,0	13,20	3,13	13,05	3,16	12,90	3,19	12,82	3,20	12,75	3,22	12,60	3,25
	10,0	14,19	3,24	14,04	3,27	13,88	3,30	13,81	3,31	13,73	3,33	13,58	3,36
	15,0	15,42	3,38	15,27	3,40	15,12	3,43	15,04	3,45	14,96	3,46	14,81	3,49
2.5+4.2+6.0	-15,0	7,84	2,32	7,69	2,35	7,54	2,38	7,47	2,39	7,39	2,41	7,30	2,44
	-10,0	9,07	2,46	8,92	2,49	8,77	2,52	8,70	2,53	8,62	2,54	8,47	2,57
	-5,0	10,30	2,59	10,15	2,62	10,00	2,65	9,93	2,67	9,85	2,68	9,70	2,71
	0,0	11,53	2,73	11,38	2,76	11,23	2,79	11,16	2,80	11,08	2,82	10,93	2,85
	6,0	13,01	2,89	12,86	2,92	12,71	2,95	12,63	2,96	12,56	2,98	12,41	3,01
	10,0	14,00	3,00	13,85	3,03	13,69	3,06	13,62	3,07	13,54	3,09	13,39	3,12
	15,0	15,23	3,14	15,08	3,16	14,93	3,19	14,85	3,21	14,77	3,22	14,62	3,25

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104188

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+4.2+7.1	-15,0	7,87	2,30	7,72	2,33	7,57	2,36	7,50	2,37	7,42	2,39	7,33	2,42
	-10,0	9,10	2,44	8,95	2,47	8,80	2,50	8,73	2,51	8,65	2,52	8,50	2,55
	-5,0	10,33	2,57	10,18	2,60	10,03	2,63	9,96	2,65	9,88	2,66	9,73	2,69
	0,0	11,56	2,71	11,41	2,74	11,26	2,77	11,19	2,78	11,11	2,80	10,96	2,83
	6,0	13,04	2,87	12,89	2,90	12,74	2,93	12,66	2,94	12,59	2,96	12,44	2,99
	10,0	14,03	2,98	13,88	3,01	13,72	3,04	13,65	3,05	13,57	3,07	13,42	3,10
	15,0	15,26	3,12	15,11	3,14	14,96	3,17	14,88	3,19	14,80	3,20	14,65	3,23
2.5+5.0+5.0	-15,0	7,82	2,38	7,68	2,41	7,53	2,44	7,46	2,45	7,38	2,47	7,24	2,49
	-10,0	9,02	2,51	8,88	2,54	8,73	2,56	8,66	2,58	8,58	2,59	8,44	2,62
	-5,0	10,22	2,64	10,08	2,66	9,93	2,69	9,86	2,70	9,78	2,72	9,64	2,75
	0,0	11,42	2,76	11,28	2,79	11,13	2,82	11,06	2,83	10,98	2,85	10,84	2,87
	6,0	12,86	2,91	12,72	2,94	12,57	2,97	12,50	2,98	12,42	3,00	12,28	3,03
	10,0	13,82	3,02	13,68	3,04	13,53	3,07	13,46	3,09	13,38	3,10	13,24	3,13
	15,0	15,02	3,14	14,88	3,17	14,73	3,20	14,66	3,21	14,58	3,23	14,44	3,25
2.5+5.0+6.0	-15,0	8,05	2,30	7,91	2,33	7,76	2,36	7,69	2,37	7,61	2,39	7,47	2,41
	-10,0	9,25	2,43	9,11	2,46	8,96	2,48	8,89	2,50	8,81	2,51	8,67	2,54
	-5,0	10,45	2,56	10,31	2,58	10,16	2,61	10,09	2,62	10,01	2,64	9,87	2,67
	0,0	11,65	2,68	11,51	2,71	11,36	2,74	11,29	2,75	11,21	2,77	11,07	2,79
	6,0	13,09	2,83	12,95	2,86	12,80	2,89	12,73	2,90	12,65	2,92	12,51	2,95
	10,0	14,05	2,94	13,91	2,96	13,76	2,99	13,69	3,01	13,61	3,02	13,47	3,05
	15,0	15,25	3,06	15,11	3,09	14,96	3,12	14,89	3,13	14,81	3,15	14,67	3,17
2.5+5.0+7.1	-15,0	8,09	2,28	7,95	2,31	7,80	2,34	7,73	2,35	7,65	2,37	7,51	2,39
	-10,0	9,29	2,41	9,15	2,44	9,00	2,46	8,93	2,48	8,85	2,49	8,71	2,52
	-5,0	10,49	2,54	10,35	2,56	10,20	2,59	10,13	2,60	10,05	2,62	9,91	2,65
	0,0	11,69	2,66	11,55	2,69	11,40	2,72	11,33	2,73	11,25	2,75	11,11	2,77
	6,0	13,13	2,81	12,99	2,84	12,84	2,87	12,77	2,88	12,69	2,90	12,55	2,93
	10,0	14,09	2,92	13,95	2,94	13,80	2,97	13,73	2,99	13,65	3,00	13,51	3,03
	15,0	15,29	3,04	15,15	3,07	15,00	3,10	14,93	3,11	14,85	3,13	14,71	3,15
2.5+6.0+6.0	-15,0	8,29	2,22	8,15	2,25	8,00	2,28	7,93	2,29	7,85	2,31	7,71	2,33
	-10,0	9,49	2,35	9,35	2,38	9,20	2,40	9,13	2,42	9,05	2,43	8,91	2,46
	-5,0	10,69	2,48	10,55	2,50	10,40	2,53	10,33	2,54	10,25	2,56	10,11	2,59
	0,0	11,89	2,60	11,75	2,63	11,60	2,66	11,53	2,67	11,45	2,69	11,31	2,71
	6,0	13,33	2,75	13,19	2,78	13,04	2,81	12,97	2,82	12,89	2,84	12,75	2,87
	10,0	14,29	2,86	14,15	2,88	14,00	2,91	13,93	2,93	13,85	2,94	13,71	2,97
	15,0	15,49	2,98	15,35	3,01	15,20	3,04	15,13	3,05	15,05	3,07	14,91	3,09
2.5+6.0+7.1	-15,0	8,32	2,21	8,18	2,24	8,03	2,27	7,96	2,28	7,88	2,30	7,74	2,32
	-10,0	9,52	2,34	9,38	2,37	9,23	2,39	9,16	2,41	9,08	2,42	8,94	2,45
	-5,0	10,72	2,47	10,58	2,49	10,43	2,52	10,36	2,53	10,28	2,55	10,14	2,58
	0,0	11,92	2,59	11,78	2,62	11,63	2,65	11,56	2,66	11,48	2,68	11,34	2,70
	6,0	13,36	2,74	13,22	2,77	13,07	2,80	13,00	2,81	12,92	2,83	12,78	2,86
	10,0	14,32	2,85	14,18	2,87	14,03	2,90	13,96	2,92	13,88	2,93	13,74	2,96
	15,0	15,52	2,97	15,38	3,00	15,23	3,03	15,16	3,04	15,08	3,06	14,94	3,08

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+3.5+3.5	-15,0	7,91	2,59	7,77	2,62	7,62	2,65	7,54	2,67	7,47	2,68	7,32	2,71
	-10,0	9,13	2,73	8,98	2,76	8,83	2,79	8,76	2,80	8,68	2,82	8,53	2,85
	-5,0	10,34	2,87	10,20	2,90	10,05	2,93	9,97	2,94	9,90	2,96	9,75	2,99
	0,0	11,56	3,00	11,41	3,03	11,26	3,06	11,19	3,08	11,11	3,09	10,96	3,12
	6,0	13,02	3,17	12,87	3,20	12,72	3,23	12,65	3,25	12,57	3,26	12,42	3,29
	10,0	13,99	3,28	13,84	3,31	13,69	3,34	13,62	3,36	13,54	3,37	13,39	3,40
	15,0	15,20	3,42	15,06	3,45	14,91	3,48	14,83	3,49	14,76	3,51	14,61	3,54
3.5+3.5+4.2	-15,0	7,92	2,59	7,78	2,62	7,63	2,65	7,55	2,67	7,48	2,68	7,33	2,71
	-10,0	9,14	2,73	8,99	2,76	8,84	2,79	8,77	2,80	8,69	2,82	8,54	2,85
	-5,0	10,35	2,87	10,21	2,90	10,06	2,93	9,98	2,94	9,91	2,96	9,76	2,99
	0,0	11,57	3,00	11,42	3,03	11,27	3,06	11,20	3,08	11,12	3,09	10,97	3,12
	6,0	13,03	3,17	12,88	3,20	12,73	3,23	12,66	3,25	12,58	3,26	12,43	3,29
	10,0	14,00	3,28	13,85	3,31	13,70	3,34	13,63	3,36	13,55	3,37	13,40	3,40
	15,0	15,21	3,42	15,07	3,45	14,92	3,48	14,84	3,49	14,77	3,51	14,62	3,54
3.5+3.5+5.0	-15,0	8,03	2,56	7,88	2,59	7,73	2,62	7,65	2,63	7,58	2,65	7,42	2,68
	-10,0	9,26	2,70	9,11	2,73	8,96	2,76	8,88	2,77	8,81	2,78	8,66	2,81
	-5,0	10,49	2,83	10,34	2,86	10,19	2,89	10,11	2,91	10,04	2,92	9,89	2,95
	0,0	11,72	2,97	11,57	3,00	11,42	3,03	11,35	3,04	11,27	3,06	11,12	3,09
	6,0	13,20	3,13	13,05	3,16	12,90	3,19	12,82	3,20	12,75	3,22	12,60	3,25
	10,0	14,19	3,24	14,04	3,27	13,89	3,30	13,81	3,31	13,73	3,33	13,58	3,36
	15,0	15,42	3,38	15,27	3,40	15,12	3,43	15,04	3,45	14,97	3,46	14,82	3,49
3.5+3.5+6.0	-15,0	7,84	2,32	7,69	2,35	7,54	2,38	7,46	2,39	7,39	2,41	7,23	2,44
	-10,0	9,07	2,46	8,92	2,49	8,77	2,52	8,69	2,53	8,62	2,54	8,47	2,57
	-5,0	10,30	2,59	10,15	2,62	10,00	2,65	9,92	2,67	9,85	2,68	9,70	2,71
	0,0	11,53	2,73	11,38	2,76	11,23	2,79	11,16	2,80	11,08	2,82	10,93	2,85
	6,0	13,01	2,89	12,86	2,92	12,71	2,95	12,63	2,96	12,56	2,98	12,41	3,01
	10,0	14,00	3,00	13,85	3,03	13,70	3,06	13,62	3,07	13,54	3,09	13,39	3,12
	15,0	15,23	3,14	15,08	3,16	14,93	3,19	14,85	3,21	14,78	3,22	14,63	3,25
3.5+3.5+7.1	-15,0	7,87	2,30	7,72	2,33	7,57	2,36	7,49	2,37	7,42	2,39	7,26	2,42
	-10,0	9,10	2,44	8,95	2,47	8,80	2,50	8,65	2,52	8,65	2,52	8,50	2,55
	-5,0	10,33	2,57	10,18	2,60	10,03	2,63	9,95	2,65	9,88	2,66	9,73	2,69
	0,0	11,56	2,71	11,41	2,74	11,26	2,77	11,19	2,78	11,11	2,80	10,96	2,83
	6,0	13,04	2,87	12,89	2,90	12,74	2,93	12,66	2,94	12,59	2,96	12,44	2,99
	10,0	14,03	2,98	13,88	3,01	13,73	3,04	13,65	3,05	13,57	3,07	13,42	3,10
	15,0	15,26	3,12	15,11	3,14	14,96	3,17	14,88	3,19	14,81	3,20	14,66	3,23
3.5+4.2+4.2	-15,0	7,93	2,58	7,79	2,61	7,64	2,64	7,56	2,66	7,49	2,67	7,34	2,70
	-10,0	9,15	2,72	9,00	2,75	8,85	2,78	8,78	2,79	8,70	2,81	8,55	2,84
	-5,0	10,36	2,86	10,22	2,89	10,07	2,92	9,99	2,93	9,92	2,95	9,77	2,98
	0,0	11,58	2,99	11,43	3,02	11,28	3,05	11,21	3,07	11,13	3,08	10,98	3,11
	6,0	13,04	3,16	12,89	3,19	12,74	3,22	12,67	3,24	12,59	3,25	12,44	3,28
	10,0	14,01	3,27	13,86	3,30	13,71	3,33	13,64	3,35	13,56	3,36	13,41	3,39
	15,0	15,22	3,41	15,08	3,44	14,93	3,47	14,85	3,48	14,78	3,50	14,63	3,53

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104189

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+4.2+5.0	-15,0	7,61	2,39	7,46	2,42	7,31	2,45	7,23	2,46	7,16	2,48	7,00	2,51
	-10,0	8,84	2,53	8,69	2,56	8,54	2,59	8,46	2,60	8,39	2,61	8,24	2,64
	-5,0	10,07	2,66	9,92	2,69	9,77	2,72	9,69	2,74	9,62	2,75	9,47	2,78
	0,0	11,30	2,80	11,15	2,83	11,00	2,86	10,93	2,87	10,85	2,89	10,70	2,92
	6,0	12,78	2,96	12,63	2,99	12,48	3,02	12,40	3,03	12,33	3,05	12,18	3,08
	10,0	13,77	3,07	13,62	3,10	13,47	3,13	13,39	3,14	13,31	3,16	13,16	3,19
	15,0	15,00	3,21	14,85	3,23	14,70	3,26	14,62	3,28	14,55	3,29	14,40	3,32
3.5+4.2+6.0	-15,0	7,85	2,31	7,70	2,34	7,55	2,37	7,47	2,38	7,40	2,40	7,24	2,43
	-10,0	9,08	2,45	8,93	2,48	8,78	2,51	8,70	2,52	8,63	2,53	8,48	2,56
	-5,0	10,31	2,58	10,16	2,61	10,01	2,64	9,93	2,66	9,86	2,67	9,71	2,70
	0,0	11,54	2,72	11,39	2,75	11,24	2,78	11,17	2,79	11,09	2,81	10,94	2,84
	6,0	13,02	2,88	12,87	2,91	12,72	2,94	12,64	2,95	12,57	2,97	12,42	3,00
	10,0	14,01	2,99	13,86	3,02	13,71	3,05	13,63	3,06	13,55	3,08	13,40	3,11
	15,0	15,24	3,13	15,09	3,15	14,94	3,18	14,86	3,20	14,79	3,21	14,64	3,24
3.5+4.2+7.1	-15,0	7,88	2,30	7,73	2,33	7,58	2,36	7,50	2,37	7,43	2,39	7,27	2,42
	-10,0	9,11	2,44	8,96	2,47	8,81	2,50	8,73	2,51	8,66	2,52	8,51	2,55
	-5,0	10,34	2,57	10,19	2,60	10,04	2,63	9,96	2,65	9,89	2,66	9,74	2,69
	0,0	11,57	2,71	11,42	2,74	11,27	2,77	11,20	2,78	11,12	2,80	10,97	2,83
	6,0	13,05	2,87	12,90	2,90	12,75	2,93	12,67	2,94	12,60	2,96	12,45	2,99
	10,0	14,04	2,98	13,89	3,01	13,74	3,04	13,66	3,05	13,58	3,07	13,43	3,10
	15,0	15,27	3,12	15,12	3,14	14,97	3,17	14,89	3,19	14,82	3,20	14,67	3,23
3.5+5.0+5.0	-15,0	7,84	2,37	7,69	2,40	7,54	2,43	7,47	2,44	7,40	2,46	7,25	2,48
	-10,0	9,04	2,50	8,89	2,53	8,75	2,56	8,67	2,57	8,60	2,58	8,45	2,61
	-5,0	10,24	2,63	10,09	2,65	9,95	2,68	9,87	2,70	9,80	2,71	9,65	2,74
	0,0	11,44	2,75	11,30	2,78	11,15	2,81	11,07	2,82	11,00	2,84	10,85	2,86
	6,0	12,88	2,90	12,74	2,93	12,59	2,96	12,52	2,97	12,44	2,99	12,30	3,02
	10,0	13,84	3,01	13,70	3,03	13,55	3,05	13,48	3,07	13,40	3,09	13,26	3,12
	15,0	15,05	3,13	14,90	3,16	14,75	3,19	14,68	3,20	14,61	3,22	14,46	3,24
3.5+5.0+6.0	-15,0	8,06	2,29	7,91	2,32	7,76	2,35	7,69	2,36	7,62	2,38	7,47	2,40
	-10,0	9,26	2,42	9,11	2,45	8,97	2,48	8,89	2,49	8,82	2,50	8,67	2,53
	-5,0	10,46	2,55	10,31	2,57	10,17	2,60	10,09	2,62	10,02	2,63	9,87	2,66
	0,0	11,66	2,67	11,52	2,70	11,37	2,73	11,29	2,74	11,22	2,76	11,07	2,78
	6,0	13,10	2,82	12,96	2,85	12,81	2,88	12,74	2,89	12,66	2,91	12,52	2,94
	10,0	14,06	2,93	13,92	2,95	13,77	2,97	13,70	2,99	13,62	3,01	13,48	3,04
	15,0	15,27	3,05	15,12	3,08	14,97	3,11	14,90	3,12	14,83	3,14	14,68	3,16
3.5+5.0+7.1	-15,0	8,11	2,28	7,96	2,31	7,81	2,34	7,74	2,35	7,67	2,37	7,52	2,39
	-10,0	9,31	2,41	9,16	2,44	9,02	2,47	8,94	2,48	8,87	2,49	8,72	2,52
	-5,0	10,51	2,54	10,36	2,56	10,22	2,59	10,14	2,61	10,07	2,62	9,92	2,65
	0,0	11,71	2,66	11,57	2,69	11,42	2,72	11,34	2,73	11,27	2,75	11,12	2,77
	6,0	13,15	2,81	13,01	2,84	12,86	2,87	12,79	2,88	12,71	2,90	12,57	2,93
	10,0	14,11	2,92	13,97	2,94	13,82	2,96	13,75	2,98	13,67	3,00	13,53	3,03
	15,0	15,32	3,04	15,17	3,07	15,02	3,10	14,95	3,11	14,88	3,13	14,73	3,15

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+6.0+6.0	-15,0	8,30	2,22	8,15	2,25	8,00	2,28	7,93	2,29	7,86	2,31	7,71	2,33
	-10,0	9,50	2,35	9,35	2,38	9,21	2,41	9,13	2,42	9,06	2,43	8,91	2,46
	-5,0	10,70	2,48	10,55	2,50	10,41	2,53	10,33	2,55	10,26	2,56	10,11	2,59
	0,0	11,90	2,60	11,76	2,63	11,61	2,66	11,53	2,67	11,46	2,69	11,31	2,71
	6,0	13,34	2,75	13,20	2,78	13,05	2,81	12,98	2,82	12,90	2,84	12,76	2,87
	10,0	14,30	2,86	14,16	2,88	14,01	2,90	13,94	2,92	13,86	2,94	13,72	2,97
	15,0	15,51	2,98	15,36	3,01	15,21	3,04	15,14	3,05	15,07	3,07	14,92	3,09
4.2+4.2+4.2	-15,0	7,94	2,58	7,80	2,61	7,65	2,64	7,57	2,66	7,50	2,67	7,35	2,70
	-10,0	9,16	2,72	9,01	2,75	8,86	2,78	8,79	2,79	8,71	2,81	8,56	2,84
	-5,0	10,37	2,86	10,23	2,89	10,08	2,92	10,00	2,93	9,93	2,95	9,78	2,98
	0,0	11,59	2,99	11,44	3,02	11,29	3,05	11,22	3,07	11,14	3,08	10,99	3,11
	6,0	13,05	3,16	12,90	3,19	12,75	3,22	12,68	3,24	12,60	3,25	12,45	3,28
	10,0	14,02	3,27	13,87	3,30	13,72	3,33	13,65	3,35	13,57	3,36	13,42	3,39
	15,0	15,23	3,41	15,09	3,44	14,94	3,47	14,86	3,48	14,79	3,50	14,64	3,53
4.2+4.2+5.0	-15,0	7,62	2,39	7,47	2,42	7,32	2,45	7,24	2,46	7,17	2,48	7,01	2,51
	-10,0	8,85	2,53	8,70	2,56	8,55	2,59	8,47	2,60	8,40	2,61	8,25	2,64
	-5,0	10,08	2,66	9,93	2,69	9,78	2,72	9,70	2,74	9,63	2,75	9,48	2,78
	0,0	11,31	2,80	11,16	2,83	11,01	2,86	10,94	2,87	10,86	2,89	10,71	2,92
	6,0	12,79	2,96	12,64	2,99	12,49	3,02	12,41	3,03	12,34	3,05	12,19	3,08
	10,0	13,78	3,07	13,63	3,10	13,48	3,13	13,40	3,14	13,32	3,16	13,17	3,19
	15,0	15,01	3,21	14,86	3,23	14,71	3,26	14,63	3,28	14,56	3,29	14,41	3,32
4.2+4.2+6.0	-15,0	7,86	2,31	7,71	2,34	7,56	2,37	7,48	2,38	7,41	2,40	7,25	2,43
	-10,0	9,09	2,45	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,49	2,56
	-5,0	10,32	2,58	10,17	2,61	10,02	2,64	9,94	2,66	9,87	2,67	9,72	2,70
	0,0	11,55	2,72	11,40	2,75	11,25	2,78	11,18	2,79	11,10	2,81	10,95	2,84
	6,0	13,03	2,88	12,88	2,91	12,73	2,94	12,65	2,95	12,58	2,97	12,43	3,00
	10,0	14,02	2,99	13,87	3,02	13,72	3,05	13,64	3,06	13,56	3,08	13,41	3,11
	15,0	15,25	3,13	15,10	3,15	14,95	3,18	14,87	3,20	14,80	3,21	14,65	3,24
4.2+4.2+7.1	-15,0	7,89	2,30	7,74	2,33	7,59	2,36	7,51	2,37	7,44	2,39	7,28	2,42
	-10,0	9,12	2,44	8,97	2,47	8,82	2,50	8,74	2,51	8,67	2,52	8,52	2,55
	-5,0	10,35	2,57	10,20	2,60	10,05	2,63	9,97	2,65	9,90	2,66	9,75	2,69
	0,0	11,58	2,71	11,43	2,74	11,28	2,77	11,21	2,78	11,13	2,80	10,98	2,83
	6,0	13,06	2,87	12,91	2,90	12,76	2,93	12,68	2,94	12,61	2,96	12,46	2,99
	10,0	14,05	2,98	13,90	3,01	13,75	3,04	13,67	3,05	13,59	3,07	13,44	3,10
	15,0	15,28	3,12	15,13	3,14	14,98	3,17	14,90	3,19	14,83	3,20	14,68	3,23
4.2+5.0+5.0	-15,0	7,84	2,37	7,69	2,40	7,54	2,43	7,47	2,44	7,40	2,46	7,25	2,48
	-10,0	9,04	2,50	8,89	2,53	8,75	2,56	8,67	2,57	8,60	2,58	8,45	2,61
	-5,0	10,24	2,63	10,09	2,65	9,95	2,68	9,87	2,70	9,80	2,71	9,65	2,74
	0,0	11,44	2,75	11,30	2,78	11,15	2,81	11,07	2,82	11,00	2,84	10,85	2,86
	6,0	12,88	2,90	12,74	2,93	12,59	2,96	12,52	2,97	12,44	2,99	12,30	3,02
	10,0	13,84	3,01	13,70	3,03	13,55	3,05	13,48	3,07	13,40	3,09	13,26	3,12
	15,0	15,05	3,13	14,90	3,16	14,75	3,19	14,68	3,20	14,61	3,22	14,46	3,24

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104190

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
4.2+5.0+6.0	-15,0	8,07	2,29	7,92	2,32	7,77	2,35	7,70	2,36	7,63	2,38	7,48	2,40
	-10,0	9,27	2,42	9,12	2,45	8,98	2,48	8,90	2,49	8,83	2,50	8,68	2,53
	-5,0	10,47	2,55	10,32	2,57	10,18	2,60	10,10	2,62	10,03	2,63	9,88	2,66
	0,0	11,67	2,67	11,53	2,70	11,38	2,73	11,30	2,74	11,23	2,76	11,08	2,78
	6,0	13,11	2,82	12,97	2,85	12,82	2,88	12,75	2,89	12,67	2,91	12,53	2,94
	10,0	14,07	2,93	13,93	2,95	13,78	2,97	13,71	2,99	13,63	3,01	13,49	3,04
	15,0	15,28	3,05	15,13	3,08	14,98	3,11	14,91	3,12	14,84	3,14	14,69	3,16
5.0+5.0+5.0	-15,0	7,92	2,34	7,77	2,37	7,62	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-10,0	9,14	2,47	8,99	2,49	8,84	2,52	8,76	2,54	8,69	2,55	8,54	2,58
	-5,0	10,35	2,57	10,20	2,62	10,05	2,65	9,98	2,66	9,91	2,67	9,76	2,70
	0,0	11,57	2,73	11,42	2,74	11,27	2,77	11,20	2,78	11,12	2,80	10,97	2,83
	6,0	13,03	2,87	12,88	2,89	12,73	2,92	12,66	2,93	12,58	2,95	12,43	2,97
	10,0	14,00	2,97	13,85	2,99	13,70	3,02	13,63	3,03	13,55	3,05	13,41	3,07
	15,0	15,22	3,09	15,07	3,12	14,92	3,14	14,84	3,16	14,77	3,17	14,62	3,20
1.5+1.5+1.5+1.5	-15,0	6,07	1,65	5,93	1,68	5,79	1,70	5,72	1,72	5,65	1,73	5,51	1,75
	-10,0	7,22	1,77	7,08	1,79	6,94	1,82	6,87	1,83	6,80	1,84	6,66	1,87
	-5,0	8,37	1,88	8,23	1,91	8,09	1,93	8,02	1,94	7,95	1,95	7,81	1,98
	0,0	9,52	1,99	9,38	2,02	9,24	2,04	9,17	2,06	9,10	2,07	8,96	2,09
	6,0	10,90	2,13	10,76	2,16	10,62	2,18	10,55	2,19	10,48	2,20	10,34	2,23
	10,0	11,82	2,22	11,68	2,25	11,54	2,27	11,47	2,28	11,40	2,30	11,26	2,32
	15,0	12,97	2,33	12,83	2,36	12,69	2,38	12,62	2,40	12,55	2,41	12,41	2,43
1.5+1.5+1.5+2.0	-15,0	6,70	1,83	6,56	1,86	6,42	1,88	6,35	1,90	6,28	1,91	6,14	1,93
	-10,0	7,85	1,95	7,71	1,97	7,57	2,00	7,50	2,01	7,43	2,02	7,29	2,05
	-5,0	9,00	2,06	8,86	2,09	8,72	2,11	8,65	2,12	8,58	2,13	8,44	2,16
	0,0	10,15	2,17	10,01	2,20	9,87	2,22	9,80	2,24	9,73	2,25	9,59	2,27
	6,0	11,53	2,31	11,39	2,34	11,25	2,36	11,18	2,37	11,11	2,38	10,97	2,41
	10,0	12,45	2,40	12,31	2,43	12,17	2,45	12,10	2,46	12,03	2,48	11,89	2,50
	15,0	13,60	2,51	13,46	2,54	13,32	2,56	13,25	2,58	13,18	2,59	13,04	2,61
1.5+1.5+1.5+2.5	-15,0	6,70	1,83	6,56	1,86	6,42	1,88	6,35	1,90	6,28	1,91	6,14	1,93
	-10,0	7,85	1,95	7,71	1,97	7,57	2,00	7,50	2,01	7,43	2,02	7,29	2,05
	-5,0	9,00	2,06	8,86	2,09	8,72	2,11	8,65	2,12	8,58	2,13	8,44	2,16
	0,0	10,15	2,17	10,01	2,20	9,87	2,22	9,80	2,24	9,73	2,25	9,59	2,27
	6,0	11,53	2,31	11,39	2,34	11,25	2,36	11,18	2,37	11,11	2,38	10,97	2,41
	10,0	12,45	2,40	12,31	2,43	12,17	2,45	12,10	2,46	12,03	2,48	11,89	2,50
	15,0	13,60	2,51	13,46	2,54	13,32	2,56	13,25	2,58	13,18	2,59	13,04	2,61
1.5+1.5+1.5+3.5	-15,0	7,34	2,09	7,19	2,12	7,04	2,14	6,97	2,16	6,89	2,17	6,74	2,20
	-10,0	8,55	2,21	8,40	2,24	8,25	2,27	8,18	2,28	8,10	2,30	7,96	2,32
	-5,0	9,76	2,34	9,61	2,34	9,48	2,39	9,39	2,41	9,32	2,42	9,17	2,45
	0,0	10,97	2,46	10,82	2,49	10,68	2,52	10,60	2,53	10,53	2,55	10,38	2,57
	6,0	12,43	2,62	12,28	2,64	12,13	2,67	12,06	2,68	11,98	2,70	11,83	2,72
	10,0	13,40	2,72	13,25	2,74	13,10	2,77	13,03	2,78	12,95	2,80	12,80	2,82
	15,0	14,61	2,84	14,46	2,87	14,31	2,90	14,24	2,91	14,16	2,92	14,01	2,95

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+4.2	-15,0	7,91	2,35	7,76	2,38	7,61	2,40	7,54	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,47	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,53	2,58
	-5,0	10,33	2,60	10,18	2,60	10,05	2,65	9,96	2,67	9,89	2,68	9,74	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,16	14,81	3,17	14,73	3,18	14,58	3,21
1.5+1.5+1.5+5.0	-15,0	7,99	2,30	7,84	2,33	7,69	2,35	7,61	2,37	7,54	2,38	7,39	2,41
	-10,0	9,22	2,42	9,07	2,45	8,92	2,48	8,84	2,49	8,77	2,50	8,62	2,53
	-5,0	10,44	2,55	10,29	2,57	10,14	2,60	10,07	2,61	9,99	2,63	9,84	2,65
	0,0	11,67	2,67	11,52	2,70	11,37	2,72	11,29	2,74	11,22	2,76	11,07	2,78
	6,0	13,14	2,82	12,99	2,84	12,84	2,87	12,77	2,88	12,69	2,90	12,54	2,92
	10,0	14,12	2,91	13,97	2,94	13,82	2,97	13,75	2,98	13,67	3,00	13,52	3,02
	15,0	15,35	3,04	15,20	3,06	15,05	3,09	14,97	3,11	14,90	3,12	14,75	3,15
1.5+1.5+1.5+6.0	-15,0	8,23	2,23	8,08	2,26	7,93	2,28	7,85	2,30	7,78	2,31	7,63	2,34
	-10,0	9,46	2,35	9,31	2,38	9,16	2,41	9,08	2,42	9,01	2,43	8,86	2,46
	-5,0	10,68	2,48	10,53	2,50	10,38	2,53	10,31	2,54	10,23	2,56	10,08	2,58
	0,0	11,91	2,60	11,76	2,63	11,61	2,65	11,53	2,67	11,46	2,69	11,31	2,71
	6,0	13,38	2,75	13,23	2,77	13,08	2,80	13,01	2,81	12,93	2,83	12,78	2,85
	10,0	14,36	2,84	14,21	2,87	14,06	2,90	13,99	2,91	13,91	2,93	13,76	2,95
	15,0	15,59	2,97	15,44	2,99	15,29	3,02	15,21	3,04	15,14	3,05	14,99	3,08
1.5+1.5+1.5+7.1	-15,0	8,26	2,21	8,11	2,24	7,96	2,26	7,88	2,28	7,81	2,29	7,66	2,32
	-10,0	9,49	2,33	9,34	2,36	9,19	2,39	9,11	2,40	9,04	2,41	8,89	2,44
	-5,0	10,71	2,46	10,56	2,48	10,41	2,51	10,34	2,52	10,26	2,54	10,11	2,56
	0,0	11,94	2,58	11,79	2,61	11,64	2,63	11,56	2,65	11,49	2,67	11,34	2,69
	6,0	13,41	2,73	13,26	2,75	13,11	2,78	13,04	2,79	12,96	2,81	12,81	2,83
	10,0	14,39	2,82	14,24	2,85	14,09	2,88	14,02	2,89	13,94	2,91	13,79	2,93
	15,0	15,62	2,95	15,47	2,97	15,32	3,00	15,24	3,02	15,17	3,03	15,02	3,06
1.5+1.5+2.0+2.0	-15,0	6,70	1,83	6,56	1,86	6,42	1,88	6,35	1,90	6,28	1,91	6,14	1,93
	-10,0	7,85	1,95	7,71	1,97	7,57	2,00	7,50	2,01	7,43	2,02	7,29	2,05
	-5,0	9,00	2,06	8,86	2,09	8,72	2,11	8,65	2,12	8,58	2,13	8,44	2,16
	0,0	10,15	2,17	10,01	2,20	9,87	2,22	9,80	2,24	9,73	2,25	9,59	2,27
	6,0	11,53	2,31	11,39	2,34	11,25	2,36	11,18	2,37	11,11	2,38	10,97	2,41
	10,0	12,45	2,40	12,31	2,43	12,17	2,45	12,10	2,46	12,03	2,48	11,89	2,50
	15,0	13,60	2,51	13,46	2,54	13,32	2,56	13,25	2,58	13,18	2,59	13,04	2,61
1.5+1.5+2.0+2.5	-15,0	7,49	2,13	7,35	2,16	7,21	2,18	7,14	2,20	7,07	2,21	6,93	2,23
	-10,0	8,64	2,25	8,50	2,27	8,36	2,30	8,29	2,31	8,22	2,32	8,08	2,35
	-5,0	9,79	2,36	9,65	2,39	9,51	2,41	9,44	2,42	9,37	2,43	9,23	2,46
	0,0	10,94	2,47	10,80	2,50	10,66	2,52	10,59	2,54	10,52	2,55	10,38	2,57
	6,0	12,32	2,61	12,18	2,64	12,04	2,66	11,97	2,67	11,90	2,68	11,76	2,71
	10,0	13,24	2,70	13,10	2,73	12,96	2,75	12,89	2,76	12,82	2,78	12,68	2,80
	15,0	14,39	2,81	14,25	2,84	14,11	2,86	14,04	2,88	13,97	2,89	13,83	2,91

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104191

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.0+3.5	-15,0	7,34	2,09	7,19	2,12	7,04	2,14	6,97	2,16	6,89	2,17	6,74	2,20
	-10,0	8,55	2,21	8,40	2,24	8,25	2,27	8,18	2,28	8,10	2,30	7,96	2,32
	-5,0	9,76	2,34	9,61	2,34	9,48	2,39	9,39	2,41	9,32	2,42	9,17	2,45
	0,0	10,97	2,46	10,82	2,49	10,68	2,52	10,60	2,53	10,53	2,55	10,38	2,57
	6,0	12,43	2,62	12,28	2,64	12,13	2,67	12,06	2,68	11,98	2,70	11,83	2,72
	10,0	13,40	2,72	13,25	2,74	13,10	2,77	13,03	2,78	12,95	2,80	12,80	2,82
	15,0	14,61	2,84	14,46	2,87	14,31	2,90	14,24	2,91	14,16	2,92	14,01	2,95
1.5+1.5+2.0+4.2	-15,0	7,91	2,35	7,76	2,38	7,61	2,40	7,54	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,47	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,53	2,58
	-5,0	10,33	2,60	10,18	2,60	10,05	2,65	9,96	2,67	9,89	2,68	9,74	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,16	14,81	3,17	14,73	3,18	14,58	3,21
1.5+1.5+2.0+5.0	-15,0	7,99	2,30	7,84	2,33	7,69	2,35	7,61	2,37	7,54	2,38	7,39	2,41
	-10,0	9,22	2,42	9,07	2,45	8,92	2,48	8,84	2,49	8,77	2,50	8,62	2,53
	-5,0	10,44	2,55	10,29	2,57	10,14	2,60	10,07	2,61	9,99	2,63	9,84	2,65
	0,0	11,67	2,67	11,52	2,70	11,37	2,72	11,29	2,74	11,22	2,76	11,07	2,78
	6,0	13,14	2,82	12,99	2,84	12,84	2,87	12,77	2,88	12,69	2,90	12,54	2,92
	10,0	14,12	2,91	13,97	2,94	13,82	2,97	13,75	2,98	13,67	3,00	13,52	3,02
	15,0	15,35	3,04	15,20	3,06	15,05	3,09	14,97	3,11	14,90	3,12	14,75	3,15
1.5+1.5+2.0+6.0	-15,0	8,23	2,23	8,08	2,26	7,93	2,28	7,85	2,30	7,78	2,31	7,63	2,34
	-10,0	9,46	2,35	9,31	2,38	9,16	2,41	9,08	2,42	9,01	2,43	8,86	2,46
	-5,0	10,68	2,48	10,53	2,50	10,38	2,53	10,31	2,54	10,23	2,56	10,08	2,58
	0,0	11,91	2,60	11,76	2,63	11,61	2,65	11,53	2,67	11,46	2,69	11,31	2,71
	6,0	13,38	2,75	13,23	2,77	13,08	2,80	13,01	2,81	12,93	2,83	12,78	2,85
	10,0	14,36	2,84	14,21	2,87	14,06	2,90	13,99	2,91	13,91	2,93	13,76	2,95
	15,0	15,59	2,97	15,44	2,99	15,29	3,02	15,21	3,04	15,14	3,05	14,99	3,08
1.5+1.5+2.0+7.1	-15,0	8,26	2,21	8,11	2,24	7,96	2,26	7,88	2,28	7,81	2,29	7,66	2,32
	-10,0	9,49	2,33	9,34	2,36	9,19	2,39	9,11	2,40	9,04	2,41	8,89	2,44
	-5,0	10,71	2,46	10,56	2,48	10,41	2,51	10,34	2,52	10,26	2,54	10,11	2,56
	0,0	11,94	2,58	11,79	2,61	11,64	2,63	11,56	2,65	11,49	2,67	11,34	2,69
	6,0	13,41	2,73	13,26	2,75	13,11	2,78	13,04	2,79	12,96	2,81	12,81	2,83
	10,0	14,39	2,82	14,24	2,85	14,09	2,88	14,02	2,89	13,94	2,91	13,79	2,93
	15,0	15,62	2,95	15,47	2,97	15,32	3,00	15,24	3,02	15,17	3,03	15,02	3,06
1.5+1.5+2.5+2.5	-15,0	7,49	2,13	7,35	2,16	7,21	2,18	7,14	2,20	7,07	2,21	6,93	2,23
	-10,0	8,64	2,25	8,50	2,27	8,36	2,30	8,29	2,31	8,22	2,32	8,08	2,35
	-5,0	9,79	2,36	9,65	2,39	9,51	2,41	9,44	2,42	9,37	2,43	9,23	2,46
	0,0	10,94	2,47	10,80	2,50	10,66	2,52	10,59	2,54	10,52	2,55	10,38	2,57
	6,0	12,32	2,61	12,18	2,64	12,04	2,66	11,97	2,67	11,90	2,68	11,76	2,71
	10,0	13,24	2,70	13,10	2,73	12,96	2,75	12,89	2,76	12,82	2,78	12,68	2,80
	15,0	14,39	2,81	14,25	2,84	14,11	2,86	14,04	2,88	13,97	2,89	13,83	2,91

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.5+3.5	-15,0	7,90	2,36	7,75	2,39	7,60	2,41	7,53	2,43	7,45	2,44	7,30	2,47
	-10,0	9,11	2,48	8,96	2,51	8,81	2,54	8,74	2,55	8,66	2,57	8,52	2,59
	-5,0	10,32	2,61	10,17	2,61	10,04	2,66	9,95	2,68	9,88	2,69	9,73	2,72
	0,0	11,53	2,73	11,38	2,76	11,24	2,79	11,16	2,80	11,09	2,82	10,94	2,84
	6,0	12,99	2,89	12,84	2,91	12,69	2,94	12,62	2,95	12,54	2,97	12,39	2,99
	10,0	13,96	2,99	13,81	3,01	13,66	3,04	13,59	3,05	13,51	3,07	13,36	3,09
	15,0	15,17	3,11	15,02	3,14	14,87	3,17	14,80	3,18	14,72	3,19	14,57	3,22
1.5+1.5+2.5+4.2	-15,0	7,91	2,35	7,76	2,38	7,61	2,40	7,54	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,47	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,53	2,58
	-5,0	10,33	2,60	10,18	2,60	10,05	2,65	9,96	2,67	9,89	2,68	9,74	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,16	14,81	3,17	14,73	3,18	14,58	3,21
1.5+1.5+2.5+5.0	-15,0	7,99	2,30	7,84	2,33	7,69	2,35	7,61	2,37	7,54	2,38	7,39	2,41
	-10,0	9,22	2,42	9,07	2,45	8,92	2,48	8,84	2,49	8,77	2,50	8,62	2,53
	-5,0	10,44	2,55	10,29	2,57	10,14	2,60	10,07	2,61	9,99	2,63	9,84	2,65
	0,0	11,67	2,67	11,52	2,70	11,37	2,72	11,29	2,74	11,22	2,76	11,07	2,78
	6,0	13,14	2,82	12,99	2,84	12,84	2,87	12,77	2,88	12,69	2,90	12,54	2,92
	10,0	14,12	2,91	13,97	2,94	13,82	2,97	13,75	2,98	13,67	3,00	13,52	3,02
	15,0	15,35	3,04	15,20	3,06	15,05	3,09	14,97	3,11	14,90	3,12	14,75	3,15
1.5+1.5+2.5+6.0	-15,0	8,23	2,23	8,08	2,26	7,93	2,28	7,85	2,30	7,78	2,31	7,63	2,34
	-10,0	9,46	2,35	9,31	2,38	9,16	2,41	9,08	2,42	9,01	2,43	8,86	2,46
	-5,0	10,68	2,48	10,53	2,50	10,38	2,53	10,31	2,54	10,23	2,56	10,08	2,58
	0,0	11,91	2,60	11,76	2,63	11,61	2,65	11,53	2,67	11,46	2,69	11,31	2,71
	6,0	13,38	2,75	13,23	2,77	13,08	2,80	13,01	2,81	12,93	2,83	12,78	2,85
	10,0	14,36	2,84	14,21	2,87	14,06	2,90	13,99	2,91	13,91	2,93	13,76	2,95
	15,0	15,59	2,97	15,44	2,99	15,29	3,02	15,21	3,04	15,14	3,05	14,99	3,08
1.5+1.5+2.5+7.1	-15,0	8,26	2,21	8,11	2,24	7,96	2,26	7,88	2,28	7,81	2,29	7,66	2,32
	-10,0	9,49	2,33	9,34	2,36	9,19	2,39	9,11	2,40	9,04	2,41	8,89	2,44
	-5,0	10,71	2,46	10,56	2,48	10,41	2,51	10,34	2,52	10,26	2,54	10,11	2,56
	0,0	11,94	2,58	11,79	2,61	11,64	2,63	11,56	2,65	11,49	2,67	11,34	2,69
	6,0	13,41	2,73	13,26	2,75	13,11	2,78	13,04	2,79	12,96	2,81	12,81	2,83
	10,0	14,39	2,82	14,24	2,85	14,09	2,88	14,02	2,89	13,94	2,91	13,79	2,93
	15,0	15,62	2,95	15,47	2,97	15,32	3,00	15,24	3,02	15,17	3,03	15,02	3,06
1.5+1.5+3.5+3.5	-15,0	7,90	2,35	7,75	2,38	7,61	2,41	7,53	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,48	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,52	2,59
	-5,0	10,33	2,60	10,18	2,63	10,03	2,66	9,96	2,67	9,88	2,68	9,74	2,71
	0,0	11,54	2,73	11,39	2,75	11,24	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,15	14,81	3,17	14,73	3,18	14,59	3,21

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104192

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+3.5+4.2	-15,0	7,90	2,35	7,75	2,38	7,61	2,41	7,53	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,48	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,52	2,59
	-5,0	10,33	2,60	10,18	2,63	10,03	2,66	9,96	2,67	9,88	2,68	9,74	2,71
	0,0	11,54	2,73	11,39	2,75	11,24	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,15	14,81	3,17	14,73	3,18	14,59	3,21
1.5+1.5+3.5+5.0	-15,0	8,00	2,30	7,84	2,33	7,69	2,35	7,62	2,37	7,54	2,38	7,39	2,41
	-10,0	9,22	2,42	9,07	2,45	8,92	2,48	8,85	2,49	8,77	2,50	8,62	2,53
	-5,0	10,45	2,55	10,30	2,57	10,15	2,60	10,07	2,61	10,00	2,63	9,85	2,65
	0,0	11,68	2,67	11,53	2,70	11,38	2,72	11,30	2,74	11,23	2,75	11,08	2,78
	6,0	13,15	2,82	13,00	2,84	12,85	2,87	12,77	2,88	12,70	2,90	12,55	2,92
	10,0	14,13	2,91	13,98	2,94	13,83	2,97	13,76	2,98	13,68	3,00	13,53	3,02
	15,0	15,36	3,04	15,21	3,06	15,06	3,09	14,98	3,10	14,91	3,12	14,76	3,14
1.5+1.5+3.5+6.0	-15,0	8,24	2,22	8,08	2,25	7,93	2,27	7,86	2,29	7,78	2,30	7,63	2,33
	-10,0	9,46	2,34	9,31	2,37	9,16	2,40	9,09	2,41	9,01	2,42	8,86	2,45
	-5,0	10,69	2,47	10,54	2,49	10,39	2,52	10,31	2,53	10,24	2,55	10,09	2,57
	0,0	11,92	2,59	11,77	2,62	11,62	2,64	11,54	2,66	11,47	2,67	11,32	2,70
	6,0	13,39	2,74	13,24	2,76	13,09	2,79	13,01	2,80	12,94	2,82	12,79	2,84
	10,0	14,37	2,83	14,22	2,86	14,07	2,89	14,00	2,90	13,92	2,92	13,77	2,94
	15,0	15,60	2,96	15,45	2,98	15,30	3,01	15,22	3,02	15,15	3,04	15,00	3,06
1.5+1.5+3.5+7.1	-15,0	8,28	2,21	8,12	2,24	7,97	2,26	7,90	2,28	7,82	2,29	7,67	2,32
	-10,0	9,50	2,33	9,35	2,36	9,20	2,39	9,13	2,40	9,05	2,41	8,90	2,44
	-5,0	10,73	2,46	10,58	2,48	10,43	2,51	10,35	2,52	10,28	2,54	10,13	2,56
	0,0	11,96	2,58	11,81	2,61	11,66	2,63	11,58	2,65	11,51	2,66	11,36	2,69
	6,0	13,43	2,73	13,28	2,75	13,13	2,78	13,05	2,79	12,98	2,81	12,83	2,83
	10,0	14,41	2,82	14,26	2,85	14,11	2,88	14,04	2,89	13,96	2,91	13,81	2,93
	15,0	15,64	2,95	15,49	2,97	15,34	3,00	15,26	3,01	15,19	3,03	15,04	3,05
1.5+1.5+4.2+4.2	-15,0	7,91	2,35	7,76	2,38	7,62	2,41	7,54	2,42	7,47	2,43	7,32	2,46
	-10,0	9,13	2,48	8,98	2,50	8,83	2,53	8,76	2,54	8,68	2,56	8,53	2,59
	-5,0	10,34	2,60	10,19	2,63	10,04	2,66	9,97	2,67	9,89	2,68	9,75	2,71
	0,0	11,55	2,73	11,40	2,75	11,25	2,78	11,18	2,79	11,11	2,81	10,96	2,83
	6,0	13,01	2,88	12,86	2,90	12,71	2,93	12,64	2,94	12,56	2,96	12,41	2,98
	10,0	13,98	2,98	13,83	3,00	13,68	3,03	13,61	3,04	13,53	3,06	13,38	3,08
	15,0	15,19	3,10	15,04	3,13	14,89	3,15	14,82	3,17	14,74	3,18	14,60	3,21
1.5+1.5+4.2+5.0	-15,0	8,02	2,30	7,86	2,33	7,71	2,35	7,64	2,37	7,56	2,38	7,41	2,41
	-10,0	9,24	2,42	9,09	2,45	8,94	2,48	8,87	2,49	8,79	2,50	8,64	2,53
	-5,0	10,47	2,55	10,32	2,57	10,17	2,60	10,09	2,61	10,02	2,63	9,87	2,65
	0,0	11,70	2,67	11,55	2,70	11,40	2,72	11,32	2,74	11,25	2,75	11,10	2,78
	6,0	13,17	2,82	13,02	2,84	12,87	2,87	12,79	2,88	12,72	2,90	12,57	2,92
	10,0	14,15	2,91	14,00	2,94	13,85	2,97	13,78	2,98	13,70	3,00	13,55	3,02
	15,0	15,38	3,04	15,23	3,06	15,08	3,09	15,00	3,10	14,93	3,12	14,78	3,14

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+4.2+6.0	-15,0	8,25	2,22	8,09	2,25	7,94	2,27	7,87	2,29	7,79	2,30	7,64	2,33
	-10,0	9,47	2,34	9,32	2,37	9,17	2,40	9,10	2,41	9,02	2,42	8,87	2,45
	-5,0	10,70	2,47	10,55	2,49	10,40	2,52	10,32	2,53	10,25	2,55	10,10	2,57
	0,0	11,93	2,59	11,78	2,62	11,63	2,64	11,55	2,66	11,48	2,67	11,33	2,70
	6,0	13,40	2,74	13,25	2,76	13,10	2,79	13,02	2,80	12,95	2,82	12,80	2,84
	10,0	14,38	2,83	14,23	2,86	14,08	2,89	14,01	2,90	13,93	2,92	13,78	2,94
	15,0	15,61	2,96	15,46	2,98	15,31	3,01	15,23	3,02	15,16	3,04	15,01	3,06
1.5+1.5+4.2+7.1	-15,0	8,29	2,21	8,13	2,24	7,98	2,26	7,91	2,28	7,83	2,29	7,68	2,32
	-10,0	9,51	2,33	9,36	2,36	9,21	2,39	9,14	2,40	9,06	2,41	8,91	2,44
	-5,0	10,74	2,46	10,59	2,48	10,44	2,51	10,36	2,52	10,29	2,54	10,14	2,56
	0,0	11,97	2,58	11,82	2,61	11,67	2,63	11,59	2,65	11,52	2,66	11,37	2,69
	6,0	13,44	2,73	13,29	2,75	13,14	2,78	13,06	2,79	12,99	2,81	12,84	2,83
	10,0	14,42	2,82	14,27	2,85	14,12	2,88	14,05	2,89	13,97	2,91	13,82	2,93
	15,0	15,65	2,95	15,50	2,97	15,35	3,00	15,27	3,01	15,20	3,03	15,05	3,05
1.5+1.5+5.0+5.0	-15,0	8,10	2,27	7,95	2,30	7,80	2,32	7,72	2,34	7,65	2,35	7,49	2,38
	-10,0	9,35	2,39	9,19	2,42	9,04	2,44	8,97	2,46	8,89	2,47	8,74	2,50
	-5,0	10,59	2,51	10,44	2,54	10,28	2,56	10,21	2,58	10,13	2,59	9,98	2,62
	0,0	11,83	2,63	11,68	2,66	11,53	2,69	11,45	2,70	11,38	2,71	11,22	2,74
	6,0	13,32	2,78	13,17	2,80	13,02	2,83	12,94	2,84	12,87	2,86	12,72	2,88
	10,0	14,32	2,87	14,17	2,90	14,01	2,93	13,94	2,94	13,86	2,95	13,71	2,98
	15,0	15,56	2,99	15,41	3,02	15,26	3,05	15,18	3,06	15,11	3,07	14,95	3,10
1.5+1.5+5.0+6.0	-15,0	8,33	2,24	8,18	2,27	8,03	2,29	7,95	2,31	7,88	2,32	7,72	2,35
	-10,0	9,58	2,36	9,42	2,39	9,27	2,41	9,20	2,43	9,12	2,44	8,97	2,47
	-5,0	10,82	2,48	10,67	2,51	10,51	2,53	10,44	2,55	10,36	2,56	10,21	2,59
	0,0	12,06	2,60	11,91	2,63	11,76	2,66	11,68	2,67	11,61	2,68	11,45	2,71
	6,0	13,55	2,75	13,40	2,77	13,25	2,80	13,17	2,81	13,10	2,83	12,95	2,85
	10,0	14,55	2,84	14,40	2,87	14,24	2,90	14,17	2,91	14,09	2,92	13,94	2,95
	15,0	15,79	2,96	15,64	2,99	15,49	3,02	15,41	3,03	15,34	3,04	15,18	3,07
1.5+1.5+5.0+7.1	-15,0	8,37	2,22	8,22	2,25	8,07	2,27	7,99	2,29	7,92	2,30	7,76	2,33
	-10,0	9,62	2,34	9,46	2,37	9,31	2,39	9,24	2,41	9,16	2,42	9,01	2,45
	-5,0	10,86	2,46	10,71	2,49	10,55	2,51	10,48	2,53	10,40	2,54	10,25	2,57
	0,0	12,10	2,58	11,95	2,61	11,80	2,64	11,72	2,65	11,65	2,66	11,49	2,69
	6,0	13,59	2,73	13,44	2,75	13,29	2,78	13,21	2,79	13,14	2,81	12,99	2,83
	10,0	14,59	2,82	14,44	2,85	14,28	2,88	14,21	2,89	14,13	2,90	13,98	2,93
	15,0	15,83	2,94	15,68	2,97	15,53	3,00	15,45	3,01	15,38	3,02	15,22	3,05
1.5+1.5+6.0+6.0	-15,0	8,57	2,16	8,42	2,19	8,27	2,21	8,19	2,23	8,12	2,24	7,96	2,27
	-10,0	9,82	2,28	9,66	2,31	9,51	2,33	9,44	2,35	9,36	2,36	9,21	2,39
	-5,0	11,06	2,40	10,91	2,43	10,75	2,45	10,68	2,47	10,60	2,48	10,45	2,51
	0,0	12,30	2,52	12,15	2,55	12,00	2,58	11,92	2,59	11,85	2,60	11,69	2,63
	6,0	13,79	2,67	13,64	2,69	13,49	2,72	13,41	2,73	13,34	2,75	13,19	2,77
	10,0	14,79	2,76	14,64	2,79	14,48	2,82	14,41	2,83	14,33	2,84	14,18	2,87
	15,0	16,03	2,88	15,88	2,91	15,73	2,94	15,65	2,95	15,58	2,96	15,42	2,99

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104193

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.0+2.0	-15,0	7,49	2,13	7,35	2,16	7,21	2,18	7,14	2,20	7,07	2,21	6,93	2,23
	-10,0	8,64	2,25	8,50	2,27	8,36	2,30	8,29	2,31	8,22	2,32	8,08	2,35
	-5,0	9,79	2,36	9,65	2,39	9,51	2,41	9,44	2,42	9,37	2,43	9,23	2,46
	0,0	10,94	2,47	10,80	2,50	10,66	2,52	10,59	2,54	10,52	2,55	10,38	2,57
	6,0	12,32	2,61	12,18	2,64	12,04	2,66	11,97	2,67	11,90	2,68	11,76	2,71
	10,0	13,24	2,70	13,10	2,73	12,96	2,75	12,89	2,76	12,82	2,78	12,68	2,80
	15,0	14,39	2,81	14,25	2,84	14,11	2,86	14,04	2,88	13,97	2,89	13,83	2,91
1.5+2.0+2.0+2.5	-15,0	7,49	2,13	7,35	2,16	7,21	2,18	7,14	2,20	7,07	2,21	6,93	2,23
	-10,0	8,64	2,25	8,50	2,27	8,36	2,30	8,29	2,31	8,22	2,32	8,08	2,35
	-5,0	9,79	2,36	9,65	2,39	9,51	2,41	9,44	2,42	9,37	2,43	9,23	2,46
	0,0	10,94	2,47	10,80	2,50	10,66	2,52	10,59	2,54	10,52	2,55	10,38	2,57
	6,0	12,32	2,61	12,18	2,64	12,04	2,66	11,97	2,67	11,90	2,68	11,76	2,71
	10,0	13,24	2,70	13,10	2,73	12,96	2,75	12,89	2,76	12,82	2,78	12,68	2,80
	15,0	14,39	2,81	14,25	2,84	14,11	2,86	14,04	2,88	13,97	2,89	13,83	2,91
1.5+2.0+2.0+3.5	-15,0	7,90	2,36	7,75	2,39	7,60	2,41	7,53	2,43	7,45	2,44	7,30	2,47
	-10,0	9,11	2,48	8,96	2,51	8,81	2,54	8,74	2,55	8,66	2,57	8,52	2,59
	-5,0	10,32	2,61	10,17	2,61	10,04	2,66	9,95	2,68	9,88	2,69	9,73	2,72
	0,0	11,53	2,73	11,38	2,76	11,24	2,79	11,16	2,80	11,09	2,82	10,94	2,84
	6,0	12,99	2,89	12,84	2,91	12,69	2,94	12,62	2,95	12,54	2,97	12,39	2,99
	10,0	13,96	2,99	13,81	3,01	13,66	3,04	13,59	3,05	13,51	3,07	13,36	3,09
	15,0	15,17	3,11	15,02	3,14	14,87	3,17	14,80	3,18	14,72	3,19	14,57	3,22
1.5+2.0+2.0+4.2	-15,0	7,91	2,35	7,76	2,38	7,61	2,40	7,54	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,47	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,53	2,58
	-5,0	10,33	2,60	10,18	2,60	10,05	2,65	9,96	2,67	9,89	2,68	9,74	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,16	14,81	3,17	14,73	3,18	14,58	3,21
1.5+2.0+2.0+5.0	-15,0	7,99	2,30	7,84	2,33	7,69	2,35	7,61	2,37	7,54	2,38	7,39	2,41
	-10,0	9,22	2,42	9,07	2,45	8,92	2,48	8,84	2,49	8,77	2,50	8,62	2,53
	-5,0	10,44	2,55	10,29	2,57	10,14	2,60	10,07	2,61	9,99	2,63	9,84	2,65
	0,0	11,67	2,67	11,52	2,70	11,37	2,72	11,29	2,74	11,22	2,76	11,07	2,78
	6,0	13,14	2,82	12,99	2,84	12,84	2,87	12,77	2,88	12,69	2,90	12,54	2,92
	10,0	14,12	2,91	13,97	2,94	13,82	2,97	13,75	2,98	13,67	3,00	13,52	3,02
	15,0	15,35	3,04	15,20	3,06	15,05	3,09	14,97	3,11	14,90	3,12	14,75	3,15
1.5+2.0+2.0+6.0	-15,0	8,23	2,23	8,08	2,26	7,93	2,28	7,85	2,30	7,78	2,31	7,63	2,34
	-10,0	9,46	2,35	9,31	2,38	9,16	2,41	9,08	2,42	9,01	2,43	8,86	2,46
	-5,0	10,68	2,48	10,53	2,50	10,38	2,53	10,31	2,54	10,23	2,56	10,08	2,58
	0,0	11,91	2,60	11,76	2,63	11,61	2,65	11,53	2,67	11,46	2,69	11,31	2,71
	6,0	13,38	2,75	13,23	2,77	13,08	2,80	13,01	2,81	12,93	2,83	12,78	2,85
	10,0	14,36	2,84	14,21	2,87	14,06	2,90	13,99	2,91	13,91	2,93	13,76	2,95
	15,0	15,59	2,97	15,44	2,99	15,29	3,02	15,21	3,04	15,14	3,05	14,99	3,08

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.0+7.1	-15,0	8,26	2,21	8,11	2,24	7,96	2,26	7,88	2,28	7,81	2,29	7,66	2,32
	-10,0	9,49	2,33	9,34	2,36	9,19	2,39	9,11	2,40	9,04	2,41	8,89	2,44
	-5,0	10,71	2,46	10,56	2,48	10,41	2,51	10,34	2,52	10,26	2,54	10,11	2,56
	0,0	11,94	2,58	11,79	2,61	11,64	2,63	11,56	2,65	11,49	2,67	11,34	2,69
	6,0	13,41	2,73	13,26	2,75	13,11	2,78	13,04	2,79	12,96	2,81	12,81	2,83
	10,0	14,39	2,82	14,24	2,85	14,09	2,88	14,02	2,89	13,94	2,91	13,79	2,93
	15,0	15,62	2,95	15,47	2,97	15,32	3,00	15,24	3,02	15,17	3,03	15,02	3,06
1.5+2.0+2.5+2.5	-15,0	7,49	2,13	7,35	2,16	7,21	2,18	7,14	2,20	7,07	2,21	6,93	2,23
	-10,0	8,64	2,25	8,50	2,27	8,36	2,30	8,29	2,31	8,22	2,32	8,08	2,35
	-5,0	9,79	2,36	9,65	2,39	9,51	2,41	9,44	2,42	9,37	2,43	9,23	2,46
	0,0	10,94	2,47	10,80	2,50	10,66	2,52	10,59	2,54	10,52	2,55	10,38	2,57
	6,0	12,32	2,61	12,18	2,64	12,04	2,66	11,97	2,67	11,90	2,68	11,76	2,71
	10,0	13,24	2,70	13,10	2,73	12,96	2,75	12,89	2,76	12,82	2,78	12,68	2,80
	15,0	14,39	2,81	14,25	2,84	14,11	2,86	14,04	2,88	13,97	2,89	13,83	2,91
1.5+2.0+2.5+3.5	-15,0	7,90	2,36	7,75	2,39	7,60	2,41	7,53	2,43	7,45	2,44	7,30	2,47
	-10,0	9,11	2,48	8,96	2,51	8,81	2,54	8,74	2,55	8,66	2,57	8,52	2,59
	-5,0	10,32	2,61	10,17	2,61	10,04	2,66	9,95	2,68	9,88	2,69	9,73	2,72
	0,0	11,53	2,73	11,38	2,76	11,24	2,79	11,16	2,80	11,09	2,82	10,94	2,84
	6,0	12,99	2,89	12,84	2,91	12,69	2,94	12,62	2,95	12,54	2,97	12,39	2,99
	10,0	13,96	2,99	13,81	3,01	13,66	3,04	13,59	3,05	13,51	3,07	13,36	3,09
	15,0	15,17	3,11	15,02	3,14	14,87	3,17	14,80	3,18	14,72	3,19	14,57	3,22
1.5+2.0+2.5+4.2	-15,0	7,91	2,35	7,76	2,38	7,61	2,40	7,54	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,47	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,53	2,58
	-5,0	10,33	2,60	10,18	2,60	10,05	2,65	9,96	2,67	9,89	2,68	9,74	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,16	14,81	3,17	14,73	3,18	14,58	3,21
1.5+2.0+2.5+5.0	-15,0	7,99	2,30	7,84	2,33	7,69	2,35	7,61	2,37	7,54	2,38	7,39	2,41
	-10,0	9,22	2,42	9,07	2,45	8,92	2,48	8,84	2,49	8,77	2,50	8,62	2,53
	-5,0	10,44	2,55	10,29	2,57	10,14	2,60	10,07	2,61	9,99	2,63	9,84	2,65
	0,0	11,67	2,67	11,52	2,70	11,37	2,72	11,29	2,74	11,22	2,76	11,07	2,78
	6,0	13,14	2,82	12,99	2,84	12,84	2,87	12,77	2,88	12,69	2,90	12,54	2,92
	10,0	14,12	2,91	13,97	2,94	13,82	2,97	13,75	2,98	13,67	3,00	13,52	3,02
	15,0	15,35	3,04	15,20	3,06	15,05	3,09	14,97	3,11	14,90	3,12	14,75	3,15
1.5+2.0+2.5+6.0	-15,0	8,23	2,23	8,08	2,26	7,93	2,28	7,85	2,30	7,78	2,31	7,63	2,34
	-10,0	9,46	2,35	9,31	2,38	9,16	2,41	9,08	2,42	9,01	2,43	8,86	2,46
	-5,0	10,68	2,48	10,53	2,50	10,38	2,53	10,31	2,54	10,23	2,56	10,08	2,58
	0,0	11,91	2,60	11,76	2,63	11,61	2,65	11,53	2,67	11,46	2,69	11,31	2,71
	6,0	13,38	2,75	13,23	2,77	13,08	2,80	13,01	2,81	12,93	2,83	12,78	2,85
	10,0	14,36	2,84	14,21	2,87	14,06	2,90	13,99	2,91	13,91	2,93	13,76	2,95
	15,0	15,59	2,97	15,44	2,99	15,29	3,02	15,21	3,04	15,14	3,05	14,99	3,08

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104194

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.5+7.1	-15,0	8,26	2,21	8,11	2,24	7,96	2,26	7,88	2,28	7,81	2,29	7,66	2,32
	-10,0	9,49	2,33	9,34	2,36	9,19	2,39	9,11	2,40	9,04	2,41	8,89	2,44
	-5,0	10,71	2,46	10,56	2,48	10,41	2,51	10,34	2,52	10,26	2,54	10,11	2,56
	0,0	11,94	2,58	11,79	2,61	11,64	2,63	11,56	2,65	11,49	2,67	11,34	2,69
	6,0	13,41	2,73	13,26	2,75	13,11	2,78	13,04	2,79	12,96	2,81	12,81	2,83
	10,0	14,39	2,82	14,24	2,85	14,09	2,88	14,02	2,89	13,94	2,91	13,79	2,93
	15,0	15,62	2,95	15,47	2,97	15,32	3,00	15,24	3,02	15,17	3,03	15,02	3,06
1.5+2.0+3.5+3.5	-15,0	7,90	2,35	7,75	2,38	7,61	2,41	7,53	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,48	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,52	2,59
	-5,0	10,33	2,60	10,18	2,63	10,03	2,66	9,96	2,67	9,88	2,68	9,74	2,71
	0,0	11,54	2,73	11,39	2,75	11,24	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,15	14,81	3,17	14,73	3,18	14,59	3,21
1.5+2.0+3.5+4.2	-15,0	7,90	2,35	7,75	2,38	7,61	2,41	7,53	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,48	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,52	2,59
	-5,0	10,33	2,60	10,18	2,63	10,03	2,66	9,96	2,67	9,88	2,68	9,74	2,71
	0,0	11,54	2,73	11,39	2,75	11,24	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,15	14,81	3,17	14,73	3,18	14,59	3,21
1.5+2.0+3.5+5.0	-15,0	8,00	2,30	7,84	2,33	7,69	2,35	7,62	2,37	7,54	2,38	7,39	2,41
	-10,0	9,22	2,42	9,07	2,45	8,92	2,48	8,85	2,49	8,77	2,50	8,62	2,53
	-5,0	10,45	2,55	10,30	2,57	10,15	2,60	10,07	2,61	10,00	2,63	9,85	2,65
	0,0	11,68	2,67	11,53	2,70	11,38	2,72	11,30	2,74	11,23	2,75	11,08	2,78
	6,0	13,15	2,82	13,00	2,84	12,85	2,87	12,77	2,88	12,70	2,90	12,55	2,92
	10,0	14,13	2,91	13,98	2,94	13,83	2,97	13,76	2,98	13,68	3,00	13,53	3,02
	15,0	15,36	3,04	15,21	3,06	15,06	3,09	14,98	3,10	14,91	3,12	14,76	3,14
1.5+2.0+3.5+6.0	-15,0	8,24	2,22	8,08	2,25	7,93	2,27	7,86	2,29	7,78	2,30	7,63	2,33
	-10,0	9,46	2,34	9,31	2,37	9,16	2,40	9,09	2,41	9,01	2,42	8,86	2,45
	-5,0	10,69	2,47	10,54	2,49	10,39	2,52	10,31	2,53	10,24	2,55	10,09	2,57
	0,0	11,92	2,59	11,77	2,62	11,62	2,64	11,54	2,66	11,47	2,67	11,32	2,70
	6,0	13,39	2,74	13,24	2,76	13,09	2,79	13,01	2,80	12,94	2,82	12,79	2,84
	10,0	14,37	2,83	14,22	2,86	14,07	2,89	14,00	2,90	13,92	2,92	13,77	2,94
	15,0	15,60	2,96	15,45	2,98	15,30	3,01	15,22	3,02	15,15	3,04	15,00	3,06
1.5+2.0+3.5+7.1	-15,0	8,28	2,21	8,12	2,24	7,97	2,26	7,90	2,28	7,82	2,29	7,67	2,32
	-10,0	9,50	2,33	9,35	2,36	9,20	2,39	9,13	2,40	9,05	2,41	8,90	2,44
	-5,0	10,73	2,46	10,58	2,48	10,43	2,51	10,35	2,52	10,28	2,54	10,13	2,56
	0,0	11,96	2,58	11,81	2,61	11,66	2,63	11,58	2,65	11,51	2,66	11,36	2,69
	6,0	13,43	2,73	13,28	2,75	13,13	2,78	13,05	2,79	12,98	2,81	12,83	2,83
	10,0	14,41	2,82	14,26	2,85	14,11	2,88	14,04	2,89	13,96	2,91	13,81	2,93
	15,0	15,64	2,95	15,49	2,97	15,34	3,00	15,26	3,01	15,19	3,03	15,04	3,05

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+4.2+4.2	-15,0	7,91	2,35	7,76	2,38	7,62	2,41	7,54	2,42	7,47	2,43	7,32	2,46
	-10,0	9,13	2,48	8,98	2,50	8,83	2,53	8,76	2,54	8,68	2,56	8,53	2,59
	-5,0	10,34	2,60	10,19	2,63	10,04	2,66	9,97	2,67	9,89	2,68	9,75	2,71
	0,0	11,55	2,73	11,40	2,75	11,25	2,78	11,18	2,79	11,11	2,81	10,96	2,83
	6,0	13,01	2,88	12,86	2,90	12,71	2,93	12,64	2,94	12,56	2,96	12,41	2,98
	10,0	13,98	2,98	13,83	3,00	13,68	3,03	13,61	3,04	13,53	3,06	13,38	3,08
	15,0	15,19	3,10	15,04	3,13	14,89	3,15	14,82	3,17	14,74	3,18	14,60	3,21
1.5+2.0+4.2+5.0	-15,0	8,02	2,30	7,86	2,33	7,71	2,35	7,64	2,37	7,56	2,38	7,41	2,41
	-10,0	9,24	2,42	9,09	2,45	8,94	2,48	8,87	2,49	8,79	2,50	8,64	2,53
	-5,0	10,47	2,55	10,32	2,57	10,17	2,60	10,09	2,61	10,02	2,63	9,87	2,65
	0,0	11,70	2,67	11,55	2,70	11,40	2,72	11,32	2,74	11,25	2,75	11,10	2,78
	6,0	13,17	2,82	13,02	2,84	12,87	2,87	12,79	2,88	12,72	2,90	12,57	2,92
	10,0	14,15	2,91	14,00	2,94	13,85	2,97	13,78	2,98	13,70	3,00	13,55	3,02
	15,0	15,38	3,04	15,23	3,06	15,08	3,09	15,00	3,10	14,93	3,12	14,78	3,14
1.5+2.0+4.2+6.0	-15,0	8,25	2,22	8,09	2,25	7,94	2,27	7,87	2,29	7,79	2,30	7,64	2,33
	-10,0	9,47	2,34	9,32	2,37	9,17	2,40	9,10	2,41	9,02	2,42	8,87	2,45
	-5,0	10,70	2,47	10,55	2,49	10,40	2,52	10,32	2,53	10,25	2,55	10,10	2,57
	0,0	11,93	2,59	11,78	2,62	11,63	2,64	11,55	2,66	11,48	2,67	11,33	2,70
	6,0	13,40	2,74	13,25	2,76	13,10	2,79	13,02	2,80	12,95	2,82	12,80	2,84
	10,0	14,38	2,83	14,23	2,86	14,08	2,89	14,01	2,90	13,93	2,92	13,78	2,94
	15,0	15,61	2,96	15,46	2,98	15,31	3,01	15,23	3,02	15,16	3,04	15,01	3,06
1.5+2.0+4.2+7.1	-15,0	8,29	2,21	8,13	2,24	7,98	2,26	7,91	2,28	7,83	2,29	7,68	2,32
	-10,0	9,51	2,33	9,36	2,36	9,21	2,39	9,14	2,40	9,06	2,41	8,91	2,44
	-5,0	10,74	2,46	10,59	2,48	10,44	2,51	10,36	2,52	10,29	2,54	10,14	2,56
	0,0	11,97	2,58	11,82	2,61	11,67	2,63	11,59	2,65	11,52	2,66	11,37	2,69
	6,0	13,44	2,73	13,29	2,75	13,14	2,78	13,06	2,79	12,99	2,81	12,84	2,83
	10,0	14,42	2,82	14,27	2,85	14,12	2,88	14,05	2,89	13,97	2,91	13,82	2,93
	15,0	15,65	2,95	15,50	2,97	15,35	3,00	15,27	3,01	15,20	3,03	15,05	3,05
1.5+2.0+5.0+5.0	-15,0	8,10	2,27	7,95	2,30	7,80	2,32	7,72	2,34	7,65	2,35	7,49	2,38
	-10,0	9,35	2,39	9,19	2,42	9,04	2,44	8,97	2,46	8,89	2,47	8,74	2,50
	-5,0	10,59	2,51	10,44	2,54	10,28	2,56	10,21	2,58	10,13	2,59	9,98	2,62
	0,0	11,83	2,63	11,68	2,66	11,53	2,69	11,45	2,70	11,38	2,71	11,22	2,74
	6,0	13,32	2,78	13,17	2,80	13,02	2,83	12,94	2,84	12,87	2,86	12,72	2,88
	10,0	14,32	2,87	14,17	2,90	14,01	2,93	13,94	2,94	13,86	2,95	13,71	2,98
	15,0	15,56	2,99	15,41	3,02	15,26	3,05	15,18	3,06	15,11	3,07	14,95	3,10
1.5+2.0+5.0+6.0	-15,0	8,33	2,24	8,18	2,27	8,03	2,29	7,95	2,31	7,88	2,32	7,72	2,35
	-10,0	9,58	2,36	9,42	2,39	9,27	2,41	9,20	2,43	9,12	2,44	8,97	2,47
	-5,0	10,82	2,48	10,67	2,51	10,51	2,53	10,44	2,55	10,36	2,56	10,21	2,59
	0,0	12,06	2,60	11,91	2,63	11,76	2,66	11,68	2,67	11,61	2,68	11,45	2,71
	6,0	13,55	2,75	13,40	2,77	13,25	2,80	13,17	2,81	13,10	2,83	12,95	2,85
	10,0	14,55	2,84	14,40	2,87	14,24	2,90	14,17	2,91	14,09	2,92	13,94	2,95
	15,0	15,79	2,96	15,64	2,99	15,49	3,02	15,41	3,03	15,34	3,04	15,18	3,07

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104195

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+5.0+7.1	-15,0	8,37	2,22	8,22	2,25	8,07	2,27	7,99	2,29	7,92	2,30	7,76	2,33
	-10,0	9,62	2,34	9,46	2,37	9,31	2,39	9,24	2,41	9,16	2,42	9,01	2,45
	-5,0	10,86	2,46	10,71	2,49	10,55	2,51	10,48	2,53	10,40	2,54	10,25	2,57
	0,0	12,10	2,58	11,95	2,61	11,80	2,64	11,72	2,65	11,65	2,66	11,49	2,69
	6,0	13,59	2,73	13,44	2,75	13,29	2,78	13,21	2,79	13,14	2,81	12,99	2,83
	10,0	14,59	2,82	14,44	2,85	14,28	2,88	14,21	2,89	14,13	2,90	13,98	2,93
	15,0	15,83	2,94	15,68	2,97	15,53	3,00	15,45	3,01	15,38	3,02	15,22	3,05
1.5+2.0+6.0+6.0	-15,0	8,57	2,16	8,42	2,19	8,27	2,21	8,19	2,23	8,12	2,24	7,96	2,27
	-10,0	9,82	2,28	9,66	2,31	9,51	2,33	9,44	2,35	9,36	2,36	9,21	2,39
	-5,0	11,06	2,40	10,91	2,43	10,75	2,45	10,68	2,47	10,60	2,48	10,45	2,51
	0,0	12,30	2,52	12,15	2,55	12,00	2,58	11,92	2,59	11,85	2,60	11,69	2,63
	6,0	13,79	2,67	13,64	2,69	13,49	2,72	13,41	2,73	13,34	2,75	13,19	2,77
	10,0	14,79	2,76	14,64	2,79	14,48	2,82	14,41	2,83	14,33	2,84	14,18	2,87
	15,0	16,03	2,88	15,88	2,91	15,73	2,94	15,65	2,95	15,58	2,96	15,42	2,99
1.5+2.5+2.5+2.5	-15,0	8,05	2,39	7,91	2,42	7,77	2,44	7,70	2,46	7,63	2,47	7,49	2,49
	-10,0	9,20	2,51	9,06	2,53	8,92	2,56	8,85	2,57	8,78	2,58	8,64	2,61
	-5,0	10,35	2,62	10,21	2,65	10,07	2,67	10,00	2,68	9,93	2,69	9,79	2,72
	0,0	11,50	2,73	11,36	2,76	11,22	2,78	11,15	2,80	11,08	2,81	10,94	2,83
	6,0	12,88	2,87	12,74	2,90	12,60	2,92	12,53	2,93	12,46	2,94	12,32	2,97
	10,0	13,80	2,96	13,66	2,99	13,52	3,01	13,45	3,02	13,38	3,04	13,24	3,06
	15,0	14,95	3,07	14,81	3,10	14,67	3,12	14,60	3,14	14,53	3,15	14,39	3,17
1.5+2.5+2.5+3.5	-15,0	7,90	2,36	7,75	2,39	7,60	2,41	7,53	2,43	7,45	2,44	7,30	2,47
	-10,0	9,11	2,48	8,96	2,51	8,81	2,54	8,74	2,55	8,66	2,57	8,52	2,59
	-5,0	10,32	2,61	10,17	2,61	10,04	2,66	9,95	2,68	9,88	2,69	9,73	2,72
	0,0	11,53	2,73	11,38	2,76	11,24	2,79	11,16	2,80	11,09	2,82	10,94	2,84
	6,0	12,99	2,89	12,84	2,91	12,69	2,94	12,62	2,95	12,54	2,97	12,39	2,99
	10,0	13,96	2,99	13,81	3,01	13,66	3,04	13,59	3,05	13,51	3,07	13,36	3,09
	15,0	15,17	3,11	15,02	3,14	14,87	3,17	14,80	3,18	14,72	3,19	14,57	3,22
1.5+2.5+2.5+4.2	-15,0	7,91	2,35	7,76	2,38	7,61	2,40	7,54	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,47	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,53	2,58
	-5,0	10,33	2,60	10,18	2,60	10,05	2,65	9,96	2,67	9,89	2,68	9,74	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,16	14,81	3,17	14,73	3,18	14,58	3,21
1.5+2.5+2.5+5.0	-15,0	7,99	2,30	7,84	2,33	7,69	2,35	7,61	2,37	7,54	2,38	7,39	2,41
	-10,0	9,22	2,42	9,07	2,45	8,92	2,48	8,84	2,49	8,77	2,50	8,62	2,53
	-5,0	10,44	2,55	10,29	2,57	10,14	2,60	10,07	2,61	9,99	2,63	9,84	2,65
	0,0	11,67	2,67	11,52	2,70	11,37	2,72	11,29	2,74	11,22	2,76	11,07	2,78
	6,0	13,14	2,82	12,99	2,84	12,84	2,87	12,77	2,88	12,69	2,90	12,54	2,92
	10,0	14,12	2,91	13,97	2,94	13,82	2,97	13,75	2,98	13,67	3,00	13,52	3,02
	15,0	15,35	3,04	15,20	3,06	15,05	3,09	14,97	3,11	14,90	3,12	14,75	3,15

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+2.5+6.0	-15,0	8,23	2,23	8,08	2,26	7,93	2,28	7,85	2,30	7,78	2,31	7,63	2,34
	-10,0	9,46	2,35	9,31	2,38	9,16	2,41	9,08	2,42	9,01	2,43	8,86	2,46
	-5,0	10,68	2,48	10,53	2,50	10,38	2,53	10,31	2,54	10,23	2,56	10,08	2,58
	0,0	11,91	2,60	11,76	2,63	11,61	2,65	11,53	2,67	11,46	2,69	11,31	2,71
	6,0	13,38	2,75	13,23	2,77	13,08	2,80	13,01	2,81	12,93	2,83	12,78	2,85
	10,0	14,36	2,84	14,21	2,87	14,06	2,90	13,99	2,91	13,91	2,93	13,76	2,95
	15,0	15,59	2,97	15,44	2,99	15,29	3,02	15,21	3,04	15,14	3,05	14,99	3,08
1.5+2.5+2.5+7.1	-15,0	8,26	2,21	8,11	2,24	7,96	2,26	7,88	2,28	7,81	2,29	7,66	2,32
	-10,0	9,49	2,33	9,34	2,36	9,19	2,39	9,11	2,40	9,04	2,41	8,89	2,44
	-5,0	10,71	2,46	10,56	2,48	10,41	2,51	10,34	2,52	10,26	2,54	10,11	2,56
	0,0	11,94	2,58	11,79	2,61	11,64	2,63	11,56	2,65	11,49	2,67	11,34	2,69
	6,0	13,41	2,73	13,26	2,75	13,11	2,78	13,04	2,79	12,96	2,81	12,81	2,83
	10,0	14,39	2,82	14,24	2,85	14,09	2,88	14,02	2,89	13,94	2,91	13,79	2,93
	15,0	15,62	2,95	15,47	2,97	15,32	3,00	15,24	3,02	15,17	3,03	15,02	3,06
1.5+2.5+3.5+3.5	-15,0	7,90	2,35	7,75	2,38	7,61	2,41	7,53	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,48	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,52	2,59
	-5,0	10,33	2,60	10,18	2,63	10,03	2,66	9,96	2,67	9,88	2,68	9,74	2,71
	0,0	11,54	2,73	11,39	2,75	11,24	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,15	14,81	3,17	14,73	3,18	14,59	3,21
1.5+2.5+3.5+4.2	-15,0	7,90	2,35	7,75	2,38	7,61	2,41	7,53	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,48	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,52	2,59
	-5,0	10,33	2,60	10,18	2,63	10,03	2,66	9,96	2,67	9,88	2,68	9,74	2,71
	0,0	11,54	2,73	11,39	2,75	11,24	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,15	14,81	3,17	14,73	3,18	14,59	3,21
1.5+2.5+3.5+5.0	-15,0	8,00	2,30	7,84	2,33	7,69	2,35	7,62	2,37	7,54	2,38	7,39	2,41
	-10,0	9,22	2,42	9,07	2,45	8,92	2,48	8,85	2,49	8,77	2,50	8,62	2,53
	-5,0	10,45	2,55	10,30	2,57	10,15	2,60	10,07	2,61	10,00	2,63	9,85	2,65
	0,0	11,68	2,67	11,53	2,70	11,38	2,72	11,30	2,74	11,23	2,75	11,08	2,78
	6,0	13,15	2,82	13,00	2,84	12,85	2,87	12,77	2,88	12,70	2,90	12,55	2,92
	10,0	14,13	2,91	13,98	2,94	13,83	2,97	13,76	2,98	13,68	3,00	13,53	3,02
	15,0	15,36	3,04	15,21	3,06	15,06	3,09	14,98	3,10	14,91	3,12	14,76	3,14
1.5+2.5+3.5+6.0	-15,0	8,24	2,22	8,08	2,25	7,93	2,27	7,86	2,29	7,78	2,30	7,63	2,33
	-10,0	9,46	2,34	9,31	2,37	9,16	2,40	9,09	2,41	9,01	2,42	8,86	2,45
	-5,0	10,69	2,47	10,54	2,49	10,39	2,52	10,31	2,53	10,24	2,55	10,09	2,57
	0,0	11,92	2,59	11,77	2,62	11,62	2,64	11,54	2,66	11,47	2,67	11,32	2,70
	6,0	13,39	2,74	13,24	2,76	13,09	2,79	13,01	2,80	12,94	2,82	12,79	2,84
	10,0	14,37	2,83	14,22	2,86	14,07	2,89	14,00	2,90	13,92	2,92	13,77	2,94
	15,0	15,60	2,96	15,45	2,98	15,30	3,01	15,22	3,02	15,15	3,04	15,00	3,06

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104196

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+3.5+7.1	-15,0	8,28	2,21	8,12	2,24	7,97	2,26	7,90	2,28	7,82	2,29	7,67	2,32
	-10,0	9,50	2,33	9,35	2,36	9,20	2,39	9,13	2,40	9,05	2,41	8,90	2,44
	-5,0	10,73	2,46	10,58	2,48	10,43	2,51	10,35	2,52	10,28	2,54	10,13	2,56
	0,0	11,96	2,58	11,81	2,61	11,66	2,63	11,58	2,65	11,51	2,66	11,36	2,69
	6,0	13,43	2,73	13,28	2,75	13,13	2,78	13,05	2,79	12,98	2,81	12,83	2,83
	10,0	14,41	2,82	14,26	2,85	14,11	2,88	14,04	2,89	13,96	2,91	13,81	2,93
	15,0	15,64	2,95	15,49	2,97	15,34	3,00	15,26	3,01	15,19	3,03	15,04	3,05
1.5+2.5+4.2+4.2	-15,0	7,91	2,35	7,76	2,38	7,62	2,41	7,54	2,42	7,47	2,43	7,32	2,46
	-10,0	9,13	2,48	8,98	2,50	8,83	2,53	8,76	2,54	8,68	2,56	8,53	2,59
	-5,0	10,34	2,60	10,19	2,63	10,04	2,66	9,97	2,67	9,89	2,68	9,75	2,71
	0,0	11,55	2,73	11,40	2,75	11,25	2,78	11,18	2,79	11,11	2,81	10,96	2,83
	6,0	13,01	2,88	12,86	2,90	12,71	2,93	12,64	2,94	12,56	2,96	12,41	2,98
	10,0	13,98	2,98	13,83	3,00	13,68	3,03	13,61	3,04	13,53	3,06	13,38	3,08
	15,0	15,19	3,10	15,04	3,13	14,89	3,15	14,82	3,17	14,74	3,18	14,60	3,21
1.5+2.5+4.2+5.0	-15,0	8,02	2,30	7,86	2,33	7,71	2,35	7,64	2,37	7,56	2,38	7,41	2,41
	-10,0	9,24	2,42	9,09	2,45	8,94	2,48	8,87	2,49	8,79	2,50	8,64	2,53
	-5,0	10,47	2,55	10,32	2,57	10,17	2,60	10,09	2,61	10,02	2,63	9,87	2,65
	0,0	11,70	2,67	11,55	2,70	11,40	2,72	11,32	2,74	11,25	2,75	11,10	2,78
	6,0	13,17	2,82	13,02	2,84	12,87	2,87	12,79	2,88	12,72	2,90	12,57	2,92
	10,0	14,15	2,91	14,00	2,94	13,85	2,97	13,78	2,98	13,70	3,00	13,55	3,02
	15,0	15,38	3,04	15,23	3,06	15,08	3,09	15,00	3,10	14,93	3,12	14,78	3,14
1.5+2.5+4.2+6.0	-15,0	8,25	2,22	8,09	2,25	7,94	2,27	7,87	2,29	7,79	2,30	7,64	2,33
	-10,0	9,47	2,34	9,32	2,37	9,17	2,40	9,10	2,41	9,02	2,42	8,87	2,45
	-5,0	10,70	2,47	10,55	2,49	10,40	2,52	10,32	2,53	10,25	2,55	10,10	2,57
	0,0	11,93	2,59	11,78	2,62	11,63	2,64	11,55	2,66	11,48	2,67	11,33	2,70
	6,0	13,40	2,74	13,25	2,76	13,10	2,79	13,02	2,80	12,95	2,82	12,80	2,84
	10,0	14,38	2,83	14,23	2,86	14,08	2,89	14,01	2,90	13,93	2,92	13,78	2,94
	15,0	15,61	2,96	15,46	2,98	15,31	3,01	15,23	3,02	15,16	3,04	15,01	3,06
1.5+2.5+4.2+7.1	-15,0	8,29	2,21	8,13	2,24	7,98	2,26	7,91	2,28	7,83	2,29	7,68	2,32
	-10,0	9,51	2,33	9,36	2,36	9,21	2,39	9,14	2,40	9,06	2,41	8,91	2,44
	-5,0	10,74	2,46	10,59	2,48	10,44	2,51	10,36	2,52	10,29	2,54	10,14	2,56
	0,0	11,97	2,58	11,82	2,61	11,67	2,63	11,59	2,65	11,52	2,66	11,37	2,69
	6,0	13,44	2,73	13,29	2,75	13,14	2,78	13,06	2,79	12,99	2,81	12,84	2,83
	10,0	14,42	2,82	14,27	2,85	14,12	2,88	14,05	2,89	13,97	2,91	13,82	2,93
	15,0	15,65	2,95	15,50	2,97	15,35	3,00	15,27	3,01	15,20	3,03	15,05	3,05
1.5+2.5+5.0+5.0	-15,0	7,83	2,36	7,68	2,39	7,53	2,41	7,45	2,43	7,38	2,44	7,22	2,47
	-10,0	9,08	2,48	8,92	2,51	8,77	2,53	8,70	2,55	8,62	2,56	8,47	2,59
	-5,0	10,32	2,60	10,17	2,63	10,01	2,65	9,94	2,67	9,86	2,68	9,71	2,71
	0,0	11,56	2,72	11,41	2,75	11,26	2,78	11,18	2,79	11,11	2,80	10,95	2,83
	6,0	13,05	2,87	12,90	2,89	12,75	2,92	12,67	2,93	12,60	2,95	12,45	2,97
	10,0	14,05	2,96	13,90	2,99	13,74	3,02	13,67	3,03	13,59	3,04	13,44	3,07
	15,0	15,29	3,08	15,14	3,11	14,99	3,14	14,91	3,15	14,84	3,16	14,68	3,19

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+5.0+6.0	-15,0	7,97	2,31	7,82	2,34	7,67	2,36	7,59	2,38	7,52	2,39	7,36	2,42
	-10,0	9,22	2,43	9,06	2,46	8,91	2,48	8,84	2,50	8,76	2,51	8,61	2,54
	-5,0	10,46	2,55	10,31	2,58	10,15	2,60	10,08	2,62	10,00	2,63	9,85	2,66
	0,0	11,70	2,67	11,55	2,70	11,40	2,73	11,32	2,74	11,25	2,75	11,09	2,78
	6,0	13,19	2,82	13,04	2,84	12,89	2,87	12,81	2,88	12,74	2,90	12,59	2,92
	10,0	14,19	2,91	14,04	2,94	13,88	2,97	13,81	2,98	13,73	2,99	13,58	3,02
	15,0	15,43	3,03	15,28	3,06	15,13	3,09	15,05	3,10	14,98	3,11	14,82	3,14
1.5+3.5+3.5+3.5	-15,0	7,90	2,35	7,75	2,38	7,61	2,41	7,53	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,48	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,52	2,59
	-5,0	10,33	2,60	10,18	2,63	10,03	2,66	9,96	2,67	9,88	2,68	9,74	2,71
	0,0	11,54	2,73	11,39	2,75	11,24	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,15	14,81	3,17	14,73	3,18	14,59	3,21
1.5+3.5+3.5+4.2	-15,0	7,91	2,35	7,76	2,38	7,62	2,41	7,54	2,42	7,47	2,43	7,32	2,46
	-10,0	9,13	2,48	8,98	2,50	8,83	2,53	8,76	2,54	8,68	2,56	8,53	2,59
	-5,0	10,34	2,60	10,19	2,63	10,04	2,66	9,97	2,67	9,89	2,68	9,75	2,71
	0,0	11,55	2,73	11,40	2,75	11,25	2,78	11,18	2,79	11,11	2,81	10,96	2,83
	6,0	13,01	2,88	12,86	2,90	12,71	2,93	12,64	2,94	12,56	2,96	12,41	2,98
	10,0	13,98	2,98	13,83	3,00	13,68	3,03	13,61	3,04	13,53	3,06	13,38	3,08
	15,0	15,19	3,10	15,04	3,13	14,89	3,15	14,82	3,17	14,74	3,18	14,60	3,21
1.5+3.5+3.5+5.0	-15,0	8,01	2,30	7,86	2,33	7,71	2,35	7,63	2,37	7,56	2,38	7,41	2,41
	-10,0	9,24	2,42	9,09	2,45	8,94	2,47	8,86	2,49	8,79	2,50	8,64	2,53
	-5,0	10,47	2,55	10,32	2,57	10,17	2,60	10,09	2,61	10,02	2,63	9,87	2,65
	0,0	11,70	2,67	11,55	2,70	11,40	2,72	11,32	2,74	11,25	2,75	11,10	2,78
	6,0	13,17	2,82	13,02	2,84	12,87	2,87	12,79	2,88	12,72	2,90	12,57	2,92
	10,0	14,15	2,91	14,00	2,94	13,85	2,97	13,78	2,98	13,70	3,00	13,55	3,02
	15,0	15,38	3,04	15,23	3,06	15,08	3,09	15,01	3,10	14,93	3,12	14,78	3,14
1.5+3.5+3.5+6.0	-15,0	8,24	2,22	8,09	2,25	7,94	2,27	7,86	2,29	7,79	2,30	7,64	2,33
	-10,0	9,47	2,34	9,32	2,37	9,17	2,39	9,09	2,41	9,02	2,42	8,87	2,45
	-5,0	10,70	2,47	10,55	2,49	10,40	2,52	10,32	2,53	10,25	2,55	10,10	2,57
	0,0	11,93	2,59	11,78	2,62	11,63	2,64	11,55	2,66	11,48	2,67	11,33	2,70
	6,0	13,40	2,74	13,25	2,76	13,10	2,79	13,02	2,80	12,95	2,82	12,80	2,84
	10,0	14,38	2,83	14,23	2,86	14,08	2,89	14,01	2,90	13,93	2,92	13,78	2,94
	15,0	15,61	2,96	15,46	2,98	15,31	3,01	15,24	3,02	15,16	3,04	15,01	3,06
1.5+3.5+3.5+7.1	-15,0	8,28	2,21	8,13	2,24	7,98	2,26	7,90	2,28	7,83	2,29	7,68	2,32
	-10,0	9,51	2,33	9,36	2,36	9,21	2,38	9,13	2,40	9,06	2,41	8,91	2,44
	-5,0	10,74	2,46	10,59	2,48	10,44	2,51	10,36	2,52	10,29	2,54	10,14	2,56
	0,0	11,97	2,58	11,82	2,61	11,67	2,63	11,59	2,65	11,52	2,66	11,37	2,69
	6,0	13,44	2,73	13,29	2,75	13,14	2,78	13,06	2,79	12,99	2,81	12,84	2,83
	10,0	14,42	2,82	14,27	2,85	14,12	2,88	14,05	2,89	13,97	2,91	13,82	2,93
	15,0	15,65	2,95	15,50	2,97	15,35	3,00	15,28	3,01	15,20	3,03	15,05	3,05

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104197

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+3.5+4.2+4.2	-15,0	7,92	2,34	7,77	2,37	7,63	2,40	7,55	2,41	7,48	2,42	7,33	2,45
	-10,0	9,14	2,47	8,99	2,49	8,84	2,52	8,77	2,53	8,69	2,55	8,54	2,58
	-5,0	10,35	2,59	10,20	2,62	10,05	2,65	9,98	2,66	9,90	2,67	9,76	2,70
	0,0	11,56	2,72	11,41	2,74	11,26	2,77	11,19	2,78	11,12	2,80	10,97	2,82
	6,0	13,02	2,87	12,87	2,89	12,72	2,92	12,65	2,93	12,57	2,95	12,42	2,97
	10,0	13,99	2,97	13,84	2,99	13,69	3,02	13,62	3,03	13,54	3,05	13,39	3,07
	15,0	15,20	3,09	15,05	3,12	14,90	3,14	14,83	3,16	14,75	3,17	14,61	3,20
1.5+3.5+4.2+5.0	-15,0	8,02	2,30	7,87	2,33	7,72	2,35	7,64	2,37	7,57	2,38	7,42	2,41
	-10,0	9,25	2,42	9,10	2,45	8,95	2,47	8,87	2,49	8,80	2,50	8,65	2,53
	-5,0	10,48	2,55	10,33	2,57	10,18	2,60	10,10	2,61	10,03	2,63	9,88	2,65
	0,0	11,71	2,67	11,56	2,70	11,41	2,72	11,33	2,74	11,26	2,75	11,11	2,78
	6,0	13,18	2,82	13,03	2,84	12,88	2,87	12,80	2,88	12,73	2,90	12,58	2,92
	10,0	14,16	2,91	14,01	2,94	13,86	2,97	13,79	2,98	13,71	3,00	13,56	3,02
	15,0	15,39	3,04	15,24	3,06	15,09	3,09	15,02	3,10	14,94	3,12	14,79	3,14
1.5+3.5+4.2+6.0	-15,0	8,25	2,22	8,10	2,25	7,95	2,27	7,87	2,29	7,80	2,30	7,65	2,33
	-10,0	9,48	2,34	9,33	2,37	9,18	2,39	9,10	2,41	9,03	2,42	8,88	2,45
	-5,0	10,71	2,47	10,56	2,49	10,41	2,52	10,33	2,53	10,26	2,55	10,11	2,57
	0,0	11,94	2,59	11,79	2,62	11,64	2,64	11,56	2,66	11,49	2,67	11,34	2,70
	6,0	13,41	2,74	13,26	2,76	13,11	2,79	13,03	2,80	12,96	2,82	12,81	2,84
	10,0	14,39	2,83	14,24	2,86	14,09	2,89	14,02	2,90	13,94	2,92	13,79	2,94
	15,0	15,62	2,96	15,47	2,98	15,32	3,01	15,25	3,02	15,17	3,04	15,02	3,06
1.5+3.5+5.0+5.0	-15,0	8,10	2,27	7,95	2,30	7,80	2,32	7,72	2,34	7,65	2,35	7,49	2,38
	-10,0	9,35	2,39	9,19	2,42	9,04	2,44	8,97	2,46	8,89	2,47	8,74	2,50
	-5,0	10,59	2,51	10,44	2,54	10,28	2,56	10,21	2,58	10,13	2,59	9,98	2,62
	0,0	11,83	2,63	11,68	2,66	11,53	2,69	11,45	2,70	11,38	2,71	11,22	2,74
	6,0	13,32	2,78	13,17	2,80	13,02	2,83	12,94	2,84	12,87	2,86	12,72	2,88
	10,0	14,32	2,87	14,17	2,90	14,01	2,93	13,94	2,94	13,86	2,95	13,71	2,98
	15,0	15,56	2,99	15,41	3,02	15,26	3,05	15,18	3,06	15,11	3,07	14,95	3,10
1.5+4.2+4.2+4.2	-15,0	7,93	2,34	7,78	2,37	7,64	2,40	7,56	2,41	7,49	2,42	7,34	2,45
	-10,0	9,15	2,47	9,00	2,49	8,85	2,52	8,78	2,53	8,70	2,55	8,55	2,58
	-5,0	10,36	2,59	10,21	2,62	10,06	2,65	9,99	2,66	9,91	2,67	9,77	2,70
	0,0	11,57	2,72	11,42	2,74	11,27	2,77	11,20	2,78	11,13	2,80	10,98	2,82
	6,0	13,03	2,87	12,88	2,89	12,73	2,92	12,66	2,93	12,58	2,95	12,43	2,97
	10,0	14,00	2,97	13,85	2,99	13,70	3,02	13,63	3,03	13,55	3,05	13,40	3,07
	15,0	15,21	3,09	15,06	3,12	14,91	3,14	14,84	3,16	14,76	3,17	14,62	3,20
1.5+4.2+4.2+5.0	-15,0	8,03	2,29	7,88	2,32	7,73	2,34	7,65	2,36	7,58	2,37	7,43	2,40
	-10,0	9,26	2,41	9,11	2,44	8,96	2,46	8,88	2,48	8,81	2,49	8,66	2,52
	-5,0	10,49	2,54	10,34	2,56	10,19	2,59	10,11	2,60	10,04	2,62	9,89	2,64
	0,0	11,72	2,66	11,57	2,69	11,42	2,71	11,34	2,73	11,27	2,74	11,12	2,77
	6,0	13,19	2,81	13,04	2,83	12,89	2,86	12,81	2,87	12,74	2,89	12,59	2,91
	10,0	14,17	2,90	14,02	2,93	13,87	2,96	13,80	2,97	13,72	2,99	13,57	3,01
	15,0	15,40	3,03	15,25	3,05	15,10	3,08	15,03	3,09	14,95	3,11	14,80	3,13

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+2.0	-15,0	7,49	2,13	7,35	2,16	7,21	2,18	7,14	2,20	7,07	2,21	6,93	2,23
	-10,0	8,64	2,25	8,50	2,27	8,36	2,30	8,29	2,31	8,22	2,32	8,08	2,35
	-5,0	9,79	2,36	9,65	2,39	9,51	2,41	9,44	2,42	9,37	2,43	9,23	2,46
	0,0	10,94	2,47	10,80	2,50	10,66	2,52	10,59	2,54	10,52	2,55	10,38	2,57
	6,0	12,32	2,61	12,18	2,64	12,04	2,66	11,97	2,67	11,90	2,68	11,76	2,71
	10,0	13,24	2,70	13,10	2,73	12,96	2,75	12,89	2,76	12,82	2,78	12,68	2,80
	15,0	14,39	2,81	14,25	2,84	14,11	2,86	14,04	2,88	13,97	2,89	13,83	2,91
2.0+2.0+2.0+2.5	-15,0	7,49	2,13	7,35	2,16	7,21	2,18	7,14	2,20	7,07	2,21	6,93	2,23
	-10,0	8,64	2,25	8,50	2,27	8,36	2,30	8,29	2,31	8,22	2,32	8,08	2,35
	-5,0	9,79	2,36	9,65	2,39	9,51	2,41	9,44	2,42	9,37	2,43	9,23	2,46
	0,0	10,94	2,47	10,80	2,50	10,66	2,52	10,59	2,54	10,52	2,55	10,38	2,57
	6,0	12,32	2,61	12,18	2,64	12,04	2,66	11,97	2,67	11,90	2,68	11,76	2,71
	10,0	13,24	2,70	13,10	2,73	12,96	2,75	12,89	2,76	12,82	2,78	12,68	2,80
	15,0	14,39	2,81	14,25	2,84	14,11	2,86	14,04	2,88	13,97	2,89	13,83	2,91
2.0+2.0+2.0+3.5	-15,0	7,90	2,36	7,75	2,39	7,60	2,41	7,53	2,43	7,45	2,44	7,30	2,47
	-10,0	9,11	2,48	8,96	2,51	8,81	2,54	8,74	2,55	8,66	2,57	8,52	2,59
	-5,0	10,32	2,61	10,17	2,61	10,04	2,66	9,95	2,68	9,88	2,69	9,73	2,72
	0,0	11,53	2,73	11,38	2,76	11,24	2,79	11,16	2,80	11,09	2,82	10,94	2,84
	6,0	12,99	2,89	12,84	2,91	12,69	2,94	12,62	2,95	12,54	2,97	12,39	2,99
	10,0	13,96	2,99	13,81	3,01	13,66	3,04	13,59	3,05	13,51	3,07	13,36	3,09
	15,0	15,17	3,11	15,02	3,14	14,87	3,17	14,80	3,18	14,72	3,19	14,57	3,22
2.0+2.0+2.0+4.2	-15,0	7,91	2,35	7,76	2,38	7,61	2,40	7,54	2,42	7,46	2,43	7,31	2,46
	-10,0	9,12	2,47	8,97	2,50	8,82	2,53	8,75	2,54	8,67	2,56	8,53	2,58
	-5,0	10,33	2,60	10,18	2,60	10,05	2,65	9,96	2,67	9,89	2,68	9,74	2,71
	0,0	11,54	2,72	11,39	2,75	11,25	2,78	11,17	2,79	11,10	2,81	10,95	2,83
	6,0	13,00	2,88	12,85	2,90	12,70	2,93	12,63	2,94	12,55	2,96	12,40	2,98
	10,0	13,97	2,98	13,82	3,00	13,67	3,03	13,60	3,04	13,52	3,06	13,37	3,08
	15,0	15,18	3,10	15,03	3,13	14,88	3,16	14,81	3,17	14,73	3,18	14,58	3,21
2.0+2.0+2.0+5.0	-15,0	7,99	2,31	7,84	2,34	7,69	2,36	7,61	2,38	7,54	2,39	7,39	2,42
	-10,0	9,22	2,43	9,07	2,46	8,92	2,49	8,84	2,50	8,77	2,51	8,62	2,54
	-5,0	10,44	2,56	10,29	2,58	10,14	2,61	10,07	2,62	9,99	2,64	9,84	2,66
	0,0	11,67	2,68	11,52	2,71	11,37	2,73	11,29	2,75	11,22	2,77	11,07	2,79
	6,0	13,14	2,83	12,99	2,85	12,84	2,88	12,77	2,89	12,69	2,91	12,54	2,93
	10,0	14,12	2,92	13,97	2,95	13,82	2,98	13,75	2,99	13,67	3,01	13,52	3,03
	15,0	15,35	3,05	15,20	3,07	15,05	3,10	14,97	3,12	14,90	3,13	14,75	3,16
2.0+2.0+2.0+6.0	-15,0	8,23	2,23	8,08	2,26	7,93	2,28	7,85	2,30	7,78	2,31	7,63	2,34
	-10,0	9,46	2,35	9,31	2,38	9,16	2,41	9,08	2,42	9,01	2,43	8,86	2,46
	-5,0	10,68	2,48	10,53	2,50	10,38	2,53	10,31	2,54	10,23	2,56	10,08	2,58
	0,0	11,91	2,60	11,76	2,63	11,61	2,65	11,53	2,67	11,46	2,69	11,31	2,71
	6,0	13,38	2,75	13,23	2,77	13,08	2,80	13,01	2,81	12,93	2,83	12,78	2,85
	10,0	14,36	2,84	14,21	2,87	14,06	2,90	13,99	2,91	13,91	2,93	13,76	2,95
	15,0	15,59	2,97	15,44	2,99	15,29	3,02	15,21	3,04	15,14	3,05	14,99	3,08

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104198

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1,5	-15,0	2,05	1,05	2,00	1,06	1,94	1,07	1,91	1,08	1,88	1,08	1,82	1,10
	-10,0	2,53	1,10	2,47	1,12	2,41	1,13	2,38	1,13	2,35	1,14	2,30	1,15
	-5,0	3,00	1,16	2,94	1,17	2,89	1,18	2,86	1,19	2,83	1,20	2,77	1,21
	0,0	3,48	1,22	3,42	1,23	3,36	1,24	3,33	1,25	3,30	1,25	3,24	1,27
	6,0	4,05	1,29	3,99	1,30	3,93	1,31	3,90	1,31	3,87	1,32	3,81	1,33
	10,0	4,43	1,33	4,37	1,34	4,31	1,34	4,28	1,35	4,25	1,37	4,19	1,38
	15,0	4,90	1,39	4,84	1,40	4,78	1,41	4,75	1,42	4,65	1,39	4,36	1,29
2,0	-15,0	2,49	1,11	2,44	1,12	2,38	1,13	2,35	1,14	2,32	1,14	2,26	1,16
	-10,0	2,97	1,16	2,91	1,18	2,85	1,19	2,82	1,19	2,79	1,20	2,74	1,21
	-5,0	3,44	1,22	3,38	1,23	3,33	1,24	3,30	1,25	3,27	1,26	3,21	1,27
	0,0	3,92	1,28	3,86	1,29	3,80	1,30	3,77	1,31	3,74	1,31	3,68	1,33
	6,0	4,49	1,35	4,43	1,36	4,37	1,37	4,34	1,37	4,31	1,38	4,25	1,39
	10,0	4,87	1,39	4,81	1,40	4,75	1,40	4,72	1,41	4,69	1,43	4,63	1,44
	15,0	5,34	1,45	5,28	1,46	5,22	1,47	5,19	1,48	5,09	1,45	4,80	1,35
2,5	-15,0	2,96	1,21	2,91	1,22	2,85	1,23	2,82	1,24	2,79	1,24	2,73	1,26
	-10,0	3,44	1,26	3,38	1,28	3,32	1,29	3,29	1,29	3,26	1,30	3,21	1,31
	-5,0	3,91	1,32	3,85	1,33	3,80	1,34	3,77	1,35	3,74	1,36	3,68	1,37
	0,0	4,39	1,38	4,33	1,39	4,27	1,40	4,24	1,41	4,21	1,41	4,15	1,43
	6,0	4,96	1,45	4,90	1,46	4,84	1,47	4,81	1,47	4,78	1,48	4,72	1,49
	10,0	5,34	1,49	5,28	1,50	5,22	1,50	5,19	1,51	5,16	1,53	5,10	1,54
	15,0	5,81	1,55	5,75	1,56	5,69	1,57	5,66	1,58	5,56	1,55	5,27	1,45
3,5	-15,0	3,03	1,56	2,96	1,58	2,89	1,59	2,85	1,60	2,82	1,61	2,75	1,63
	-10,0	3,60	1,64	3,53	1,66	3,46	1,67	3,43	1,68	3,39	1,69	3,32	1,71
	-5,0	4,18	1,72	4,11	1,74	4,04	1,75	4,01	1,76	3,97	1,77	3,90	1,79
	0,0	4,76	1,80	4,69	1,82	4,62	1,83	4,58	1,84	4,55	1,85	4,48	1,87
	6,0	5,45	1,89	5,38	1,91	5,31	1,93	5,24	1,91	5,09	1,85	4,79	1,71
	10,0	5,91	1,96	5,68	1,88	5,38	1,76	5,28	1,70	5,22	1,64	5,07	1,52
	15,0	5,98	1,76	5,70	1,65	5,58	1,55	5,48	1,50	5,36	1,45	5,19	1,34
4,2	-15,0	3,88	1,69	3,81	1,71	3,74	1,72	3,70	1,73	3,67	1,74	3,60	1,76
	-10,0	4,45	1,77	4,38	1,79	4,31	1,80	4,28	1,81	4,24	1,82	4,17	1,84
	-5,0	5,03	1,85	4,96	1,87	4,89	1,88	4,86	1,89	4,82	1,90	4,75	1,92
	0,0	5,61	1,93	5,54	1,95	5,47	1,96	5,43	1,97	5,40	1,98	5,33	2,00
	6,0	6,30	2,02	6,23	2,04	6,16	2,06	6,09	2,04	5,94	1,98	5,64	1,84
	10,0	6,76	2,09	6,53	2,01	6,23	1,89	6,13	1,83	6,07	1,77	5,92	1,65
	15,0	6,83	1,89	6,55	1,78	6,43	1,68	6,33	1,63	6,21	1,58	6,04	1,47
5,0	-15,0	5,93	2,81	5,82	2,83	5,72	2,85	5,67	2,86	5,62	2,87	5,52	2,90
	-10,0	6,76	2,91	6,66	2,93	6,56	2,95	6,51	2,96	6,46	2,98	6,35	3,00
	-5,0	7,60	3,01	7,50	3,03	7,40	3,06	7,35	3,07	7,26	3,05	6,93	2,90
	0,0	8,25	2,99	7,92	2,87	7,59	2,74	7,43	2,68	7,41	2,62	7,36	2,50
	6,0	8,75	2,59	8,35	2,49	7,75	2,39	7,68	2,34	7,59	2,29	7,51	2,19
	10,0	9,13	2,40	8,74	2,31	7,88	2,23	7,75	2,18	7,64	2,14	7,60	2,05
	15,0	9,37	2,22	9,11	2,14	7,98	2,06	7,91	2,03	7,78	1,99	7,72	1,91

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
6,0	-15,0	7,05	3,28	6,94	3,30	6,84	3,32	6,79	3,33	6,74	3,34	6,64	3,37
	-10,0	7,88	3,38	7,78	3,40	7,68	3,42	7,63	3,43	7,58	3,45	7,47	3,47
	-5,0	8,72	3,48	8,62	3,50	8,52	3,53	8,47	3,54	8,38	3,52	8,05	3,37
	0,0	9,37	3,46	9,04	3,34	8,71	3,21	8,55	3,15	8,53	3,09	8,48	2,97
	6,0	9,87	3,06	9,47	2,96	8,87	2,86	8,80	2,81	8,71	2,76	8,63	2,66
	10,0	10,25	2,87	9,86	2,78	9,00	2,70	8,87	2,65	8,76	2,61	8,72	2,52
	15,0	10,49	2,69	10,23	2,61	9,10	2,53	9,03	2,50	8,90	2,46	8,84	2,38
7,1	-15,0	7,56	3,43	7,45	3,45	7,35	3,47	7,30	3,48	7,25	3,49	7,15	3,52
	-10,0	8,39	3,53	8,29	3,55	8,19	3,57	8,14	3,58	8,09	3,60	7,98	3,62
	-5,0	9,23	3,63	9,13	3,65	9,03	3,68	8,98	3,69	8,89	3,67	8,56	3,52
	0,0	9,88	3,61	9,55	3,49	9,22	3,36	9,06	3,30	9,04	3,24	8,99	3,12
	6,0	10,38	3,21	9,98	3,11	9,38	3,01	9,31	2,96	9,22	2,91	9,14	2,81
	10,0	10,76	3,02	10,37	2,93	9,51	2,85	9,38	2,80	9,27	2,76	9,23	2,67
	15,0	11,00	2,84	10,74	2,76	9,61	2,68	9,54	2,65	9,41	2,61	9,35	2,53
1.5+1.5	-15,0	2,92	1,06	2,83	1,08	2,73	1,10	2,68	1,10	2,64	1,11	2,54	1,13
	-10,0	3,69	1,14	3,60	1,16	3,50	1,17	3,46	1,18	3,41	1,19	3,32	1,21
	-5,0	4,47	1,22	4,37	1,23	4,28	1,25	4,23	1,26	4,18	1,27	4,09	1,28
	0,0	5,24	1,29	5,15	1,31	5,05	1,33	5,00	1,34	4,96	1,34	4,86	1,36
	6,0	6,17	1,39	6,07	1,40	5,98	1,42	5,93	1,43	5,89	1,44	5,79	1,45
	10,0	6,79	1,45	6,69	1,46	6,60	1,48	6,55	1,49	6,50	1,50	6,41	1,52
	15,0	7,56	1,52	7,47	1,54	7,37	1,56	7,32	1,57	7,28	1,58	7,18	1,59
1.5+2.0	-15,0	2,92	1,06	2,83	1,08	2,73	1,10	2,68	1,10	2,64	1,11	2,54	1,13
	-10,0	3,69	1,14	3,60	1,16	3,50	1,17	3,46	1,18	3,41	1,19	3,32	1,21
	-5,0	4,47	1,22	4,37	1,23	4,28	1,25	4,23	1,26	4,18	1,27	4,09	1,28
	0,0	5,24	1,29	5,15	1,31	5,05	1,33	5,00	1,34	4,96	1,34	4,86	1,36
	6,0	6,17	1,39	6,07	1,40	5,98	1,42	5,93	1,43	5,89	1,44	5,79	1,45
	10,0	6,79	1,45	6,69	1,46	6,60	1,48	6,55	1,49	6,50	1,50	6,41	1,52
	15,0	7,56	1,52	7,47	1,54	7,37	1,56	7,32	1,57	7,28	1,58	7,18	1,59
1.5+2.5	-15,0	4,70	1,65	4,61	1,67	4,51	1,69	4,46	1,69	4,42	1,70	4,32	1,72
	-10,0	5,47	1,73	5,38	1,75	5,28	1,76	5,24	1,77	5,19	1,78	5,10	1,80
	-5,0	6,25	1,81	6,15	1,82	6,06	1,84	6,01	1,85	5,96	1,86	5,87	1,87
	0,0	7,02	1,88	6,93	1,90	6,83	1,92	6,78	1,93	6,74	1,93	6,64	1,95
	6,0	7,95	1,98	7,85	1,99	7,76	2,01	7,71	2,02	7,67	2,03	7,57	2,04
	10,0	8,57	2,04	8,47	2,05	8,38	2,07	8,33	2,08	8,28	2,09	8,19	2,11
	15,0	9,34	2,11	9,25	2,13	9,15	2,15	9,10	2,16	9,06	2,17	8,96	2,18
1.5+3.5	-15,0	3,95	1,64	3,83	1,67	3,71	1,69	3,66	1,70	3,60	1,72	3,48	1,74
	-10,0	4,91	1,76	4,80	1,79	4,68	1,81	4,62	1,83	4,56	1,84	4,44	1,87
	-5,0	5,88	1,88	5,76	1,91	5,64	1,93	5,58	1,95	5,52	1,96	5,41	1,99
	0,0	6,84	2,00	6,72	2,03	6,60	2,05	6,55	2,07	6,49	2,08	6,37	2,11
	6,0	8,00	2,15	7,88	2,17	7,76	2,20	7,70	2,21	7,64	2,23	7,52	2,25
	10,0	8,77	2,24	8,65	2,27	8,53	2,30	8,47	2,31	8,41	2,32	8,27	2,33
	15,0	9,73	2,36	9,61	2,39	9,44	2,38	9,15	2,24	8,86	2,10	8,29	1,84

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104178A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+7.1	-15,0	6,71	2,19	6,56	2,22	6,41	2,24	6,33	2,26	6,26	2,27	6,11	2,30
	-10,0	7,94	2,31	7,79	2,34	7,64	2,37	7,56	2,38	7,49	2,39	7,34	2,42
	-5,0	9,16	2,44	9,01	2,46	8,86	2,49	8,79	2,50	8,71	2,52	8,56	2,54
	0,0	10,39	2,56	10,24	2,59	10,09	2,61	10,01	2,63	9,94	2,65	9,79	2,67
	6,0	11,86	2,71	11,71	2,73	11,56	2,76	11,49	2,77	11,41	2,79	11,26	2,81
	10,0	12,84	2,80	12,69	2,83	12,54	2,86	12,47	2,87	12,39	2,89	12,24	2,91
	15,0	14,07	2,93	13,92	2,95	13,77	2,98	13,69	3,00	13,62	3,01	13,47	3,04
2.0+2.0+2.5+2.5	-15,0	6,60	2,39	6,46	2,42	6,32	2,44	6,25	2,46	6,18	2,47	6,04	2,49
	-10,0	7,75	2,51	7,61	2,53	7,47	2,56	7,40	2,57	7,33	2,58	7,19	2,61
	-5,0	8,90	2,62	8,76	2,65	8,62	2,67	8,55	2,68	8,48	2,69	8,34	2,72
	0,0	10,05	2,73	9,91	2,76	9,77	2,78	9,70	2,80	9,63	2,81	9,49	2,83
	6,0	11,43	2,87	11,29	2,90	11,15	2,92	11,08	2,93	11,01	2,94	10,87	2,97
	10,0	12,35	2,96	12,21	2,99	12,07	3,01	12,00	3,02	11,93	3,04	11,79	3,06
	15,0	13,50	3,07	13,36	3,10	13,22	3,12	13,15	3,14	13,08	3,15	12,94	3,17
2.0+2.0+2.5+3.5	-15,0	6,37	2,34	6,22	2,37	6,07	2,39	6,00	2,41	5,92	2,42	5,77	2,45
	-10,0	7,58	2,46	7,43	2,49	7,28	2,52	7,21	2,53	7,13	2,55	6,99	2,57
	-5,0	8,79	2,59	8,64	2,59	8,51	2,64	8,42	2,66	8,35	2,67	8,20	2,70
	0,0	10,00	2,71	9,85	2,74	9,71	2,77	9,63	2,78	9,56	2,80	9,41	2,82
	6,0	11,46	2,87	11,31	2,89	11,16	2,92	11,09	2,93	11,01	2,95	10,86	2,97
	10,0	12,43	2,97	12,28	2,99	12,13	3,02	12,06	3,03	11,98	3,05	11,83	3,07
	15,0	13,64	3,09	13,49	3,12	13,34	3,15	13,27	3,16	13,19	3,17	13,04	3,20
2.0+2.0+2.5+4.2	-15,0	6,38	2,33	6,23	2,36	6,08	2,38	6,01	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,45	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	7,00	2,56
	-5,0	8,80	2,58	8,65	2,58	8,52	2,63	8,43	2,65	8,36	2,66	8,21	2,69
	0,0	10,01	2,70	9,86	2,73	9,72	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,14	13,28	3,15	13,20	3,16	13,05	3,19
2.0+2.0+2.5+5.0	-15,0	6,44	2,30	6,29	2,33	6,14	2,35	6,06	2,37	5,99	2,38	5,84	2,41
	-10,0	7,67	2,42	7,52	2,45	7,37	2,48	7,29	2,49	7,22	2,50	7,07	2,53
	-5,0	8,89	2,55	8,74	2,57	8,59	2,60	8,52	2,61	8,44	2,63	8,29	2,65
	0,0	10,12	2,67	9,97	2,70	9,82	2,72	9,74	2,74	9,67	2,76	9,52	2,78
	6,0	11,59	2,82	11,44	2,84	11,29	2,87	11,22	2,88	11,14	2,90	10,99	2,92
	10,0	12,57	2,91	12,42	2,94	12,27	2,97	12,20	2,98	12,12	3,00	11,97	3,02
	15,0	13,80	3,04	13,65	3,06	13,50	3,09	13,42	3,11	13,35	3,12	13,20	3,15
2.0+2.0+2.5+6.0	-15,0	6,68	2,21	6,53	2,24	6,38	2,26	6,30	2,28	6,23	2,29	6,08	2,32
	-10,0	7,91	2,33	7,76	2,36	7,61	2,39	7,53	2,40	7,46	2,41	7,31	2,44
	-5,0	9,13	2,46	8,98	2,48	8,83	2,51	8,76	2,52	8,68	2,54	8,53	2,56
	0,0	10,36	2,58	10,21	2,61	10,06	2,63	9,98	2,65	9,91	2,67	9,76	2,69
	6,0	11,83	2,73	11,68	2,75	11,53	2,78	11,46	2,79	11,38	2,81	11,23	2,83
	10,0	12,81	2,82	12,66	2,85	12,51	2,88	12,44	2,89	12,36	2,91	12,21	2,93
	15,0	14,04	2,95	13,89	2,97	13,74	3,00	13,66	3,02	13,59	3,03	13,44	3,06

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.5+7.1	-15,0	6,71	2,19	6,56	2,22	6,41	2,24	6,33	2,26	6,26	2,27	6,11	2,30
	-10,0	7,94	2,31	7,79	2,34	7,64	2,37	7,56	2,38	7,49	2,39	7,34	2,42
	-5,0	9,16	2,44	9,01	2,46	8,86	2,49	8,79	2,50	8,71	2,52	8,56	2,54
	0,0	10,39	2,56	10,24	2,59	10,09	2,61	10,01	2,63	9,94	2,65	9,79	2,67
	6,0	11,86	2,71	11,71	2,73	11,56	2,76	11,49	2,77	11,41	2,79	11,26	2,81
	10,0	12,84	2,80	12,69	2,83	12,54	2,86	12,47	2,87	12,39	2,89	12,24	2,91
	15,0	14,07	2,93	13,92	2,95	13,77	2,98	13,69	3,00	13,62	3,01	13,47	3,04
2.0+2.0+3.5+3.5	-15,0	6,37	2,33	6,22	2,36	6,08	2,39	6,00	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,46	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	6,99	2,57
	-5,0	8,80	2,58	8,65	2,61	8,50	2,64	8,43	2,65	8,35	2,66	8,21	2,69
	0,0	10,01	2,71	9,86	2,73	9,71	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,13	13,28	3,15	13,20	3,16	13,06	3,19
2.0+2.0+3.5+4.2	-15,0	6,37	2,33	6,22	2,36	6,08	2,39	6,00	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,46	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	6,99	2,57
	-5,0	8,80	2,58	8,65	2,61	8,50	2,64	8,43	2,65	8,35	2,66	8,21	2,69
	0,0	10,01	2,71	9,86	2,73	9,71	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,13	13,28	3,15	13,20	3,16	13,06	3,19
2.0+2.0+3.5+5.0	-15,0	6,45	2,29	6,29	2,32	6,14	2,34	6,07	2,36	5,99	2,37	5,84	2,40
	-10,0	7,67	2,41	7,52	2,44	7,37	2,47	7,30	2,48	7,22	2,49	7,07	2,52
	-5,0	8,90	2,54	8,75	2,56	8,60	2,59	8,52	2,60	8,45	2,62	8,30	2,64
	0,0	10,13	2,66	9,98	2,69	9,83	2,71	9,75	2,73	9,68	2,74	9,53	2,77
	6,0	11,60	2,81	11,45	2,83	11,30	2,86	11,22	2,87	11,15	2,89	11,00	2,91
	10,0	12,58	2,90	12,43	2,93	12,28	2,96	12,21	2,97	12,13	2,99	11,98	3,01
	15,0	13,81	3,03	13,66	3,05	13,51	3,08	13,43	3,09	13,36	3,11	13,21	3,13
2.0+2.0+3.5+6.0	-15,0	6,69	2,20	6,53	2,23	6,38	2,25	6,31	2,27	6,23	2,28	6,08	2,31
	-10,0	7,91	2,32	7,76	2,35	7,61	2,38	7,54	2,39	7,46	2,40	7,31	2,43
	-5,0	9,14	2,45	8,99	2,47	8,84	2,50	8,76	2,51	8,69	2,53	8,54	2,55
	0,0	10,37	2,57	10,22	2,60	10,07	2,62	9,99	2,64	9,92	2,65	9,77	2,68
	6,0	11,84	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,24	2,82
	10,0	12,82	2,81	12,67	2,84	12,52	2,87	12,45	2,88	12,37	2,90	12,22	2,92
	15,0	14,05	2,94	13,90	2,96	13,75	2,99	13,67	3,00	13,60	3,02	13,45	3,04
2.0+2.0+3.5+7.1	-15,0	6,73	2,19	6,57	2,22	6,42	2,24	6,35	2,26	6,27	2,27	6,12	2,30
	-10,0	7,95	2,31	7,80	2,34	7,65	2,37	7,58	2,38	7,50	2,39	7,35	2,42
	-5,0	9,18	2,44	9,03	2,46	8,88	2,49	8,80	2,50	8,73	2,52	8,58	2,54
	0,0	10,41	2,56	10,26	2,59	10,11	2,61	10,03	2,63	9,96	2,64	9,81	2,67
	6,0	11,88	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,28	2,81
	10,0	12,86	2,80	12,71	2,83	12,56	2,86	12,49	2,87	12,41	2,89	12,26	2,91
	15,0	14,09	2,93	13,94	2,95	13,79	2,98	13,71	2,99	13,64	3,01	13,49	3,03

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104242A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+4.2+4.2	-15,0	6,38	2,33	6,23	2,36	6,09	2,39	6,01	2,40	5,94	2,41	5,79	2,44
	-10,0	7,60	2,46	7,45	2,48	7,30	2,51	7,23	2,52	7,15	2,54	7,00	2,57
	-5,0	8,81	2,58	8,66	2,61	8,51	2,64	8,44	2,65	8,36	2,66	8,22	2,69
	0,0	10,02	2,71	9,87	2,73	9,72	2,76	9,65	2,77	9,58	2,79	9,43	2,81
	6,0	11,48	2,86	11,33	2,88	11,18	2,91	11,11	2,92	11,03	2,94	10,88	2,96
	10,0	12,45	2,96	12,30	2,98	12,15	3,01	12,08	3,02	12,00	3,04	11,85	3,06
	15,0	13,66	3,08	13,51	3,11	13,36	3,13	13,29	3,15	13,21	3,16	13,07	3,19
2.0+2.0+4.2+5.0	-15,0	6,47	2,29	6,31	2,32	6,16	2,34	6,09	2,36	6,01	2,37	5,86	2,40
	-10,0	7,69	2,41	7,54	2,44	7,39	2,47	7,32	2,48	7,24	2,49	7,09	2,52
	-5,0	8,92	2,54	8,77	2,56	8,62	2,59	8,54	2,60	8,47	2,62	8,32	2,64
	0,0	10,15	2,66	10,00	2,69	9,85	2,71	9,77	2,73	9,70	2,74	9,55	2,77
	6,0	11,62	2,81	11,47	2,83	11,32	2,86	11,24	2,87	11,17	2,89	11,02	2,91
	10,0	12,60	2,90	12,45	2,93	12,30	2,96	12,23	2,97	12,15	2,99	12,00	3,01
	15,0	13,83	3,03	13,68	3,05	13,53	3,08	13,45	3,09	13,38	3,11	13,23	3,13
2.0+2.0+4.2+6.0	-15,0	6,70	2,20	6,54	2,23	6,39	2,25	6,32	2,27	6,24	2,28	6,09	2,31
	-10,0	7,92	2,32	7,77	2,35	7,62	2,38	7,55	2,39	7,47	2,40	7,32	2,43
	-5,0	9,15	2,45	9,00	2,47	8,85	2,50	8,77	2,51	8,70	2,53	8,55	2,55
	0,0	10,38	2,57	10,23	2,60	10,08	2,62	10,00	2,64	9,93	2,65	9,78	2,68
	6,0	11,85	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,25	2,82
	10,0	12,83	2,81	12,68	2,84	12,53	2,87	12,46	2,88	12,38	2,90	12,23	2,92
	15,0	14,06	2,94	13,91	2,96	13,76	2,99	13,68	3,00	13,61	3,02	13,46	3,04
2.0+2.0+4.2+7.1	-15,0	6,74	2,19	6,58	2,22	6,43	2,24	6,36	2,26	6,28	2,27	6,13	2,30
	-10,0	7,96	2,31	7,81	2,34	7,66	2,37	7,59	2,38	7,51	2,39	7,36	2,42
	-5,0	9,19	2,44	9,04	2,46	8,89	2,49	8,81	2,50	8,74	2,52	8,59	2,54
	0,0	10,42	2,56	10,27	2,59	10,12	2,61	10,04	2,63	9,97	2,64	9,82	2,67
	6,0	11,89	2,71	11,74	2,73	11,59	2,76	11,51	2,77	11,44	2,79	11,29	2,81
	10,0	12,87	2,80	12,72	2,83	12,57	2,86	12,50	2,87	12,42	2,89	12,27	2,91
	15,0	14,10	2,93	13,95	2,95	13,80	2,98	13,72	2,99	13,65	3,01	13,50	3,03
2.0+2.0+5.0+5.0	-15,0	6,53	2,25	6,38	2,28	6,23	2,30	6,15	2,32	6,08	2,33	5,92	2,36
	-10,0	7,78	2,37	7,62	2,40	7,47	2,42	7,40	2,44	7,32	2,45	7,17	2,48
	-5,0	9,02	2,49	8,87	2,52	8,71	2,54	8,64	2,56	8,56	2,57	8,41	2,60
	0,0	10,26	2,61	10,11	2,64	9,96	2,67	9,88	2,68	9,81	2,69	9,65	2,72
	6,0	11,75	2,76	11,60	2,78	11,45	2,81	11,37	2,82	11,30	2,84	11,15	2,86
	10,0	12,75	2,85	12,60	2,88	12,44	2,91	12,37	2,92	12,29	2,93	12,14	2,96
	15,0	13,99	2,97	13,84	3,00	13,69	3,03	13,61	3,04	13,54	3,05	13,38	3,08
2.0+2.0+5.0+6.0	-15,0	6,76	2,22	6,61	2,25	6,46	2,27	6,38	2,29	6,31	2,30	6,15	2,33
	-10,0	8,01	2,34	7,85	2,37	7,70	2,39	7,63	2,41	7,55	2,42	7,40	2,45
	-5,0	9,25	2,46	9,10	2,49	8,94	2,51	8,87	2,53	8,79	2,54	8,64	2,57
	0,0	10,49	2,58	10,34	2,61	10,19	2,64	10,11	2,65	10,04	2,66	9,88	2,69
	6,0	11,98	2,73	11,83	2,75	11,68	2,78	11,60	2,79	11,53	2,81	11,38	2,83
	10,0	12,98	2,82	12,83	2,85	12,67	2,88	12,60	2,89	12,52	2,90	12,37	2,93
	15,0	14,22	2,94	14,07	2,97	13,92	3,00	13,84	3,01	13,77	3,02	13,61	3,05

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+2.5+2.5	-15,0	6,60	2,39	6,46	2,42	6,32	2,44	6,25	2,46	6,18	2,47	6,04	2,49
	-10,0	7,75	2,51	7,61	2,53	7,47	2,56	7,40	2,57	7,33	2,58	7,19	2,61
	-5,0	8,90	2,62	8,76	2,65	8,62	2,67	8,55	2,68	8,48	2,69	8,34	2,72
	0,0	10,05	2,73	9,91	2,76	9,77	2,78	9,70	2,80	9,63	2,81	9,49	2,83
	6,0	11,43	2,87	11,29	2,90	11,15	2,92	11,08	2,93	11,01	2,94	10,87	2,97
	10,0	12,35	2,96	12,21	2,99	12,07	3,01	12,00	3,02	11,93	3,04	11,79	3,06
	15,0	13,50	3,07	13,36	3,10	13,22	3,12	13,15	3,14	13,08	3,15	12,94	3,17
2.0+2.5+2.5+3.5	-15,0	6,37	2,34	6,22	2,37	6,07	2,39	6,00	2,41	5,92	2,42	5,77	2,45
	-10,0	7,58	2,46	7,43	2,49	7,28	2,52	7,21	2,53	7,13	2,55	6,99	2,57
	-5,0	8,79	2,59	8,64	2,59	8,51	2,64	8,42	2,66	8,35	2,67	8,20	2,70
	0,0	10,00	2,71	9,85	2,74	9,71	2,77	9,63	2,78	9,56	2,80	9,41	2,82
	6,0	11,46	2,87	11,31	2,89	11,16	2,92	11,09	2,93	11,01	2,95	10,86	2,97
	10,0	12,43	2,97	12,28	2,99	12,13	3,02	12,06	3,03	11,98	3,05	11,83	3,07
	15,0	13,64	3,09	13,49	3,12	13,34	3,15	13,27	3,16	13,19	3,17	13,04	3,20
2.0+2.5+2.5+4.2	-15,0	6,38	2,33	6,23	2,36	6,08	2,38	6,01	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,45	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	7,00	2,56
	-5,0	8,80	2,58	8,65	2,58	8,52	2,63	8,43	2,65	8,36	2,66	8,21	2,69
	0,0	10,01	2,70	9,86	2,73	9,72	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,14	13,28	3,15	13,20	3,16	13,05	3,19
2.0+2.5+2.5+5.0	-15,0	6,44	2,30	6,29	2,33	6,14	2,35	6,06	2,37	5,99	2,38	5,84	2,41
	-10,0	7,67	2,42	7,52	2,45	7,37	2,48	7,29	2,49	7,22	2,50	7,07	2,53
	-5,0	8,89	2,55	8,74	2,57	8,59	2,60	8,52	2,61	8,44	2,63	8,29	2,65
	0,0	10,12	2,67	9,97	2,70	9,82	2,72	9,74	2,74	9,67	2,76	9,52	2,78
	6,0	11,59	2,82	11,44	2,84	11,29	2,87	11,22	2,88	11,14	2,90	10,99	2,92
	10,0	12,57	2,91	12,42	2,94	12,27	2,97	12,20	2,98	12,12	3,00	11,97	3,02
	15,0	13,80	3,04	13,65	3,06	13,50	3,09	13,42	3,11	13,35	3,12	13,20	3,15
2.0+2.5+2.5+6.0	-15,0	6,68	2,21	6,53	2,24	6,38	2,26	6,30	2,28	6,23	2,29	6,08	2,32
	-10,0	7,91	2,33	7,76	2,36	7,61	2,39	7,53	2,40	7,46	2,41	7,31	2,44
	-5,0	9,13	2,46	8,98	2,48	8,83	2,51	8,76	2,52	8,68	2,54	8,53	2,56
	0,0	10,36	2,58	10,21	2,61	10,06	2,63	9,98	2,65	9,91	2,67	9,76	2,69
	6,0	11,83	2,73	11,68	2,75	11,53	2,78	11,46	2,79	11,38	2,81	11,23	2,83
	10,0	12,81	2,82	12,66	2,85	12,51	2,88	12,44	2,89	12,36	2,91	12,21	2,93
	15,0	14,04	2,95	13,89	2,97	13,74	3,00	13,66	3,02	13,59	3,03	13,44	3,06
2.0+2.5+2.5+7.1	-15,0	6,71	2,19	6,56	2,22	6,41	2,24	6,33	2,26	6,26	2,27	6,11	2,30
	-10,0	7,94	2,31	7,79	2,34	7,64	2,37	7,56	2,38	7,49	2,39	7,34	2,42
	-5,0	9,16	2,44	9,01	2,46	8,86	2,49	8,79	2,50	8,71	2,52	8,56	2,54
	0,0	10,39	2,56	10,24	2,59	10,09	2,61	10,01	2,63	9,94	2,65	9,79	2,67
	6,0	11,86	2,71	11,71	2,73	11,56	2,76	11,49	2,77	11,41	2,79	11,26	2,81
	10,0	12,84	2,80	12,69	2,83	12,54	2,86	12,47	2,87	12,39	2,89	12,24	2,91
	15,0	14,07	2,93	13,92	2,95	13,77	2,98	13,69	3,00	13,62	3,01	13,47	3,04

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104243A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+3.5+3.5	-15,0	6,37	2,33	6,22	2,36	6,08	2,39	6,00	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,46	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	6,99	2,57
	-5,0	8,80	2,58	8,65	2,61	8,50	2,64	8,43	2,65	8,35	2,66	8,21	2,69
	0,0	10,01	2,71	9,86	2,73	9,71	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,13	13,28	3,15	13,20	3,16	13,06	3,19
2.0+2.5+3.5+4.2	-15,0	6,37	2,33	6,22	2,36	6,08	2,39	6,00	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,46	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	6,99	2,57
	-5,0	8,80	2,58	8,65	2,61	8,50	2,64	8,43	2,65	8,35	2,66	8,21	2,69
	0,0	10,01	2,71	9,86	2,73	9,71	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,13	13,28	3,15	13,20	3,16	13,06	3,19
2.0+2.5+3.5+5.0	-15,0	6,45	2,29	6,29	2,32	6,14	2,34	6,07	2,36	5,99	2,37	5,84	2,40
	-10,0	7,67	2,41	7,52	2,44	7,37	2,47	7,30	2,48	7,22	2,49	7,07	2,52
	-5,0	8,90	2,54	8,75	2,56	8,60	2,59	8,52	2,60	8,45	2,62	8,30	2,64
	0,0	10,13	2,66	9,98	2,69	9,83	2,71	9,75	2,73	9,68	2,74	9,53	2,77
	6,0	11,60	2,81	11,45	2,83	11,30	2,86	11,22	2,87	11,15	2,89	11,00	2,91
	10,0	12,58	2,90	12,43	2,93	12,28	2,96	12,21	2,97	12,13	2,99	11,98	3,01
	15,0	13,81	3,03	13,66	3,05	13,51	3,08	13,43	3,09	13,36	3,11	13,21	3,13
2.0+2.5+3.5+6.0	-15,0	6,69	2,20	6,53	2,23	6,38	2,25	6,31	2,27	6,23	2,28	6,08	2,31
	-10,0	7,91	2,32	7,76	2,35	7,61	2,38	7,54	2,39	7,46	2,40	7,31	2,43
	-5,0	9,14	2,45	8,99	2,47	8,84	2,50	8,76	2,51	8,69	2,53	8,54	2,55
	0,0	10,37	2,57	10,22	2,60	10,07	2,62	9,99	2,64	9,92	2,65	9,77	2,68
	6,0	11,84	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,24	2,82
	10,0	12,82	2,81	12,67	2,84	12,52	2,87	12,45	2,88	12,37	2,90	12,22	2,92
	15,0	14,05	2,94	13,90	2,96	13,75	2,99	13,67	3,00	13,60	3,02	13,45	3,04
2.0+2.5+3.5+7.1	-15,0	6,73	2,19	6,57	2,22	6,42	2,24	6,35	2,26	6,27	2,27	6,12	2,30
	-10,0	7,95	2,31	7,80	2,34	7,65	2,37	7,58	2,38	7,50	2,39	7,35	2,42
	-5,0	9,18	2,44	9,03	2,46	8,88	2,49	8,80	2,50	8,73	2,52	8,58	2,54
	0,0	10,41	2,56	10,26	2,59	10,11	2,61	10,03	2,63	9,96	2,64	9,81	2,67
	6,0	11,88	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,28	2,81
	10,0	12,86	2,80	12,71	2,83	12,56	2,86	12,49	2,87	12,41	2,89	12,26	2,91
	15,0	14,09	2,93	13,94	2,95	13,79	2,98	13,71	2,99	13,64	3,01	13,49	3,03
2.0+2.5+4.2+4.2	-15,0	6,38	2,33	6,23	2,36	6,09	2,39	6,01	2,40	5,94	2,41	5,79	2,44
	-10,0	7,60	2,46	7,45	2,48	7,30	2,51	7,23	2,52	7,15	2,54	7,00	2,57
	-5,0	8,81	2,58	8,66	2,61	8,51	2,64	8,44	2,65	8,36	2,66	8,22	2,69
	0,0	10,02	2,71	9,87	2,73	9,72	2,76	9,65	2,77	9,58	2,79	9,43	2,81
	6,0	11,48	2,86	11,33	2,88	11,18	2,91	11,11	2,92	11,03	2,94	10,88	2,96
	10,0	12,45	2,96	12,30	2,98	12,15	3,01	12,08	3,02	12,00	3,04	11,85	3,06
	15,0	13,66	3,08	13,51	3,11	13,36	3,13	13,29	3,15	13,21	3,16	13,07	3,19

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+4.2+5.0	-15,0	6,47	2,29	6,31	2,32	6,16	2,34	6,09	2,36	6,01	2,37	5,86	2,40
	-10,0	7,69	2,41	7,54	2,44	7,39	2,47	7,32	2,48	7,24	2,49	7,09	2,52
	-5,0	8,92	2,54	8,77	2,56	8,62	2,59	8,54	2,60	8,47	2,62	8,32	2,64
	0,0	10,15	2,66	10,00	2,69	9,85	2,71	9,77	2,73	9,70	2,74	9,55	2,77
	6,0	11,62	2,81	11,47	2,83	11,32	2,86	11,24	2,87	11,17	2,89	11,02	2,91
	10,0	12,60	2,90	12,45	2,93	12,30	2,96	12,23	2,97	12,15	2,99	12,00	3,01
	15,0	13,83	3,03	13,68	3,05	13,53	3,08	13,45	3,09	13,38	3,11	13,23	3,13
2.0+2.5+4.2+6.0	-15,0	6,70	2,20	6,54	2,23	6,39	2,25	6,32	2,27	6,24	2,28	6,09	2,31
	-10,0	7,92	2,32	7,77	2,35	7,62	2,38	7,55	2,39	7,47	2,40	7,32	2,43
	-5,0	9,15	2,45	9,00	2,47	8,85	2,50	8,77	2,51	8,70	2,53	8,55	2,55
	0,0	10,38	2,57	10,23	2,60	10,08	2,62	10,00	2,64	9,93	2,65	9,78	2,68
	6,0	11,85	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,25	2,82
	10,0	12,83	2,81	12,68	2,84	12,53	2,87	12,46	2,88	12,38	2,90	12,23	2,92
	15,0	14,06	2,94	13,91	2,96	13,76	2,99	13,68	3,00	13,61	3,02	13,46	3,04
2.0+2.5+5.0+5.0	-15,0	6,53	2,25	6,38	2,28	6,23	2,30	6,15	2,32	6,08	2,33	5,92	2,36
	-10,0	7,78	2,37	7,62	2,40	7,47	2,42	7,40	2,44	7,32	2,45	7,17	2,48
	-5,0	9,02	2,49	8,87	2,52	8,71	2,54	8,64	2,56	8,56	2,57	8,41	2,60
	0,0	10,26	2,61	10,11	2,64	9,96	2,67	9,88	2,68	9,81	2,69	9,65	2,72
	6,0	11,75	2,76	11,60	2,78	11,45	2,81	11,37	2,82	11,30	2,84	11,15	2,86
	10,0	12,75	2,85	12,60	2,88	12,44	2,91	12,37	2,92	12,29	2,93	12,14	2,96
	15,0	13,99	2,97	13,84	3,00	13,69	3,03	13,61	3,04	13,54	3,05	13,38	3,08
2.0+2.5+5.0+6.0	-15,0	6,76	2,22	6,61	2,25	6,46	2,27	6,38	2,29	6,31	2,30	6,15	2,33
	-10,0	8,01	2,34	7,85	2,37	7,70	2,39	7,63	2,41	7,55	2,42	7,40	2,45
	-5,0	9,25	2,46	9,10	2,49	8,94	2,51	8,87	2,53	8,79	2,54	8,64	2,57
	0,0	10,49	2,58	10,34	2,61	10,19	2,64	10,11	2,65	10,04	2,66	9,88	2,69
	6,0	11,98	2,73	11,83	2,75	11,68	2,78	11,60	2,79	11,53	2,81	11,38	2,83
	10,0	12,98	2,82	12,83	2,85	12,67	2,88	12,60	2,89	12,52	2,90	12,37	2,93
	15,0	14,22	2,94	14,07	2,97	13,92	3,00	13,84	3,01	13,77	3,02	13,61	3,05
2.0+3.5+3.5+3.5	-15,0	6,37	2,33	6,22	2,36	6,08	2,39	6,00	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,46	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	6,99	2,57
	-5,0	8,80	2,58	8,65	2,61	8,50	2,64	8,43	2,65	8,35	2,66	8,21	2,69
	0,0	10,01	2,71	9,86	2,73	9,71	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,13	13,28	3,15	13,20	3,16	13,06	3,19
2.0+3.5+3.5+4.2	-15,0	6,38	2,33	6,23	2,36	6,09	2,39	6,01	2,40	5,94	2,41	5,79	2,44
	-10,0	7,60	2,46	7,45	2,48	7,30	2,51	7,23	2,52	7,15	2,54	7,00	2,57
	-5,0	8,81	2,58	8,66	2,61	8,51	2,64	8,44	2,65	8,36	2,66	8,22	2,69
	0,0	10,02	2,71	9,87	2,73	9,72	2,76	9,65	2,77	9,58	2,79	9,43	2,81
	6,0	11,48	2,86	11,33	2,88	11,18	2,91	11,11	2,92	11,03	2,94	10,88	2,96
	10,0	12,45	2,96	12,30	2,98	12,15	3,01	12,08	3,02	12,00	3,04	11,85	3,06
	15,0	13,66	3,08	13,51	3,11	13,36	3,13	13,29	3,15	13,21	3,16	13,07	3,19

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104245A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+3.5+3.5+5.0	-15,0	6,46	2,29	6,31	2,32	6,16	2,34	6,08	2,36	6,01	2,37	5,86	2,40
	-10,0	7,69	2,41	7,54	2,44	7,39	2,46	7,31	2,48	7,24	2,49	7,09	2,52
	-5,0	8,92	2,54	8,77	2,56	8,62	2,59	8,54	2,60	8,47	2,62	8,32	2,64
	0,0	10,15	2,66	10,00	2,69	9,85	2,71	9,77	2,73	9,70	2,74	9,55	2,77
	6,0	11,62	2,81	11,47	2,83	11,32	2,86	11,24	2,87	11,17	2,89	11,02	2,91
	10,0	12,60	2,90	12,45	2,93	12,30	2,96	12,23	2,97	12,15	2,99	12,00	3,01
	15,0	13,83	3,03	13,68	3,05	13,53	3,08	13,46	3,09	13,38	3,11	13,23	3,13
2.0+3.5+3.5+6.0	-15,0	6,69	2,20	6,54	2,23	6,39	2,25	6,31	2,27	6,24	2,28	6,09	2,31
	-10,0	7,92	2,32	7,77	2,35	7,62	2,37	7,54	2,39	7,47	2,40	7,32	2,43
	-5,0	9,15	2,45	9,00	2,47	8,85	2,50	8,77	2,51	8,70	2,53	8,55	2,55
	0,0	10,38	2,57	10,23	2,60	10,08	2,62	10,00	2,64	9,93	2,65	9,78	2,68
	6,0	11,85	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,25	2,82
	10,0	12,83	2,81	12,68	2,84	12,53	2,87	12,46	2,88	12,38	2,90	12,23	2,92
	15,0	14,06	2,94	13,91	2,96	13,76	2,99	13,69	3,00	13,61	3,02	13,46	3,04
2.0+3.5+4.2+4.2	-15,0	6,39	2,32	6,24	2,35	6,10	2,38	6,02	2,39	5,95	2,40	5,80	2,43
	-10,0	7,61	2,45	7,46	2,47	7,31	2,50	7,24	2,51	7,16	2,53	7,01	2,56
	-5,0	8,82	2,57	8,67	2,60	8,52	2,63	8,45	2,64	8,37	2,65	8,23	2,68
	0,0	10,03	2,70	9,88	2,72	9,73	2,75	9,66	2,76	9,59	2,78	9,44	2,80
	6,0	11,49	2,85	11,34	2,87	11,19	2,90	11,12	2,91	11,04	2,93	10,89	2,95
	10,0	12,46	2,95	12,31	2,97	12,16	3,00	12,09	3,01	12,01	3,03	11,86	3,05
	15,0	13,67	3,07	13,52	3,10	13,37	3,12	13,30	3,14	13,22	3,15	13,08	3,18
2.0+3.5+4.2+5.0	-15,0	6,47	2,29	6,32	2,32	6,17	2,34	6,09	2,36	6,02	2,37	5,87	2,40
	-10,0	7,70	2,41	7,55	2,44	7,40	2,46	7,32	2,48	7,25	2,49	7,10	2,52
	-5,0	8,93	2,54	8,78	2,56	8,63	2,59	8,55	2,60	8,48	2,62	8,33	2,64
	0,0	10,16	2,66	10,01	2,69	9,86	2,71	9,78	2,73	9,71	2,74	9,56	2,77
	6,0	11,63	2,81	11,48	2,83	11,33	2,86	11,25	2,87	11,18	2,89	11,03	2,91
	10,0	12,61	2,90	12,46	2,93	12,31	2,96	12,24	2,97	12,16	2,99	12,01	3,01
	15,0	13,84	3,03	13,69	3,05	13,54	3,08	13,47	3,09	13,39	3,11	13,24	3,13
2.0+3.5+5.0+5.0	-15,0	6,53	2,25	6,38	2,28	6,23	2,30	6,15	2,32	6,08	2,33	5,92	2,36
	-10,0	7,78	2,37	7,62	2,40	7,47	2,42	7,40	2,44	7,32	2,45	7,17	2,48
	-5,0	9,02	2,49	8,87	2,52	8,71	2,54	8,64	2,56	8,56	2,57	8,41	2,60
	0,0	10,26	2,61	10,11	2,64	9,96	2,67	9,88	2,68	9,81	2,69	9,65	2,72
	6,0	11,75	2,76	11,60	2,78	11,45	2,81	11,37	2,82	11,30	2,84	11,15	2,86
	10,0	12,75	2,85	12,60	2,88	12,44	2,91	12,37	2,92	12,29	2,93	12,14	2,96
	15,0	13,99	2,97	13,84	3,00	13,69	3,03	13,61	3,04	13,54	3,05	13,38	3,08
2.0+4.2+4.2+4.2	-15,0	6,40	2,32	6,25	2,35	6,11	2,38	6,03	2,39	5,96	2,40	5,81	2,43
	-10,0	7,62	2,45	7,47	2,47	7,32	2,50	7,25	2,51	7,17	2,53	7,02	2,56
	-5,0	8,83	2,57	8,68	2,60	8,53	2,63	8,46	2,64	8,38	2,65	8,24	2,68
	0,0	10,04	2,70	9,89	2,72	9,74	2,75	9,67	2,76	9,60	2,78	9,45	2,80
	6,0	11,50	2,85	11,35	2,87	11,20	2,90	11,13	2,91	11,05	2,93	10,90	2,95
	10,0	12,47	2,95	12,32	2,97	12,17	3,00	12,10	3,01	12,02	3,03	11,87	3,05
	15,0	13,68	3,07	13,53	3,10	13,38	3,12	13,31	3,14	13,23	3,15	13,09	3,18

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+4.2+4.2+5.0	-15,0	6,48	2,28	6,33	2,31	6,18	2,33	6,10	2,35	6,03	2,36	5,88	2,39
	-10,0	7,71	2,40	7,56	2,43	7,41	2,45	7,33	2,47	7,26	2,48	7,11	2,51
	-5,0	8,94	2,53	8,79	2,55	8,64	2,58	8,56	2,59	8,49	2,61	8,34	2,63
	0,0	10,17	2,65	10,02	2,68	9,87	2,70	9,79	2,72	9,72	2,73	9,57	2,76
	6,0	11,64	2,80	11,49	2,82	11,34	2,85	11,26	2,86	11,19	2,88	11,04	2,90
	10,0	12,62	2,89	12,47	2,92	12,32	2,95	12,25	2,96	12,17	2,98	12,02	3,00
	15,0	13,85	3,02	13,70	3,04	13,55	3,07	13,48	3,08	13,40	3,10	13,25	3,12
2.5+2.5+2.5+2.5	-15,0	6,60	2,39	6,46	2,42	6,32	2,44	6,25	2,46	6,18	2,47	6,04	2,49
	-10,0	7,75	2,51	7,61	2,53	7,47	2,56	7,40	2,57	7,33	2,58	7,19	2,61
	-5,0	8,90	2,62	8,76	2,65	8,62	2,67	8,55	2,68	8,48	2,69	8,34	2,72
	0,0	10,05	2,73	9,91	2,76	9,77	2,78	9,70	2,80	9,63	2,81	9,49	2,83
	6,0	11,43	2,87	11,29	2,90	11,15	2,92	11,08	2,93	11,01	2,94	10,87	2,97
	10,0	12,35	2,96	12,21	2,99	12,07	3,01	12,00	3,02	11,93	3,04	11,79	3,06
	15,0	13,50	3,07	13,36	3,10	13,22	3,12	13,15	3,14	13,08	3,15	12,94	3,17
2.5+2.5+2.5+3.5	-15,0	6,37	2,34	6,22	2,37	6,07	2,39	6,00	2,41	5,92	2,42	5,77	2,45
	-10,0	7,58	2,46	7,43	2,49	7,28	2,52	7,21	2,53	7,13	2,55	6,99	2,57
	-5,0	8,79	2,59	8,64	2,59	8,51	2,64	8,42	2,66	8,35	2,67	8,20	2,70
	0,0	10,00	2,71	9,85	2,74	9,71	2,77	9,63	2,78	9,56	2,80	9,41	2,82
	6,0	11,46	2,87	11,31	2,89	11,16	2,92	11,09	2,93	11,01	2,95	10,86	2,97
	10,0	12,43	2,97	12,28	2,99	12,13	3,02	12,06	3,03	11,98	3,05	11,83	3,07
	15,0	13,64	3,09	13,49	3,12	13,34	3,15	13,27	3,16	13,19	3,17	13,04	3,20
2.5+2.5+2.5+4.2	-15,0	6,38	2,33	6,23	2,36	6,08	2,38	6,01	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,45	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	7,00	2,56
	-5,0	8,80	2,58	8,65	2,58	8,52	2,63	8,43	2,65	8,36	2,66	8,21	2,69
	0,0	10,01	2,70	9,86	2,73	9,72	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,14	13,28	3,15	13,20	3,16	13,05	3,19
2.5+2.5+2.5+5.0	-15,0	6,44	2,30	6,29	2,33	6,14	2,35	6,06	2,37	5,99	2,38	5,84	2,41
	-10,0	7,67	2,42	7,52	2,45	7,37	2,48	7,29	2,49	7,22	2,50	7,07	2,53
	-5,0	8,89	2,55	8,74	2,57	8,59	2,60	8,52	2,61	8,44	2,63	8,29	2,65
	0,0	10,12	2,67	9,97	2,70	9,82	2,72	9,74	2,74	9,67	2,76	9,52	2,78
	6,0	11,59	2,82	11,44	2,84	11,29	2,87	11,22	2,88	11,14	2,90	10,99	2,92
	10,0	12,57	2,91	12,42	2,94	12,27	2,97	12,20	2,98	12,12	3,00	11,97	3,02
	15,0	13,80	3,04	13,65	3,06	13,50	3,09	13,42	3,11	13,35	3,12	13,20	3,15
2.5+2.5+2.5+6.0	-15,0	6,68	2,21	6,53	2,24	6,38	2,26	6,30	2,28	6,23	2,29	6,08	2,32
	-10,0	7,91	2,33	7,76	2,36	7,61	2,39	7,53	2,40	7,46	2,41	7,31	2,44
	-5,0	9,13	2,46	8,98	2,48	8,83	2,51	8,76	2,52	8,68	2,54	8,53	2,56
	0,0	10,36	2,58	10,21	2,61	10,06	2,63	9,98	2,65	9,91	2,67	9,76	2,69
	6,0	11,83	2,73	11,68	2,75	11,53	2,78	11,46	2,79	11,38	2,81	11,23	2,83
	10,0	12,81	2,82	12,66	2,85	12,51	2,88	12,44	2,89	12,36	2,91	12,21	2,93
	15,0	14,04	2,95	13,89	2,97	13,74	3,00	13,66	3,02	13,59	3,03	13,44	3,06

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104246A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+2.5+2.5+7.1	-15,0	6,71	2,19	6,56	2,22	6,41	2,24	6,33	2,26	6,26	2,27	6,11	2,30
	-10,0	7,94	2,31	7,79	2,34	7,64	2,37	7,56	2,38	7,49	2,39	7,34	2,42
	-5,0	9,16	2,44	9,01	2,46	8,86	2,49	8,79	2,50	8,71	2,52	8,56	2,54
	0,0	10,39	2,56	10,24	2,59	10,09	2,61	10,01	2,63	9,94	2,65	9,79	2,67
	6,0	11,86	2,71	11,71	2,73	11,56	2,76	11,49	2,77	11,41	2,79	11,26	2,81
	10,0	12,84	2,80	12,69	2,83	12,54	2,86	12,47	2,87	12,39	2,89	12,24	2,91
	15,0	14,07	2,93	13,92	2,95	13,77	2,98	13,69	3,00	13,62	3,01	13,47	3,04
2.5+2.5+3.5+3.5	-15,0	6,37	2,33	6,22	2,36	6,08	2,39	6,00	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,46	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	6,99	2,57
	-5,0	8,80	2,58	8,65	2,61	8,50	2,64	8,43	2,65	8,35	2,66	8,21	2,69
	0,0	10,01	2,71	9,86	2,73	9,71	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,13	13,28	3,15	13,20	3,16	13,06	3,19
2.5+2.5+3.5+4.2	-15,0	6,37	2,33	6,22	2,36	6,08	2,39	6,00	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,46	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	6,99	2,57
	-5,0	8,80	2,58	8,65	2,61	8,50	2,64	8,43	2,65	8,35	2,66	8,21	2,69
	0,0	10,01	2,71	9,86	2,73	9,71	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,13	13,28	3,15	13,20	3,16	13,06	3,19
2.5+2.5+3.5+5.0	-15,0	6,45	2,29	6,29	2,32	6,14	2,34	6,07	2,36	5,99	2,37	5,84	2,40
	-10,0	7,67	2,41	7,52	2,44	7,37	2,47	7,30	2,48	7,22	2,49	7,07	2,52
	-5,0	8,90	2,54	8,75	2,56	8,60	2,59	8,52	2,60	8,45	2,62	8,30	2,64
	0,0	10,13	2,66	9,98	2,69	9,83	2,71	9,75	2,73	9,68	2,74	9,53	2,77
	6,0	11,60	2,81	11,45	2,83	11,30	2,86	11,22	2,87	11,15	2,89	11,00	2,91
	10,0	12,58	2,90	12,43	2,93	12,28	2,96	12,21	2,97	12,13	2,99	11,98	3,01
	15,0	13,81	3,03	13,66	3,05	13,51	3,08	13,43	3,09	13,36	3,11	13,21	3,13
2.5+2.5+3.5+6.0	-15,0	6,69	2,20	6,53	2,23	6,38	2,25	6,31	2,27	6,23	2,28	6,08	2,31
	-10,0	7,91	2,32	7,76	2,35	7,61	2,38	7,54	2,39	7,46	2,40	7,31	2,43
	-5,0	9,14	2,45	8,99	2,47	8,84	2,50	8,76	2,51	8,69	2,53	8,54	2,55
	0,0	10,37	2,57	10,22	2,60	10,07	2,62	9,99	2,64	9,92	2,65	9,77	2,68
	6,0	11,84	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,24	2,82
	10,0	12,82	2,81	12,67	2,84	12,52	2,87	12,45	2,88	12,37	2,90	12,22	2,92
	15,0	14,05	2,94	13,90	2,96	13,75	2,99	13,67	3,00	13,60	3,02	13,45	3,04
2.5+2.5+3.5+7.1	-15,0	6,73	2,19	6,57	2,22	6,42	2,24	6,35	2,26	6,27	2,27	6,12	2,30
	-10,0	7,95	2,31	7,80	2,34	7,65	2,37	7,58	2,38	7,50	2,39	7,35	2,42
	-5,0	9,18	2,44	9,03	2,46	8,88	2,49	8,80	2,50	8,73	2,52	8,58	2,54
	0,0	10,41	2,56	10,26	2,59	10,11	2,61	10,03	2,63	9,96	2,64	9,81	2,67
	6,0	11,88	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,28	2,81
	10,0	12,86	2,80	12,71	2,83	12,56	2,86	12,49	2,87	12,41	2,89	12,26	2,91
	15,0	14,09	2,93	13,94	2,95	13,79	2,98	13,71	2,99	13,64	3,01	13,49	3,03

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+2.5+4.2+4.2	-15,0	6,38	2,33	6,23	2,36	6,09	2,39	6,01	2,40	5,94	2,41	5,79	2,44
	-10,0	7,60	2,46	7,45	2,48	7,30	2,51	7,23	2,52	7,15	2,54	7,00	2,57
	-5,0	8,81	2,58	8,66	2,61	8,51	2,64	8,44	2,65	8,36	2,66	8,22	2,69
	0,0	10,02	2,71	9,87	2,73	9,72	2,76	9,65	2,77	9,58	2,79	9,43	2,81
	6,0	11,48	2,86	11,33	2,88	11,18	2,91	11,11	2,92	11,03	2,94	10,88	2,96
	10,0	12,45	2,96	12,30	2,98	12,15	3,01	12,08	3,02	12,00	3,04	11,85	3,06
	15,0	13,66	3,08	13,51	3,11	13,36	3,13	13,29	3,15	13,21	3,16	13,07	3,19
2.5+2.5+4.2+5.0	-15,0	6,47	2,29	6,31	2,32	6,16	2,34	6,09	2,36	6,01	2,37	5,86	2,40
	-10,0	7,69	2,41	7,54	2,44	7,39	2,47	7,32	2,48	7,24	2,49	7,09	2,52
	-5,0	8,92	2,54	8,77	2,56	8,62	2,59	8,54	2,60	8,47	2,62	8,32	2,64
	0,0	10,15	2,66	10,00	2,69	9,85	2,71	9,77	2,73	9,70	2,74	9,55	2,77
	6,0	11,62	2,81	11,47	2,83	11,32	2,86	11,24	2,87	11,17	2,89	11,02	2,91
	10,0	12,60	2,90	12,45	2,93	12,30	2,96	12,23	2,97	12,15	2,99	12,00	3,01
	15,0	13,83	3,03	13,68	3,05	13,53	3,08	13,45	3,09	13,38	3,11	13,23	3,13
2.5+2.5+4.2+6.0	-15,0	6,70	2,20	6,54	2,23	6,39	2,25	6,32	2,27	6,24	2,28	6,09	2,31
	-10,0	7,92	2,32	7,77	2,35	7,62	2,38	7,55	2,39	7,47	2,40	7,32	2,43
	-5,0	9,15	2,45	9,00	2,47	8,85	2,50	8,77	2,51	8,70	2,53	8,55	2,55
	0,0	10,38	2,57	10,23	2,60	10,08	2,62	10,00	2,64	9,93	2,65	9,78	2,68
	6,0	11,85	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,25	2,82
	10,0	12,83	2,81	12,68	2,84	12,53	2,87	12,46	2,88	12,38	2,90	12,23	2,92
	15,0	14,06	2,94	13,91	2,96	13,76	2,99	13,68	3,00	13,61	3,02	13,46	3,04
2.5+2.5+5.0+5.0	-15,0	6,53	2,25	6,38	2,28	6,23	2,30	6,15	2,32	6,08	2,33	5,92	2,36
	-10,0	7,78	2,37	7,62	2,40	7,47	2,42	7,40	2,44	7,32	2,45	7,17	2,48
	-5,0	9,02	2,49	8,87	2,52	8,71	2,54	8,64	2,56	8,56	2,57	8,41	2,60
	0,0	10,26	2,61	10,11	2,64	9,96	2,67	9,88	2,68	9,81	2,69	9,65	2,72
	6,0	11,75	2,76	11,60	2,78	11,45	2,81	11,37	2,82	11,30	2,84	11,15	2,86
	10,0	12,75	2,85	12,60	2,88	12,44	2,91	12,37	2,92	12,29	2,93	12,14	2,96
	15,0	13,99	2,97	13,84	3,00	13,69	3,03	13,61	3,04	13,54	3,05	13,38	3,08
2.5+3.5+3.5+3.5	-15,0	6,37	2,33	6,22	2,36	6,08	2,39	6,00	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,46	7,44	2,48	7,29	2,51	7,22	2,52	7,14	2,54	6,99	2,57
	-5,0	8,80	2,58	8,65	2,61	8,50	2,64	8,43	2,65	8,35	2,66	8,21	2,69
	0,0	10,01	2,71	9,86	2,73	9,71	2,76	9,64	2,77	9,57	2,79	9,42	2,81
	6,0	11,47	2,86	11,32	2,88	11,17	2,91	11,10	2,92	11,02	2,94	10,87	2,96
	10,0	12,44	2,96	12,29	2,98	12,14	3,01	12,07	3,02	11,99	3,04	11,84	3,06
	15,0	13,65	3,08	13,50	3,11	13,35	3,13	13,28	3,15	13,20	3,16	13,06	3,19
2.5+3.5+3.5+4.2	-15,0	6,38	2,33	6,23	2,36	6,09	2,39	6,01	2,40	5,94	2,41	5,79	2,44
	-10,0	7,60	2,46	7,45	2,48	7,30	2,51	7,23	2,52	7,15	2,54	7,00	2,57
	-5,0	8,81	2,58	8,66	2,61	8,51	2,64	8,44	2,65	8,36	2,66	8,22	2,69
	0,0	10,02	2,71	9,87	2,73	9,72	2,76	9,65	2,77	9,58	2,79	9,43	2,81
	6,0	11,48	2,86	11,33	2,88	11,18	2,91	11,11	2,92	11,03	2,94	10,88	2,96
	10,0	12,45	2,96	12,30	2,98	12,15	3,01	12,08	3,02	12,00	3,04	11,85	3,06
	15,0	13,66	3,08	13,51	3,11	13,36	3,13	13,29	3,15	13,21	3,16	13,07	3,19

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104248A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+3.5+3.5+5.0	-15,0	6,46	2,29	6,31	2,32	6,16	2,34	6,08	2,36	6,01	2,37	5,86	2,40
	-10,0	7,69	2,41	7,54	2,44	7,39	2,46	7,31	2,48	7,24	2,49	7,09	2,52
	-5,0	8,92	2,54	8,77	2,56	8,62	2,59	8,54	2,60	8,47	2,62	8,32	2,64
	0,0	10,15	2,66	10,00	2,69	9,85	2,71	9,77	2,73	9,70	2,74	9,55	2,77
	6,0	11,62	2,81	11,47	2,83	11,32	2,86	11,24	2,87	11,17	2,89	11,02	2,91
	10,0	12,60	2,90	12,45	2,93	12,30	2,96	12,23	2,97	12,15	2,99	12,00	3,01
	15,0	13,83	3,03	13,68	3,05	13,53	3,08	13,46	3,09	13,38	3,11	13,23	3,13
2.5+3.5+3.5+6.0	-15,0	6,69	2,20	6,54	2,23	6,39	2,25	6,31	2,27	6,24	2,28	6,09	2,31
	-10,0	7,92	2,32	7,77	2,35	7,62	2,37	7,54	2,39	7,47	2,40	7,32	2,43
	-5,0	9,15	2,45	9,00	2,47	8,85	2,50	8,77	2,51	8,70	2,53	8,55	2,55
	0,0	10,38	2,57	10,23	2,60	10,08	2,62	10,00	2,64	9,93	2,65	9,78	2,68
	6,0	11,85	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,25	2,82
	10,0	12,83	2,81	12,68	2,84	12,53	2,87	12,46	2,88	12,38	2,90	12,23	2,92
	15,0	14,06	2,94	13,91	2,96	13,76	2,99	13,69	3,00	13,61	3,02	13,46	3,04
2.5+3.5+4.2+4.2	-15,0	6,39	2,32	6,24	2,35	6,10	2,38	6,02	2,39	5,95	2,40	5,80	2,43
	-10,0	7,61	2,45	7,46	2,47	7,31	2,50	7,24	2,51	7,16	2,53	7,01	2,56
	-5,0	8,82	2,57	8,67	2,60	8,52	2,63	8,45	2,64	8,37	2,65	8,23	2,68
	0,0	10,03	2,70	9,88	2,72	9,73	2,75	9,66	2,76	9,59	2,78	9,44	2,80
	6,0	11,49	2,85	11,34	2,87	11,19	2,90	11,12	2,91	11,04	2,93	10,89	2,95
	10,0	12,46	2,95	12,31	2,97	12,16	3,00	12,09	3,01	12,01	3,03	11,86	3,05
	15,0	13,67	3,07	13,52	3,10	13,37	3,12	13,30	3,14	13,22	3,15	13,08	3,18
2.5+3.5+4.2+5.0	-15,0	6,47	2,29	6,32	2,32	6,17	2,34	6,09	2,36	6,02	2,37	5,87	2,40
	-10,0	7,70	2,41	7,55	2,44	7,40	2,46	7,32	2,48	7,25	2,49	7,10	2,52
	-5,0	8,93	2,54	8,78	2,56	8,63	2,59	8,55	2,60	8,48	2,62	8,33	2,64
	0,0	10,16	2,66	10,01	2,69	9,86	2,71	9,78	2,73	9,71	2,74	9,56	2,77
	6,0	11,63	2,81	11,48	2,83	11,33	2,86	11,25	2,87	11,18	2,89	11,03	2,91
	10,0	12,61	2,90	12,46	2,93	12,31	2,96	12,24	2,97	12,16	2,99	12,01	3,01
	15,0	13,84	3,03	13,69	3,05	13,54	3,08	13,47	3,09	13,39	3,11	13,24	3,13
2.5+4.2+4.2+4.2	-15,0	6,40	2,32	6,25	2,35	6,11	2,38	6,03	2,39	5,96	2,40	5,81	2,43
	-10,0	7,62	2,45	7,47	2,47	7,32	2,50	7,25	2,51	7,17	2,53	7,02	2,56
	-5,0	8,83	2,57	8,68	2,60	8,53	2,63	8,46	2,64	8,38	2,65	8,24	2,68
	0,0	10,04	2,70	9,89	2,72	9,74	2,75	9,67	2,76	9,60	2,78	9,45	2,80
	6,0	11,50	2,85	11,35	2,87	11,20	2,90	11,13	2,91	11,05	2,93	10,90	2,95
	10,0	12,47	2,95	12,32	2,97	12,17	3,00	12,10	3,01	12,02	3,03	11,87	3,05
	15,0	13,68	3,07	13,53	3,10	13,38	3,12	13,31	3,14	13,23	3,15	13,09	3,18
3.5+3.5+3.5+5.0	-15,0	6,38	2,33	6,23	2,36	6,08	2,39	6,01	2,40	5,93	2,41	5,78	2,44
	-10,0	7,59	2,46	7,44	2,48	7,30	2,51	7,22	2,52	7,15	2,54	7,00	2,57
	-5,0	8,81	2,58	8,66	2,61	8,51	2,64	8,44	2,65	8,36	2,66	8,21	2,69
	0,0	10,02	2,71	9,87	2,73	9,72	2,76	9,65	2,77	9,57	2,79	9,43	2,81
	6,0	11,48	2,86	11,33	2,88	11,18	2,91	11,11	2,92	11,03	2,94	10,88	2,96
	10,0	12,45	2,96	12,30	2,98	12,15	3,01	12,08	3,02	12,00	3,04	11,85	3,06
	15,0	13,66	3,08	13,51	3,11	13,36	3,13	13,29	3,15	13,22	3,16	13,07	3,19

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+3.5+3.5+4.2	-15,0	6,39	2,32	6,24	2,35	6,09	2,38	6,02	2,39	5,94	2,40	5,79	2,43
	-10,0	7,60	2,45	7,45	2,47	7,31	2,50	7,23	2,51	7,16	2,53	7,01	2,56
	-5,0	8,82	2,57	8,67	2,60	8,52	2,63	8,45	2,64	8,37	2,65	8,22	2,68
	0,0	10,03	2,70	9,88	2,72	9,73	2,75	9,66	2,76	9,58	2,78	9,44	2,80
	6,0	11,49	2,85	11,34	2,87	11,19	2,90	11,12	2,91	11,04	2,93	10,89	2,95
	10,0	12,46	2,95	12,31	2,97	12,16	3,00	12,09	3,01	12,01	3,03	11,86	3,05
	15,0	13,67	3,07	13,52	3,10	13,37	3,12	13,30	3,14	13,23	3,15	13,08	3,18
3.5+3.5+3.5+5.0	-15,0	6,37	2,29	6,22	2,32	6,07	2,34	5,99	2,36	5,91	2,37	5,76	2,40
	-10,0	7,60	2,41	7,45	2,44	7,30	2,47	7,22	2,48	7,14	2,49	6,99	2,52
	-5,0	8,83	2,54	8,68	2,56	8,52	2,59	8,45	2,60	8,37	2,62	8,22	2,64
	0,0	10,06	2,66	9,90	2,69	9,75	2,71	9,68	2,73	9,60	2,74	9,45	2,77
	6,0	11,53	2,81	11,38	2,83	11,33	2,86	11,15	2,87	11,08	2,89	10,93	2,91
	10,0	12,51	2,90	12,36	2,93	12,21	2,96	12,14	2,97	12,06	2,99	11,91	3,01
	15,0	13,74	3,03	13,59	3,05	13,44	3,08	13,37	3,09	13,29	3,11	13,14	3,13
3.5+3.5+4.2+4.2	-15,0	6,40	2,32	6,25	2,35	6,10	2,38	6,03	2,39	5,95	2,40	5,80	2,43
	-10,0	7,61	2,45	7,46	2,47	7,32	2,50	7,24	2,51	7,17	2,53	7,02	2,56
	-5,0	8,83	2,57	8,68	2,60	8,53	2,63	8,46	2,64	8,38	2,65	8,23	2,68
	0,0	10,04	2,70	9,89	2,72	9,74	2,75	9,67	2,76	9,59	2,78	9,45	2,80
	6,0	11,50	2,85	11,35	2,87	11,20	2,90	11,13	2,91	11,05	2,93	10,90	2,95
	10,0	12,47	2,95	12,32	2,97	12,17	3,00	12,10	3,01	12,02	3,03	11,87	3,05
	15,0	13,68	3,07	13,53	3,10	13,38	3,12	13,31	3,14	13,24	3,15	13,09	3,18
1.5+1.5+1.5+1.5+1.5	-15,0	5,94	2,02	5,79	2,04	5,64	2,07	5,56	2,08	5,48	2,10	5,33	2,12
	-10,0	7,20	2,14	7,04	2,16	6,89	2,19	6,81	2,20	6,74	2,22	6,58	2,24
	-5,0	8,45	2,26	8,30	2,28	8,14	2,31	8,07	2,32	7,99	2,33	7,84	2,36
	0,0	9,70	2,38	9,55	2,40	9,40	2,43	9,32	2,44	9,24	2,45	9,09	2,48
	6,0	11,21	2,52	11,05	2,54	10,90	2,57	10,82	2,58	10,75	2,60	10,59	2,62
	10,0	12,21	2,61	12,06	2,64	11,90	2,67	11,83	2,68	11,75	2,69	11,60	2,72
	15,0	13,46	2,73	13,31	2,76	13,16	2,78	13,08	2,80	13,00	2,81	12,85	2,84
1.5+1.5+1.5+1.5+2.0	-15,0	5,94	2,02	5,79	2,04	5,64	2,07	5,56	2,08	5,48	2,10	5,33	2,12
	-10,0	7,20	2,14	7,04	2,16	6,89	2,19	6,81	2,20	6,74	2,22	6,58	2,24
	-5,0	8,45	2,26	8,30	2,28	8,14	2,31	8,07	2,32	7,99	2,33	7,84	2,36
	0,0	9,70	2,38	9,55	2,40	9,40	2,43	9,32	2,44	9,24	2,45	9,09	2,48
	6,0	11,21	2,52	11,05	2,54	10,90	2,57	10,82	2,58	10,75	2,60	10,59	2,62
	10,0	12,21	2,61	12,06	2,64	11,90	2,67	11,83	2,68	11,75	2,69	11,60	2,72
	15,0	13,46	2,73	13,31	2,76	13,16	2,78	13,08	2,80	13,00	2,81	12,85	2,84
1.5+1.5+1.5+1.5+2.5	-15,0	5,94	2,02	5,79	2,04	5,64	2,07	5,56	2,08	5,48	2,10	5,33	2,12
	-10,0	7,20	2,14	7,04	2,16	6,89	2,19	6,81	2,20	6,74	2,22	6,58	2,24
	-5,0	8,45	2,26	8,30	2,28	8,14	2,31	8,07	2,32	7,99	2,33	7,84	2,36
	0,0	9,70	2,38	9,55	2,40	9,40	2,43	9,32	2,44	9,24	2,45	9,09	2,48
	6,0	11,21	2,52	11,05	2,54	10,90	2,57	10,82	2,58	10,75	2,60	10,59	2,62
	10,0	12,21	2,61	12,06	2,64	11,90	2,67	11,83	2,68	11,75	2,69	11,60	2,72
	15,0	13,46	2,73	13,31	2,76	13,16	2,78	13,08	2,80	13,00	2,81	12,85	2,84

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104249A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+1.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+1.5+1.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+1.5+1.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05
1.5+1.5+1.5+1.5+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
1.5+1.5+1.5+1.5+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,55	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95
1.5+1.5+1.5+2.0+2.0	-15,0	5,94	2,02	5,79	2,04	5,64	2,07	5,56	2,08	5,48	2,10	5,33	2,12
	-10,0	7,20	2,14	7,04	2,16	6,89	2,19	6,81	2,20	6,74	2,22	6,58	2,24
	-5,0	8,45	2,26	8,30	2,28	8,14	2,31	8,07	2,32	7,99	2,33	7,84	2,36
	0,0	9,70	2,38	9,55	2,40	9,40	2,43	9,32	2,44	9,24	2,45	9,09	2,48
	6,0	11,21	2,52	11,05	2,54	10,90	2,57	10,82	2,58	10,75	2,60	10,59	2,62
	10,0	12,21	2,61	12,06	2,64	11,90	2,67	11,83	2,68	11,75	2,69	11,60	2,72
	15,0	13,46	2,73	13,31	2,76	13,16	2,78	13,08	2,80	13,00	2,81	12,85	2,84

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+2.0+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
1.5+1.5+1.5+2.0+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+1.5+2.0+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+1.5+2.0+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05
1.5+1.5+1.5+2.0+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
1.5+1.5+1.5+2.0+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,56	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104250A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+2.5+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
1.5+1.5+1.5+2.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+1.5+2.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+1.5+2.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05
1.5+1.5+1.5+2.5+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
1.5+1.5+1.5+2.5+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,55	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,35	2,58	10,20	2,60	10,05	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+1.5+3.5+4.2	-15,0	6,60	2,22	6,45	2,24	6,30	2,27	6,22	2,28	6,14	2,30	5,99	2,32
	-10,0	7,86	2,34	7,70	2,36	7,55	2,39	7,47	2,40	7,40	2,42	7,24	2,44
	-5,0	9,11	2,46	8,96	2,48	8,80	2,51	8,73	2,52	8,65	2,53	8,50	2,56
	0,0	10,36	2,58	10,21	2,60	10,06	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,12	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,66	3,01	13,51	3,04
1.5+1.5+1.5+3.5+5.0	-15,0	6,68	2,22	6,52	2,24	6,36	2,27	6,29	2,28	6,21	2,30	6,05	2,32
	-10,0	7,95	2,34	7,79	2,36	7,63	2,39	7,56	2,40	7,48	2,42	7,32	2,44
	-5,0	9,22	2,46	9,06	2,48	8,91	2,51	8,83	2,52	8,75	2,53	8,59	2,56
	0,0	10,49	2,58	10,33	2,60	10,18	2,63	10,10	2,64	10,02	2,65	9,86	2,68
	6,0	12,01	2,72	11,86	2,74	11,70	2,77	11,62	2,78	11,54	2,80	11,39	2,82
	10,0	13,03	2,81	12,87	2,84	12,72	2,87	12,64	2,88	12,56	2,89	12,41	2,92
	15,0	14,30	2,93	14,14	2,96	13,99	2,98	13,91	3,00	13,83	3,01	13,68	3,04
1.5+1.5+1.5+3.5+6.0	-15,0	6,92	2,14	6,76	2,16	6,60	2,19	6,53	2,20	6,45	2,22	6,29	2,24
	-10,0	8,19	2,26	8,03	2,28	7,87	2,31	7,80	2,32	7,72	2,34	7,56	2,36
	-5,0	9,46	2,38	9,30	2,40	9,15	2,43	9,07	2,44	8,99	2,45	8,83	2,48
	0,0	10,73	2,50	10,57	2,52	10,42	2,55	10,34	2,56	10,26	2,57	10,10	2,60
	6,0	12,25	2,64	12,10	2,66	11,94	2,69	11,86	2,70	11,78	2,72	11,63	2,74
	10,0	13,27	2,73	13,11	2,76	12,96	2,79	12,88	2,80	12,80	2,81	12,65	2,84
	15,0	14,54	2,85	14,38	2,88	14,23	2,90	14,15	2,92	14,07	2,93	13,92	2,96
1.5+1.5+1.5+3.5+7.1	-15,0	6,95	2,13	6,79	2,15	6,63	2,18	6,56	2,19	6,48	2,21	6,32	2,23
	-10,0	8,22	2,25	8,06	2,27	7,90	2,30	7,83	2,31	7,75	2,33	7,59	2,35
	-5,0	9,49	2,37	9,33	2,39	9,18	2,42	9,10	2,43	9,02	2,44	8,86	2,47
	0,0	10,76	2,49	10,60	2,51	10,45	2,54	10,37	2,55	10,29	2,56	10,13	2,59
	6,0	12,28	2,63	12,13	2,65	11,97	2,68	11,89	2,69	11,81	2,71	11,66	2,73
	10,0	13,30	2,72	13,14	2,75	12,99	2,78	12,91	2,79	12,83	2,80	12,68	2,83
	15,0	14,57	2,84	14,41	2,87	14,26	2,89	14,18	2,91	14,10	2,92	13,95	2,95
1.5+1.5+1.5+4.2+4.2	-15,0	6,62	2,21	6,47	2,23	6,32	2,26	6,24	2,27	6,16	2,29	6,01	2,31
	-10,0	7,88	2,33	7,72	2,35	7,57	2,38	7,49	2,39	7,42	2,41	7,26	2,43
	-5,0	9,13	2,45	8,98	2,47	8,82	2,50	8,75	2,51	8,67	2,52	8,52	2,55
	0,0	10,38	2,57	10,23	2,59	10,08	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,14	2,92	13,99	2,95	13,84	2,97	13,76	2,99	13,68	3,00	13,53	3,03

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104251A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+1.5+4.2+5.0	-15,0	6,69	2,22	6,53	2,24	6,37	2,27	6,30	2,28	6,22	2,30	6,06	2,32
	-10,0	7,96	2,34	7,80	2,36	7,64	2,39	7,57	2,40	7,49	2,42	7,33	2,44
	-5,0	9,23	2,46	9,07	2,48	8,92	2,51	8,84	2,52	8,76	2,53	8,60	2,56
	0,0	10,50	2,58	10,34	2,60	10,19	2,63	10,11	2,64	10,03	2,65	9,87	2,68
	6,0	12,02	2,72	11,87	2,74	11,71	2,77	11,63	2,78	11,55	2,80	11,40	2,82
	10,0	13,04	2,81	12,88	2,84	12,73	2,87	12,65	2,88	12,57	2,89	12,42	2,92
	15,0	14,31	2,93	14,15	2,96	14,00	2,98	13,92	3,00	13,84	3,01	13,69	3,04
1.5+1.5+1.5+4.2+6.0	-15,0	6,93	2,14	6,77	2,16	6,61	2,19	6,54	2,20	6,46	2,22	6,30	2,24
	-10,0	8,20	2,26	8,04	2,28	7,88	2,31	7,81	2,32	7,73	2,34	7,57	2,36
	-5,0	9,47	2,38	9,31	2,40	9,16	2,43	9,08	2,44	9,00	2,45	8,84	2,48
	0,0	10,74	2,50	10,58	2,52	10,43	2,55	10,35	2,56	10,27	2,57	10,11	2,60
	6,0	12,26	2,64	12,11	2,66	11,95	2,69	11,87	2,70	11,79	2,72	11,64	2,74
	10,0	13,28	2,73	13,12	2,76	12,97	2,79	12,89	2,80	12,81	2,81	12,66	2,84
	15,0	14,55	2,85	14,39	2,88	14,24	2,90	14,16	2,92	14,08	2,93	13,93	2,96
1.5+1.5+1.5+5.0+5.0	-15,0	6,82	2,18	6,66	2,20	6,50	2,23	6,43	2,24	6,35	2,26	6,19	2,28
	-10,0	8,09	2,30	7,93	2,32	7,77	2,35	7,70	2,36	7,62	2,38	7,46	2,40
	-5,0	9,36	2,42	9,20	2,44	9,05	2,47	8,97	2,48	8,89	2,49	8,73	2,52
	0,0	10,63	2,54	10,47	2,56	10,32	2,59	10,24	2,60	10,16	2,61	10,00	2,64
	6,0	12,15	2,68	12,00	2,70	11,84	2,73	11,76	2,74	11,68	2,76	11,53	2,78
	10,0	13,17	2,77	13,01	2,80	12,86	2,83	12,78	2,84	12,70	2,85	12,55	2,88
	15,0	14,44	2,89	14,28	2,92	14,13	2,94	14,05	2,96	13,97	2,97	13,82	3,00
1.5+1.5+1.5+5.0+6.0	-15,0	7,05	2,09	6,89	2,11	6,73	2,14	6,66	2,15	6,58	2,17	6,42	2,19
	-10,0	8,32	2,21	8,16	2,23	8,00	2,26	7,93	2,27	7,85	2,29	7,69	2,31
	-5,0	9,59	2,33	9,43	2,35	9,28	2,38	9,20	2,39	9,12	2,40	8,96	2,43
	0,0	10,86	2,45	10,70	2,47	10,55	2,50	10,47	2,51	10,39	2,52	10,23	2,55
	6,0	12,38	2,59	12,23	2,61	12,07	2,64	11,99	2,65	11,91	2,67	11,76	2,69
	10,0	13,40	2,68	13,24	2,71	13,09	2,74	13,01	2,75	12,93	2,76	12,78	2,79
	15,0	14,67	2,80	14,51	2,83	14,36	2,85	14,28	2,87	14,20	2,88	14,05	2,91
1.5+1.5+2.0+2.0+2.0	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
1.5+1.5+2.0+2.0+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.0+2.0+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+2.0+2.0+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+2.0+2.0+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05
1.5+1.5+2.0+2.0+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
1.5+1.5+2.0+2.0+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,55	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95
1.5+1.5+2.0+2.5+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104252A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.0+2.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+2.0+2.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+2.0+2.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05
1.5+1.5+2.0+2.5+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
1.5+1.5+2.0+2.5+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,55	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95
1.5+1.5+2.0+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,35	2,58	10,20	2,60	10,05	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.0+3.5+4.2	-15,0	6,60	2,22	6,45	2,24	6,30	2,27	6,22	2,28	6,14	2,30	5,99	2,32
	-10,0	7,86	2,34	7,70	2,36	7,55	2,39	7,47	2,40	7,40	2,42	7,24	2,44
	-5,0	9,11	2,46	8,96	2,48	8,80	2,51	8,73	2,52	8,65	2,53	8,50	2,56
	0,0	10,36	2,58	10,21	2,60	10,06	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,12	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,66	3,01	13,51	3,04
1.5+1.5+2.0+3.5+5.0	-15,0	6,68	2,22	6,52	2,24	6,36	2,27	6,29	2,28	6,21	2,30	6,05	2,32
	-10,0	7,95	2,34	7,79	2,36	7,63	2,39	7,56	2,40	7,48	2,42	7,32	2,44
	-5,0	9,22	2,46	9,06	2,48	8,91	2,51	8,83	2,52	8,75	2,53	8,59	2,56
	0,0	10,49	2,58	10,33	2,60	10,18	2,63	10,10	2,64	10,02	2,65	9,86	2,68
	6,0	12,01	2,72	11,86	2,74	11,70	2,77	11,62	2,78	11,54	2,80	11,39	2,82
	10,0	13,03	2,81	12,87	2,84	12,72	2,87	12,64	2,88	12,56	2,89	12,41	2,92
	15,0	14,30	2,93	14,14	2,96	13,99	2,98	13,91	3,00	13,83	3,01	13,68	3,04
1.5+1.5+2.0+3.5+6.0	-15,0	6,92	2,14	6,76	2,16	6,60	2,19	6,53	2,20	6,45	2,22	6,29	2,24
	-10,0	8,19	2,26	8,03	2,28	7,87	2,31	7,80	2,32	7,72	2,34	7,56	2,36
	-5,0	9,46	2,38	9,30	2,40	9,15	2,43	9,07	2,44	8,99	2,45	8,83	2,48
	0,0	10,73	2,50	10,57	2,52	10,42	2,55	10,34	2,56	10,26	2,57	10,10	2,60
	6,0	12,25	2,64	12,10	2,66	11,94	2,69	11,86	2,70	11,78	2,72	11,63	2,74
	10,0	13,27	2,73	13,11	2,76	12,96	2,79	12,88	2,80	12,80	2,81	12,65	2,84
	15,0	14,54	2,85	14,38	2,88	14,23	2,90	14,15	2,92	14,07	2,93	13,92	2,96
1.5+1.5+2.0+3.5+7.1	-15,0	6,95	2,13	6,79	2,15	6,63	2,18	6,56	2,19	6,48	2,21	6,32	2,23
	-10,0	8,22	2,25	8,06	2,27	7,90	2,30	7,83	2,31	7,75	2,33	7,59	2,35
	-5,0	9,49	2,37	9,33	2,39	9,18	2,42	9,10	2,43	9,02	2,44	8,86	2,47
	0,0	10,76	2,49	10,60	2,51	10,45	2,54	10,37	2,55	10,29	2,56	10,13	2,59
	6,0	12,28	2,63	12,13	2,65	11,97	2,68	11,89	2,69	11,81	2,71	11,66	2,73
	10,0	13,30	2,72	13,14	2,75	12,99	2,78	12,91	2,79	12,83	2,80	12,68	2,83
	15,0	14,57	2,84	14,41	2,87	14,26	2,89	14,18	2,91	14,10	2,92	13,95	2,95
1.5+1.5+2.0+4.2+4.2	-15,0	6,62	2,21	6,47	2,23	6,32	2,26	6,24	2,27	6,16	2,29	6,01	2,31
	-10,0	7,88	2,33	7,72	2,35	7,57	2,38	7,49	2,39	7,42	2,41	7,26	2,43
	-5,0	9,13	2,45	8,98	2,47	8,82	2,50	8,75	2,51	8,67	2,52	8,52	2,55
	0,0	10,38	2,57	10,23	2,59	10,08	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,14	2,92	13,99	2,95	13,84	2,97	13,76	2,99	13,68	3,00	13,53	3,03
1.5+1.5+2.0+4.2+5.0	-15,0	6,69	2,22	6,53	2,24	6,37	2,27	6,30	2,28	6,22	2,30	6,06	2,32
	-10,0	7,96	2,34	7,80	2,36	7,64	2,39	7,57	2,40	7,49	2,42	7,33	2,44
	-5,0	9,23	2,46	9,07	2,48	8,92	2,51	8,84	2,52	8,76	2,53	8,60	2,56
	0,0	10,50	2,58	10,34	2,60	10,19	2,63	10,11	2,64	10,03	2,65	9,87	2,68
	6,0	12,02	2,72	11,87	2,74	11,71	2,77	11,63	2,78	11,55	2,80	11,40	2,82
	10,0	13,04	2,81	12,88	2,84	12,73	2,87	12,65	2,88	12,57	2,89	12,42	2,92
	15,0	14,31	2,93	14,15	2,96	14,00	2,98	13,92	3,00	13,84	3,01	13,69	3,04

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104253A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.0+4.2+6.0	-15,0	6,93	2,14	6,77	2,16	6,61	2,19	6,54	2,20	6,46	2,22	6,30	2,24
	-10,0	8,20	2,26	8,04	2,28	7,88	2,31	7,81	2,32	7,73	2,34	7,57	2,36
	-5,0	9,47	2,38	9,31	2,40	9,16	2,43	9,08	2,44	9,00	2,45	8,84	2,48
	0,0	10,74	2,50	10,58	2,52	10,43	2,55	10,35	2,56	10,27	2,57	10,11	2,60
	6,0	12,26	2,64	12,11	2,66	11,95	2,69	11,87	2,70	11,79	2,72	11,64	2,74
	10,0	13,28	2,73	13,12	2,76	12,97	2,79	12,89	2,80	12,81	2,81	12,66	2,84
	15,0	14,55	2,85	14,39	2,88	14,24	2,90	14,16	2,92	14,08	2,93	13,93	2,96
1.5+1.5+2.0+5.0+5.0	-15,0	6,82	2,18	6,66	2,20	6,50	2,23	6,43	2,24	6,35	2,26	6,19	2,28
	-10,0	8,09	2,30	7,93	2,32	7,77	2,35	7,70	2,36	7,62	2,38	7,46	2,40
	-5,0	9,36	2,42	9,20	2,44	9,05	2,47	8,97	2,48	8,89	2,49	8,73	2,52
	0,0	10,63	2,54	10,47	2,56	10,32	2,59	10,24	2,60	10,16	2,61	10,00	2,64
	6,0	12,15	2,68	12,00	2,70	11,84	2,73	11,76	2,74	11,68	2,76	11,53	2,78
	10,0	13,17	2,77	13,01	2,80	12,86	2,83	12,78	2,84	12,70	2,85	12,55	2,88
	15,0	14,44	2,89	14,28	2,92	14,13	2,94	14,05	2,96	13,97	2,97	13,82	3,00
1.5+1.5+2.5+2.5+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
1.5+1.5+2.5+2.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+2.5+2.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+2.5+2.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.5+2.5+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
1.5+1.5+2.5+2.5+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,55	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95
1.5+1.5+2.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,35	2,58	10,20	2,60	10,05	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+1.5+2.5+3.5+4.2	-15,0	6,60	2,22	6,45	2,24	6,30	2,27	6,22	2,28	6,14	2,30	5,99	2,32
	-10,0	7,86	2,34	7,70	2,36	7,55	2,39	7,47	2,40	7,40	2,42	7,24	2,44
	-5,0	9,11	2,46	8,96	2,48	8,80	2,51	8,73	2,52	8,65	2,53	8,50	2,56
	0,0	10,36	2,58	10,21	2,60	10,06	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,12	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,66	3,01	13,51	3,04
1.5+1.5+2.5+3.5+5.0	-15,0	6,68	2,22	6,52	2,24	6,36	2,27	6,29	2,28	6,21	2,30	6,05	2,32
	-10,0	7,95	2,34	7,79	2,36	7,63	2,39	7,56	2,40	7,48	2,42	7,32	2,44
	-5,0	9,22	2,46	9,06	2,48	8,91	2,51	8,83	2,52	8,75	2,53	8,59	2,56
	0,0	10,49	2,58	10,33	2,60	10,18	2,63	10,10	2,64	10,02	2,65	9,86	2,68
	6,0	12,01	2,72	11,86	2,74	11,70	2,77	11,62	2,78	11,54	2,80	11,39	2,82
	10,0	13,03	2,81	12,87	2,84	12,72	2,87	12,64	2,88	12,56	2,89	12,41	2,92
	15,0	14,30	2,93	14,14	2,96	13,99	2,98	13,91	3,00	13,83	3,01	13,68	3,04
1.5+1.5+2.5+3.5+6.0	-15,0	6,92	2,14	6,76	2,16	6,60	2,19	6,53	2,20	6,45	2,22	6,29	2,24
	-10,0	8,19	2,26	8,03	2,28	7,87	2,31	7,80	2,32	7,72	2,34	7,56	2,36
	-5,0	9,46	2,38	9,30	2,40	9,15	2,43	9,07	2,44	8,99	2,45	8,83	2,48
	0,0	10,73	2,50	10,57	2,52	10,42	2,55	10,34	2,56	10,26	2,57	10,10	2,60
	6,0	12,25	2,64	12,10	2,66	11,94	2,69	11,86	2,70	11,78	2,72	11,63	2,74
	10,0	13,27	2,73	13,11	2,76	12,96	2,79	12,88	2,80	12,80	2,81	12,65	2,84
	15,0	14,54	2,85	14,38	2,88	14,23	2,90	14,15	2,92	14,07	2,93	13,92	2,96

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104254A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+2.5+4.2+4.2	-15,0	6,62	2,21	6,47	2,23	6,32	2,26	6,24	2,27	6,16	2,29	6,01	2,31
	-10,0	7,88	2,33	7,72	2,35	7,57	2,38	7,49	2,39	7,42	2,41	7,26	2,43
	-5,0	9,13	2,45	8,98	2,47	8,82	2,50	8,75	2,51	8,67	2,52	8,52	2,55
	0,0	10,38	2,57	10,23	2,59	10,08	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,14	2,92	13,99	2,95	13,84	2,97	13,76	2,99	13,68	3,00	13,53	3,03
1.5+1.5+2.5+4.2+5.0	-15,0	6,69	2,22	6,53	2,24	6,37	2,27	6,30	2,28	6,22	2,30	6,06	2,32
	-10,0	7,96	2,34	7,80	2,36	7,64	2,39	7,57	2,40	7,49	2,42	7,33	2,44
	-5,0	9,23	2,46	9,07	2,48	8,92	2,51	8,84	2,52	8,76	2,53	8,60	2,56
	0,0	10,50	2,58	10,34	2,60	10,19	2,63	10,11	2,64	10,03	2,65	9,87	2,68
	6,0	12,02	2,72	11,87	2,74	11,71	2,77	11,63	2,78	11,55	2,80	11,40	2,82
	10,0	13,04	2,81	12,88	2,84	12,73	2,87	12,65	2,88	12,57	2,89	12,42	2,92
	15,0	14,31	2,93	14,15	2,96	14,00	2,98	13,92	3,00	13,84	3,01	13,69	3,04
1.5+1.5+2.5+5.0+5.0	-15,0	6,82	2,18	6,66	2,20	6,50	2,23	6,43	2,24	6,35	2,26	6,19	2,28
	-10,0	8,09	2,30	7,93	2,32	7,77	2,35	7,70	2,36	7,62	2,38	7,46	2,40
	-5,0	9,36	2,42	9,20	2,44	9,05	2,47	8,97	2,48	8,89	2,49	8,73	2,52
	0,0	10,63	2,54	10,47	2,56	10,32	2,59	10,24	2,60	10,16	2,61	10,00	2,64
	6,0	12,15	2,68	12,00	2,70	11,84	2,73	11,76	2,74	11,68	2,76	11,53	2,78
	10,0	13,17	2,77	13,01	2,80	12,86	2,83	12,78	2,84	12,70	2,85	12,55	2,88
	15,0	14,44	2,89	14,28	2,92	14,13	2,94	14,05	2,96	13,97	2,97	13,82	3,00
1.5+1.5+3.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,70	2,36	7,54	2,39	7,47	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,80	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,36	2,58	10,21	2,60	10,05	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,13	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,67	3,01	13,51	3,04
1.5+1.5+3.5+3.5+4.2	-15,0	6,61	2,21	6,46	2,23	6,31	2,26	6,23	2,27	6,15	2,29	6,00	2,31
	-10,0	7,87	2,33	7,72	2,35	7,56	2,38	7,49	2,39	7,41	2,41	7,25	2,43
	-5,0	9,12	2,45	8,97	2,47	8,82	2,50	8,74	2,51	8,66	2,52	8,51	2,55
	0,0	10,38	2,57	10,23	2,59	10,07	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,15	2,92	13,99	2,95	13,84	2,97	13,76	2,99	13,69	3,00	13,53	3,03
1.5+1.5+3.5+3.5+5.0	-15,0	6,69	2,22	6,53	2,24	6,37	2,27	6,30	2,28	6,22	2,30	6,06	2,32
	-10,0	7,96	2,34	7,80	2,36	7,64	2,39	7,57	2,40	7,49	2,42	7,33	2,44
	-5,0	9,23	2,46	9,07	2,48	8,92	2,51	8,84	2,52	8,76	2,53	8,60	2,56
	0,0	10,50	2,58	10,34	2,60	10,19	2,63	10,11	2,64	10,03	2,65	9,87	2,68
	6,0	12,02	2,72	11,87	2,74	11,71	2,77	11,63	2,78	11,55	2,80	11,40	2,82
	10,0	13,04	2,81	12,88	2,84	12,73	2,87	12,65	2,88	12,57	2,89	12,42	2,92
	15,0	14,31	2,93	14,15	2,96	14,00	2,98	13,92	3,00	13,84	3,01	13,69	3,04

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+3.5+4.2+4.2	-15,0	6,62	2,21	6,47	2,23	6,32	2,26	6,24	2,27	6,16	2,29	6,01	2,31
	-10,0	7,88	2,33	7,73	2,35	7,57	2,38	7,50	2,39	7,42	2,41	7,26	2,43
	-5,0	9,13	2,45	8,98	2,47	8,83	2,50	8,75	2,51	8,67	2,52	8,52	2,55
	0,0	10,39	2,57	10,24	2,59	10,08	2,62	10,01	2,63	9,93	2,64	9,78	2,67
	6,0	11,90	2,71	11,74	2,73	11,59	2,76	11,51	2,77	11,44	2,79	11,28	2,81
	10,0	12,90	2,80	12,75	2,83	12,59	2,86	12,52	2,87	12,44	2,88	12,29	2,91
	15,0	14,16	2,92	14,00	2,95	13,85	2,97	13,77	2,99	13,70	3,00	13,54	3,03
1.5+2.0+2.0+2.0+2.0	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
1.5+2.0+2.0+2.0+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
1.5+2.0+2.0+2.0+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+2.0+2.0+2.0+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+2.0+2.0+2.0+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104256A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.0+2.0+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
1.5+2.0+2.0+2.0+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,55	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95
1.5+2.0+2.0+2.5+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
1.5+2.0+2.0+2.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+2.0+2.0+2.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+2.0+2.0+2.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.0+2.5+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
1.5+2.0+2.0+2.5+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,55	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95
1.5+2.0+2.0+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,35	2,58	10,20	2,60	10,05	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+2.0+2.0+3.5+4.2	-15,0	6,60	2,22	6,45	2,24	6,30	2,27	6,22	2,28	6,14	2,30	5,99	2,32
	-10,0	7,86	2,34	7,70	2,36	7,55	2,39	7,47	2,40	7,40	2,42	7,24	2,44
	-5,0	9,11	2,46	8,96	2,48	8,80	2,51	8,73	2,52	8,65	2,53	8,50	2,56
	0,0	10,36	2,58	10,21	2,60	10,06	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,12	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,66	3,01	13,51	3,04
1.5+2.0+2.0+3.5+5.0	-15,0	6,68	2,22	6,52	2,24	6,36	2,27	6,29	2,28	6,21	2,30	6,05	2,32
	-10,0	7,95	2,34	7,79	2,36	7,63	2,39	7,56	2,40	7,48	2,42	7,32	2,44
	-5,0	9,22	2,46	9,06	2,48	8,91	2,51	8,83	2,52	8,75	2,53	8,59	2,56
	0,0	10,49	2,58	10,33	2,60	10,18	2,63	10,10	2,64	10,02	2,65	9,86	2,68
	6,0	12,01	2,72	11,86	2,74	11,70	2,77	11,62	2,78	11,54	2,80	11,39	2,82
	10,0	13,03	2,81	12,87	2,84	12,72	2,87	12,64	2,88	12,56	2,89	12,41	2,92
	15,0	14,30	2,93	14,14	2,96	13,99	2,98	13,91	3,00	13,83	3,01	13,68	3,04
1.5+2.0+2.0+3.5+6.0	-15,0	6,92	2,14	6,76	2,16	6,60	2,19	6,53	2,20	6,45	2,22	6,29	2,24
	-10,0	8,19	2,26	8,03	2,28	7,87	2,31	7,80	2,32	7,72	2,34	7,56	2,36
	-5,0	9,46	2,38	9,30	2,40	9,15	2,43	9,07	2,44	8,99	2,45	8,83	2,48
	0,0	10,73	2,50	10,57	2,52	10,42	2,55	10,34	2,56	10,26	2,57	10,10	2,60
	6,0	12,25	2,64	12,10	2,66	11,94	2,69	11,86	2,70	11,78	2,72	11,63	2,74
	10,0	13,27	2,73	13,11	2,76	12,96	2,79	12,88	2,80	12,80	2,81	12,65	2,84
	15,0	14,54	2,85	14,38	2,88	14,23	2,90	14,15	2,92	14,07	2,93	13,92	2,96

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104257A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.0+4.2+4.2	-15,0	6,62	2,21	6,47	2,23	6,32	2,26	6,24	2,27	6,16	2,29	6,01	2,31
	-10,0	7,88	2,33	7,72	2,35	7,57	2,38	7,49	2,39	7,42	2,41	7,26	2,43
	-5,0	9,13	2,45	8,98	2,47	8,82	2,50	8,75	2,51	8,67	2,52	8,52	2,55
	0,0	10,38	2,57	10,23	2,59	10,08	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,14	2,92	13,99	2,95	13,84	2,97	13,76	2,99	13,68	3,00	13,53	3,03
1.5+2.0+2.0+4.2+5.0	-15,0	6,69	2,22	6,53	2,24	6,37	2,27	6,30	2,28	6,22	2,30	6,06	2,32
	-10,0	7,96	2,34	7,80	2,36	7,64	2,39	7,57	2,40	7,49	2,42	7,33	2,44
	-5,0	9,23	2,46	9,07	2,48	8,92	2,51	8,84	2,52	8,76	2,53	8,60	2,56
	0,0	10,50	2,58	10,34	2,60	10,19	2,63	10,11	2,64	10,03	2,65	9,87	2,68
	6,0	12,02	2,72	11,87	2,74	11,71	2,77	11,63	2,78	11,55	2,80	11,40	2,82
	10,0	13,04	2,81	12,88	2,84	12,73	2,87	12,65	2,88	12,57	2,89	12,42	2,92
	15,0	14,31	2,93	14,15	2,96	14,00	2,98	13,92	3,00	13,84	3,01	13,69	3,04
1.5+2.0+2.0+5.0+5.0	-15,0	6,82	2,18	6,66	2,20	6,50	2,23	6,43	2,24	6,35	2,26	6,19	2,28
	-10,0	8,09	2,30	7,93	2,32	7,77	2,35	7,70	2,36	7,62	2,38	7,46	2,40
	-5,0	9,36	2,42	9,20	2,44	9,05	2,47	8,97	2,48	8,89	2,49	8,73	2,52
	0,0	10,63	2,54	10,47	2,56	10,32	2,59	10,24	2,60	10,16	2,61	10,00	2,64
	6,0	12,15	2,68	12,00	2,70	11,84	2,73	11,76	2,74	11,68	2,76	11,53	2,78
	10,0	13,17	2,77	13,01	2,80	12,86	2,83	12,78	2,84	12,70	2,85	12,55	2,88
	15,0	14,44	2,89	14,28	2,92	14,13	2,94	14,05	2,96	13,97	2,97	13,82	3,00
1.5+2.0+2.5+2.5+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
1.5+2.0+2.5+2.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+2.0+2.5+2.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.5+2.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05
1.5+2.0+2.5+2.5+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
1.5+2.0+2.5+2.5+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,55	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95
1.5+2.0+2.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,35	2,58	10,20	2,60	10,05	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+2.0+2.5+3.5+4.2	-15,0	6,60	2,22	6,45	2,24	6,30	2,27	6,22	2,28	6,14	2,30	5,99	2,32
	-10,0	7,86	2,34	7,70	2,36	7,55	2,39	7,47	2,40	7,40	2,42	7,24	2,44
	-5,0	9,11	2,46	8,96	2,48	8,80	2,51	8,73	2,52	8,65	2,53	8,50	2,56
	0,0	10,36	2,58	10,21	2,60	10,06	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,12	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,66	3,01	13,51	3,04
1.5+2.0+2.5+3.5+5.0	-15,0	6,68	2,22	6,52	2,24	6,36	2,27	6,29	2,28	6,21	2,30	6,05	2,32
	-10,0	7,95	2,34	7,79	2,36	7,63	2,39	7,56	2,40	7,48	2,42	7,32	2,44
	-5,0	9,22	2,46	9,06	2,48	8,91	2,51	8,83	2,52	8,75	2,53	8,59	2,56
	0,0	10,49	2,58	10,33	2,60	10,18	2,63	10,10	2,64	10,02	2,65	9,86	2,68
	6,0	12,01	2,72	11,86	2,74	11,70	2,77	11,62	2,78	11,54	2,80	11,39	2,82
	10,0	13,03	2,81	12,87	2,84	12,72	2,87	12,64	2,88	12,56	2,89	12,41	2,92
	15,0	14,30	2,93	14,14	2,96	13,99	2,98	13,91	3,00	13,83	3,01	13,68	3,04

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104258A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+2.5+3.5+6.0	-15,0	6,92	2,14	6,76	2,16	6,60	2,19	6,53	2,20	6,45	2,22	6,29	2,24
	-10,0	8,19	2,26	8,03	2,28	7,87	2,31	7,80	2,32	7,72	2,34	7,56	2,36
	-5,0	9,46	2,38	9,30	2,40	9,15	2,43	9,07	2,44	8,99	2,45	8,83	2,48
	0,0	10,73	2,50	10,57	2,52	10,42	2,55	10,34	2,56	10,26	2,57	10,10	2,60
	6,0	12,25	2,64	12,10	2,66	11,94	2,69	11,86	2,70	11,78	2,72	11,63	2,74
	10,0	13,27	2,73	13,11	2,76	12,96	2,79	12,88	2,80	12,80	2,81	12,65	2,84
	15,0	14,54	2,85	14,38	2,88	14,23	2,90	14,15	2,92	14,07	2,93	13,92	2,96
1.5+2.0+2.5+4.2+4.2	-15,0	6,62	2,21	6,47	2,23	6,32	2,26	6,24	2,27	6,16	2,29	6,01	2,31
	-10,0	7,88	2,33	7,72	2,35	7,57	2,38	7,49	2,39	7,42	2,41	7,26	2,43
	-5,0	9,13	2,45	8,98	2,47	8,82	2,50	8,75	2,51	8,67	2,52	8,52	2,55
	0,0	10,38	2,57	10,23	2,59	10,08	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,14	2,92	13,99	2,95	13,84	2,97	13,76	2,99	13,68	3,00	13,53	3,03
1.5+2.0+2.5+4.2+5.0	-15,0	6,69	2,22	6,53	2,24	6,37	2,27	6,30	2,28	6,22	2,30	6,06	2,32
	-10,0	7,96	2,34	7,80	2,36	7,64	2,39	7,57	2,40	7,49	2,42	7,33	2,44
	-5,0	9,23	2,46	9,07	2,48	8,92	2,51	8,84	2,52	8,76	2,53	8,60	2,56
	0,0	10,50	2,58	10,34	2,60	10,19	2,63	10,11	2,64	10,03	2,65	9,87	2,68
	6,0	12,02	2,72	11,87	2,74	11,71	2,77	11,63	2,78	11,55	2,80	11,40	2,82
	10,0	13,04	2,81	12,88	2,84	12,73	2,87	12,65	2,88	12,57	2,89	12,42	2,92
	15,0	14,31	2,93	14,15	2,96	14,00	2,98	13,92	3,00	13,84	3,01	13,69	3,04
1.5+2.0+3.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,70	2,36	7,54	2,39	7,47	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,80	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,36	2,58	10,21	2,60	10,05	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,13	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,67	3,01	13,51	3,04
1.5+2.0+3.5+3.5+4.2	-15,0	6,61	2,21	6,46	2,23	6,31	2,26	6,23	2,27	6,15	2,29	6,00	2,31
	-10,0	7,87	2,33	7,72	2,35	7,56	2,38	7,49	2,39	7,41	2,41	7,25	2,43
	-5,0	9,12	2,45	8,97	2,47	8,82	2,50	8,74	2,51	8,66	2,52	8,51	2,55
	0,0	10,38	2,57	10,23	2,59	10,07	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,15	2,92	13,99	2,95	13,84	2,97	13,76	2,99	13,69	3,00	13,53	3,03
1.5+2.0+3.5+3.5+5.0	-15,0	6,69	2,22	6,53	2,24	6,37	2,27	6,30	2,28	6,22	2,30	6,06	2,32
	-10,0	7,96	2,34	7,80	2,36	7,64	2,39	7,57	2,40	7,49	2,42	7,33	2,44
	-5,0	9,23	2,46	9,07	2,48	8,92	2,51	8,84	2,52	8,76	2,53	8,60	2,56
	0,0	10,50	2,58	10,34	2,60	10,19	2,63	10,11	2,64	10,03	2,65	9,87	2,68
	6,0	12,02	2,72	11,87	2,74	11,71	2,77	11,63	2,78	11,55	2,80	11,40	2,82
	10,0	13,04	2,81	12,88	2,84	12,73	2,87	12,65	2,88	12,57	2,89	12,42	2,92
	15,0	14,31	2,93	14,15	2,96	14,00	2,98	13,92	3,00	13,84	3,01	13,69	3,04

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0+3.5+4.2+4.2	-15,0	6,62	2,21	6,47	2,23	6,32	2,26	6,24	2,27	6,16	2,29	6,01	2,31
	-10,0	7,88	2,33	7,73	2,35	7,57	2,38	7,50	2,39	7,42	2,41	7,26	2,43
	-5,0	9,13	2,45	8,98	2,47	8,83	2,50	8,75	2,51	8,67	2,52	8,52	2,55
	0,0	10,39	2,57	10,24	2,59	10,08	2,62	10,01	2,63	9,93	2,64	9,78	2,67
	6,0	11,90	2,71	11,74	2,73	11,59	2,76	11,51	2,77	11,44	2,79	11,28	2,81
	10,0	12,90	2,80	12,75	2,83	12,59	2,86	12,52	2,87	12,44	2,88	12,29	2,91
	15,0	14,16	2,92	14,00	2,95	13,85	2,97	13,77	2,99	13,70	3,00	13,54	3,03
1.5+2.5+2.5+2.5+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
1.5+2.5+2.5+2.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+2.5+2.5+2.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+2.5+2.5+2.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05
1.5+2.5+2.5+2.5+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104260A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+2.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,35	2,58	10,20	2,60	10,05	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
1.5+2.5+2.5+3.5+4.2	-15,0	6,60	2,22	6,45	2,24	6,30	2,27	6,22	2,28	6,14	2,30	5,99	2,32
	-10,0	7,86	2,34	7,70	2,36	7,55	2,39	7,47	2,40	7,40	2,42	7,24	2,44
	-5,0	9,11	2,46	8,96	2,48	8,80	2,51	8,73	2,52	8,65	2,53	8,50	2,56
	0,0	10,36	2,58	10,21	2,60	10,06	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,12	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,66	3,01	13,51	3,04
1.5+2.5+2.5+3.5+5.0	-15,0	6,68	2,22	6,52	2,24	6,36	2,27	6,29	2,28	6,21	2,30	6,05	2,32
	-10,0	7,95	2,34	7,79	2,36	7,63	2,39	7,56	2,40	7,48	2,42	7,32	2,44
	-5,0	9,22	2,46	9,06	2,48	8,91	2,51	8,83	2,52	8,75	2,53	8,59	2,56
	0,0	10,49	2,58	10,33	2,60	10,18	2,63	10,10	2,64	10,02	2,65	9,86	2,68
	6,0	12,01	2,72	11,86	2,74	11,70	2,77	11,62	2,78	11,54	2,80	11,39	2,82
	10,0	13,03	2,81	12,87	2,84	12,72	2,87	12,64	2,88	12,56	2,89	12,41	2,92
	15,0	14,30	2,93	14,14	2,96	13,99	2,98	13,91	3,00	13,83	3,01	13,68	3,04
1.5+2.5+2.5+4.2+4.2	-15,0	6,62	2,21	6,47	2,23	6,32	2,26	6,24	2,27	6,16	2,29	6,01	2,31
	-10,0	7,88	2,33	7,72	2,35	7,57	2,38	7,49	2,39	7,42	2,41	7,26	2,43
	-5,0	9,13	2,45	8,98	2,47	8,82	2,50	8,75	2,51	8,67	2,52	8,52	2,55
	0,0	10,38	2,57	10,23	2,59	10,08	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,14	2,92	13,99	2,95	13,84	2,97	13,76	2,99	13,68	3,00	13,53	3,03
1.5+2.5+3.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,70	2,36	7,54	2,39	7,47	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,80	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,36	2,58	10,21	2,60	10,05	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,13	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,67	3,01	13,51	3,04
1.5+2.5+3.5+3.5+4.2	-15,0	6,61	2,21	6,46	2,23	6,31	2,26	6,23	2,27	6,15	2,29	6,00	2,31
	-10,0	7,87	2,33	7,72	2,35	7,56	2,38	7,49	2,39	7,41	2,41	7,25	2,43
	-5,0	9,12	2,45	8,97	2,47	8,82	2,50	8,74	2,51	8,66	2,52	8,51	2,55
	0,0	10,38	2,57	10,23	2,59	10,07	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,15	2,92	13,99	2,95	13,84	2,97	13,76	2,99	13,69	3,00	13,53	3,03

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+3.5+3.5+3.5+3.5	-15,0	6,61	2,21	6,46	2,23	6,31	2,26	6,23	2,27	6,15	2,29	6,00	2,31
	-10,0	7,87	2,33	7,72	2,35	7,56	2,38	7,49	2,39	7,41	2,41	7,25	2,43
	-5,0	9,12	2,45	8,97	2,47	8,82	2,50	8,74	2,51	8,66	2,52	8,51	2,55
	0,0	10,38	2,57	10,23	2,59	10,07	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,15	2,92	13,99	2,95	13,84	2,98	13,73	3,00	13,65	3,01	13,50	3,03
2.0+2.0+2.0+2.0+2.0	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
2.0+2.0+2.0+2.0+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
2.0+2.0+2.0+2.0+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.0+2.0+2.0+2.0+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.0+2.0+2.0+2.0+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   1.5,2.0,2.5,3.5,4.2,5.0 kW class
   Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104261A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+2.0+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
2.0+2.0+2.0+2.0+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,55	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95
2.0+2.0+2.0+2.5+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
2.0+2.0+2.0+2.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.0+2.0+2.0+2.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.0+2.0+2.0+2.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+2.5+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
2.0+2.0+2.0+2.5+7.1	-15,0	6,94	2,13	6,78	2,15	6,63	2,18	6,55	2,19	6,47	2,20	6,32	2,23
	-10,0	8,21	2,25	8,05	2,27	7,90	2,30	7,82	2,31	7,74	2,32	7,59	2,35
	-5,0	9,48	2,37	9,32	2,39	9,17	2,42	9,09	2,43	9,01	2,44	8,86	2,47
	0,0	10,75	2,48	10,59	2,51	10,44	2,54	10,36	2,55	10,28	2,56	10,13	2,59
	6,0	12,27	2,63	12,12	2,65	11,96	2,68	11,88	2,69	11,80	2,71	11,65	2,73
	10,0	13,29	2,72	13,13	2,75	12,98	2,78	12,90	2,79	12,82	2,80	12,66	2,83
	15,0	14,55	2,84	14,40	2,87	14,24	2,89	14,17	2,91	14,09	2,92	13,93	2,95
2.0+2.0+2.0+3.5+3.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
2.0+2.0+2.0+3.5+4.2	-15,0	6,60	2,22	6,45	2,24	6,30	2,27	6,22	2,28	6,14	2,30	5,99	2,32
	-10,0	7,86	2,34	7,70	2,36	7,55	2,39	7,47	2,40	7,40	2,42	7,24	2,44
	-5,0	9,11	2,46	8,96	2,48	8,80	2,51	8,73	2,52	8,65	2,53	8,50	2,56
	0,0	10,36	2,58	10,21	2,60	10,06	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,12	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,66	3,01	13,51	3,04
2.0+2.0+2.0+3.5+5.0	-15,0	6,68	2,22	6,52	2,24	6,36	2,27	6,29	2,28	6,21	2,30	6,05	2,32
	-10,0	7,95	2,34	7,79	2,36	7,63	2,39	7,56	2,40	7,48	2,42	7,32	2,44
	-5,0	9,22	2,46	9,06	2,48	8,91	2,51	8,83	2,52	8,75	2,53	8,59	2,56
	0,0	10,49	2,58	10,33	2,60	10,18	2,63	10,10	2,64	10,02	2,65	9,86	2,68
	6,0	12,01	2,72	11,86	2,74	11,70	2,77	11,62	2,78	11,54	2,80	11,39	2,82
	10,0	13,03	2,81	12,87	2,84	12,72	2,87	12,64	2,88	12,56	2,89	12,41	2,92
	15,0	14,30	2,93	14,14	2,96	13,99	2,98	13,91	3,00	13,83	3,01	13,68	3,04
2.0+2.0+2.0+3.5+6.0	-15,0	6,92	2,14	6,76	2,16	6,60	2,19	6,53	2,20	6,45	2,22	6,29	2,24
	-10,0	8,19	2,26	8,03	2,28	7,87	2,31	7,80	2,32	7,72	2,34	7,56	2,36
	-5,0	9,46	2,38	9,30	2,40	9,15	2,43	9,07	2,44	8,99	2,45	8,83	2,48
	0,0	10,73	2,50	10,57	2,52	10,42	2,55	10,34	2,56	10,26	2,57	10,10	2,60
	6,0	12,25	2,64	12,10	2,66	11,94	2,69	11,86	2,70	11,78	2,72	11,63	2,74
	10,0	13,27	2,73	13,11	2,76	12,96	2,79	12,88	2,80	12,80	2,81	12,65	2,84
	15,0	14,54	2,85	14,38	2,88	14,23	2,90	14,15	2,92	14,07	2,93	13,92	2,96

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104262A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.0+4.2+4.2	-15,0	6,62	2,21	6,47	2,23	6,32	2,26	6,24	2,27	6,16	2,29	6,01	2,31
	-10,0	7,88	2,33	7,72	2,35	7,57	2,38	7,49	2,39	7,42	2,41	7,26	2,43
	-5,0	9,13	2,45	8,98	2,47	8,82	2,50	8,75	2,51	8,67	2,52	8,52	2,55
	0,0	10,38	2,57	10,23	2,59	10,08	2,62	10,00	2,63	9,92	2,64	9,77	2,67
	6,0	11,89	2,71	11,73	2,73	11,58	2,76	11,50	2,77	11,43	2,79	11,27	2,81
	10,0	12,89	2,80	12,74	2,83	12,58	2,86	12,51	2,87	12,43	2,88	12,28	2,91
	15,0	14,14	2,92	13,99	2,95	13,84	2,97	13,76	2,99	13,68	3,00	13,53	3,03
2.0+2.0+2.0+4.2+5.0	-15,0	6,69	2,28	6,53	2,30	6,37	2,33	6,30	2,34	6,22	2,36	6,06	2,38
	-10,0	7,96	2,40	7,80	2,42	7,64	2,45	7,57	2,46	7,49	2,48	7,33	2,50
	-5,0	9,23	2,52	9,07	2,54	8,92	2,57	8,84	2,58	8,76	2,59	8,60	2,62
	0,0	10,50	2,64	10,34	2,66	10,19	2,69	10,11	2,70	10,03	2,71	9,87	2,74
	6,0	12,02	2,78	11,87	2,80	11,71	2,83	11,63	2,84	11,55	2,86	11,40	2,88
	10,0	13,04	2,87	12,88	2,90	12,73	2,93	12,65	2,94	12,57	2,95	12,42	2,98
	15,0	14,31	2,99	14,15	3,02	14,00	3,04	13,92	3,06	13,84	3,07	13,69	3,10
2.0+2.0+2.5+2.5+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
2.0+2.0+2.5+2.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.0+2.0+2.5+2.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.0+2.0+2.5+2.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.5+2.5+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97
2.0+2.0+2.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,35	2,58	10,20	2,60	10,05	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.0+2.0+2.5+3.5+4.2	-15,0	6,60	2,22	6,45	2,24	6,30	2,27	6,22	2,28	6,14	2,30	5,99	2,32
	-10,0	7,86	2,34	7,70	2,36	7,55	2,39	7,47	2,40	7,40	2,42	7,24	2,44
	-5,0	9,11	2,46	8,96	2,48	8,80	2,51	8,73	2,52	8,65	2,53	8,50	2,56
	0,0	10,36	2,58	10,21	2,60	10,06	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,12	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,66	3,01	13,51	3,04
2.0+2.0+2.5+3.5+5.0	-15,0	6,68	2,22	6,52	2,24	6,36	2,27	6,29	2,28	6,21	2,30	6,05	2,32
	-10,0	7,95	2,34	7,79	2,36	7,63	2,39	7,56	2,40	7,48	2,42	7,32	2,44
	-5,0	9,22	2,46	9,06	2,48	8,91	2,51	8,83	2,52	8,75	2,53	8,59	2,56
	0,0	10,49	2,58	10,33	2,60	10,18	2,63	10,10	2,64	10,02	2,65	9,86	2,68
	6,0	12,01	2,72	11,86	2,74	11,70	2,77	11,62	2,78	11,54	2,80	11,39	2,82
	10,0	13,03	2,81	12,87	2,84	12,72	2,87	12,64	2,88	12,56	2,89	12,41	2,92
	15,0	14,30	2,93	14,14	2,96	13,99	2,98	13,91	3,00	13,83	3,01	13,68	3,04
2.0+2.0+2.5+4.2+4.2	-15,0	6,62	2,27	6,47	2,29	6,32	2,32	6,24	2,33	6,16	2,35	6,01	2,37
	-10,0	7,88	2,39	7,72	2,41	7,57	2,44	7,49	2,45	7,42	2,47	7,26	2,49
	-5,0	9,13	2,51	8,98	2,53	8,82	2,56	8,75	2,57	8,67	2,58	8,52	2,61
	0,0	10,38	2,63	10,23	2,65	10,08	2,68	10,00	2,69	9,92	2,70	9,77	2,73
	6,0	11,89	2,77	11,73	2,79	11,58	2,82	11,50	2,83	11,43	2,85	11,27	2,87
	10,0	12,89	2,86	12,74	2,89	12,58	2,92	12,51	2,93	12,43	2,94	12,28	2,97
	15,0	14,14	2,98	13,99	3,01	13,84	3,03	13,76	3,05	13,68	3,06	13,53	3,09
2.0+2.0+3.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,70	2,36	7,54	2,39	7,47	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,80	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,36	2,58	10,21	2,60	10,05	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,13	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,67	3,01	13,51	3,04

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104263A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+3.5+3.5+4.2	-15,0	6,61	2,27	6,46	2,29	6,31	2,32	6,23	2,33	6,15	2,35	6,00	2,37
	-10,0	7,87	2,39	7,72	2,41	7,56	2,44	7,49	2,45	7,41	2,47	7,25	2,49
	-5,0	9,12	2,51	8,97	2,53	8,82	2,56	8,74	2,57	8,66	2,58	8,51	2,61
	0,0	10,38	2,63	10,23	2,65	10,07	2,68	10,00	2,69	9,92	2,70	9,77	2,73
	6,0	11,89	2,77	11,73	2,79	11,58	2,82	11,50	2,83	11,43	2,85	11,27	2,87
	10,0	12,89	2,86	12,74	2,89	12,58	2,92	12,51	2,93	12,43	2,94	12,28	2,97
	15,0	14,15	2,98	13,99	3,01	13,84	3,03	13,76	3,05	13,69	3,06	13,53	3,09
2.0+2.5+2.5+2.5+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04
2.0+2.5+2.5+2.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.0+2.5+2.5+2.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.0+2.5+2.5+2.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05
2.0+2.5+2.5+2.5+6.0	-15,0	6,91	2,15	6,75	2,17	6,60	2,20	6,52	2,21	6,44	2,22	6,29	2,25
	-10,0	8,18	2,27	8,02	2,29	7,87	2,32	7,79	2,33	7,71	2,34	7,56	2,37
	-5,0	9,45	2,39	9,29	2,41	9,14	2,44	9,06	2,45	8,98	2,46	8,83	2,49
	0,0	10,72	2,50	10,56	2,53	10,41	2,56	10,33	2,57	10,25	2,58	10,10	2,61
	6,0	12,24	2,65	12,09	2,67	11,93	2,70	11,85	2,71	11,77	2,73	11,62	2,75
	10,0	13,26	2,74	13,10	2,77	12,95	2,80	12,87	2,81	12,79	2,82	12,63	2,85
	15,0	14,52	2,86	14,37	2,89	14,21	2,91	14,14	2,93	14,06	2,94	13,90	2,97

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+2.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,35	2,58	10,20	2,60	10,05	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.0+2.5+2.5+3.5+4.2	-15,0	6,60	2,22	6,45	2,24	6,30	2,27	6,22	2,28	6,14	2,30	5,99	2,32
	-10,0	7,86	2,34	7,70	2,36	7,55	2,39	7,47	2,40	7,40	2,42	7,24	2,44
	-5,0	9,11	2,46	8,96	2,48	8,80	2,51	8,73	2,52	8,65	2,53	8,50	2,56
	0,0	10,36	2,58	10,21	2,60	10,06	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,12	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,66	3,01	13,51	3,04
2.0+2.5+2.5+3.5+5.0	-15,0	6,68	2,22	6,52	2,24	6,36	2,27	6,29	2,28	6,21	2,30	6,05	2,32
	-10,0	7,95	2,34	7,79	2,36	7,63	2,39	7,56	2,40	7,48	2,42	7,32	2,44
	-5,0	9,22	2,46	9,06	2,48	8,91	2,51	8,83	2,52	8,75	2,53	8,59	2,56
	0,0	10,49	2,58	10,33	2,60	10,18	2,63	10,10	2,64	10,02	2,65	9,86	2,68
	6,0	12,01	2,72	11,86	2,74	11,70	2,77	11,62	2,78	11,54	2,80	11,39	2,82
	10,0	13,03	2,81	12,87	2,84	12,72	2,87	12,64	2,88	12,56	2,89	12,41	2,92
	15,0	14,30	2,93	14,14	2,96	13,99	2,98	13,91	3,00	13,83	3,01	13,68	3,04
2.0+2.5+2.5+4.2+4.2	-15,0	6,62	2,27	6,47	2,29	6,32	2,32	6,24	2,33	6,16	2,35	6,01	2,37
	-10,0	7,88	2,39	7,72	2,41	7,57	2,44	7,49	2,45	7,42	2,47	7,26	2,49
	-5,0	9,13	2,51	8,98	2,53	8,82	2,56	8,75	2,57	8,67	2,58	8,52	2,61
	0,0	10,38	2,63	10,23	2,65	10,08	2,68	10,00	2,69	9,92	2,70	9,77	2,73
	6,0	11,89	2,77	11,73	2,79	11,58	2,82	11,50	2,83	11,43	2,85	11,27	2,87
	10,0	12,89	2,86	12,74	2,89	12,58	2,92	12,51	2,93	12,43	2,94	12,28	2,97
	15,0	14,14	2,98	13,99	3,01	13,84	3,03	13,76	3,05	13,68	3,06	13,53	3,09
2.0+2.5+3.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,70	2,36	7,54	2,39	7,47	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,80	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,36	2,58	10,21	2,60	10,05	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,40	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,13	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,67	3,01	13,51	3,04
2.0+2.5+2.5+2.5+2.5	-15,0	6,58	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,12	2,30	5,97	2,32
	-10,0	7,84	2,34	7,68	2,36	7,53	2,39	7,45	2,40	7,38	2,42	7,22	2,44
	-5,0	9,09	2,46	8,94	2,48	8,78	2,51	8,71	2,52	8,63	2,53	8,48	2,56
	0,0	10,34	2,58	10,19	2,60	10,04	2,63	9,96	2,64	9,88	2,65	9,73	2,68
	6,0	11,85	2,72	11,69	2,74	11,54	2,77	11,46	2,78	11,39	2,80	11,23	2,82
	10,0	12,85	2,81	12,70	2,84	12,54	2,87	12,47	2,88	12,39	2,89	12,24	2,92
	15,0	14,10	2,93	13,95	2,96	13,80	2,98	13,72	3,00	13,64	3,01	13,49	3,04

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0,2.5,3.5,4.2,5.0,6.0 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C WB]

3D104265A

5 Capacity tables

5 - 2 Heating Capacity Tables

5MXM90M

Heating 50Hz 230V

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+2.5+2.5+2.5+3.5	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.5+2.5+2.5+2.5+4.2	-15,0	6,59	2,22	6,43	2,24	6,28	2,27	6,20	2,28	6,13	2,30	5,97	2,32
	-10,0	7,84	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,38	2,42	7,23	2,44
	-5,0	9,10	2,46	8,94	2,48	8,79	2,51	8,71	2,52	8,64	2,53	8,48	2,56
	0,0	10,35	2,58	10,20	2,60	10,04	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.5+2.5+2.5+2.5+5.0	-15,0	6,67	2,23	6,51	2,25	6,36	2,28	6,28	2,29	6,20	2,30	6,05	2,33
	-10,0	7,94	2,35	7,78	2,37	7,63	2,40	7,55	2,41	7,47	2,42	7,32	2,45
	-5,0	9,21	2,47	9,05	2,49	8,90	2,52	8,82	2,53	8,74	2,54	8,59	2,57
	0,0	10,48	2,58	10,32	2,61	10,17	2,64	10,09	2,65	10,01	2,66	9,86	2,69
	6,0	12,00	2,73	11,85	2,75	11,69	2,78	11,61	2,79	11,53	2,81	11,38	2,83
	10,0	13,02	2,82	12,86	2,85	12,71	2,88	12,63	2,89	12,55	2,90	12,39	2,93
	15,0	14,28	2,94	14,13	2,97	13,97	2,99	13,90	3,01	13,82	3,02	13,66	3,05
2.5+2.5+2.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,69	2,36	7,54	2,39	7,46	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,79	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,35	2,58	10,20	2,60	10,05	2,63	9,97	2,64	9,89	2,65	9,74	2,68
	6,0	11,86	2,72	11,70	2,74	11,55	2,77	11,47	2,78	11,40	2,80	11,24	2,82
	10,0	12,86	2,81	12,71	2,84	12,55	2,87	12,48	2,88	12,40	2,89	12,25	2,92
	15,0	14,11	2,93	13,96	2,96	13,81	2,98	13,73	3,00	13,65	3,01	13,50	3,04
2.5+2.5+2.5+3.5+4.2	-15,0	6,60	2,22	6,45	2,24	6,30	2,27	6,22	2,28	6,14	2,30	5,99	2,32
	-10,0	7,86	2,34	7,70	2,36	7,55	2,39	7,47	2,40	7,40	2,42	7,24	2,44
	-5,0	9,11	2,46	8,96	2,48	8,80	2,51	8,73	2,52	8,65	2,53	8,50	2,56
	0,0	10,36	2,58	10,21	2,60	10,06	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,12	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,66	3,01	13,51	3,04
2.5+2.5+3.5+3.5+3.5	-15,0	6,59	2,22	6,44	2,24	6,29	2,27	6,21	2,28	6,13	2,30	5,98	2,32
	-10,0	7,85	2,34	7,70	2,36	7,54	2,39	7,47	2,40	7,39	2,42	7,23	2,44
	-5,0	9,10	2,46	8,95	2,48	8,80	2,51	8,72	2,52	8,64	2,53	8,49	2,56
	0,0	10,36	2,58	10,21	2,60	10,05	2,63	9,98	2,64	9,90	2,65	9,75	2,68
	6,0	11,87	2,72	11,71	2,74	11,56	2,77	11,48	2,78	11,41	2,80	11,25	2,82
	10,0	12,87	2,81	12,72	2,84	12,56	2,87	12,49	2,88	12,41	2,89	12,26	2,92
	15,0	14,13	2,93	13,97	2,96	13,82	2,98	13,74	3,00	13,67	3,01	13,51	3,04

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.5,3.5,4.2,5.0 kW class
   Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

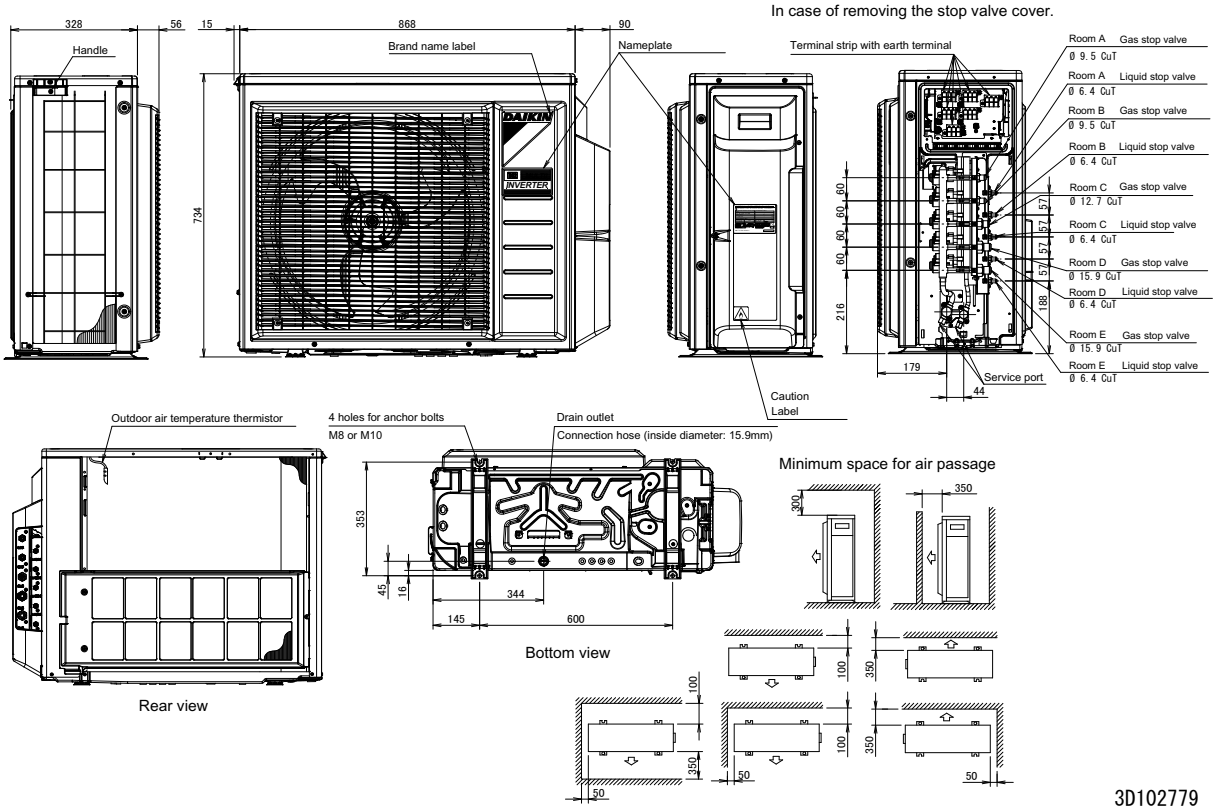
② Outdoor air temperature [°C WB]

3D104266A

6 Dimensional drawings

6 - 1 Dimensional Drawings

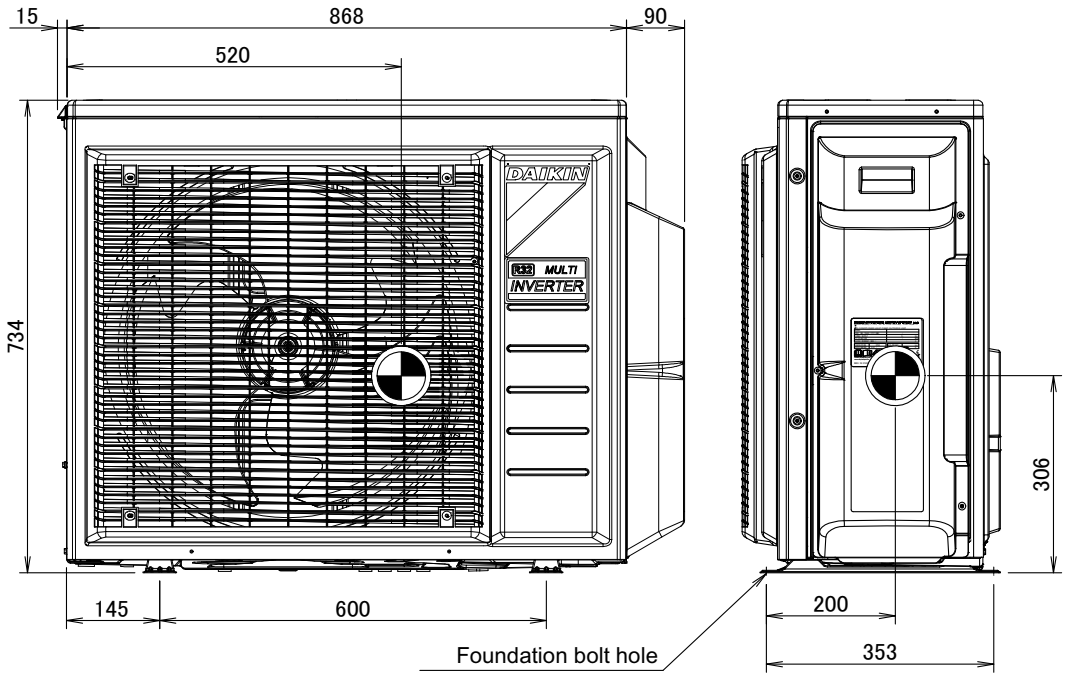
5MXM-M



7 Centre of gravity

7 - 1 Centre of Gravity

5MXM-M

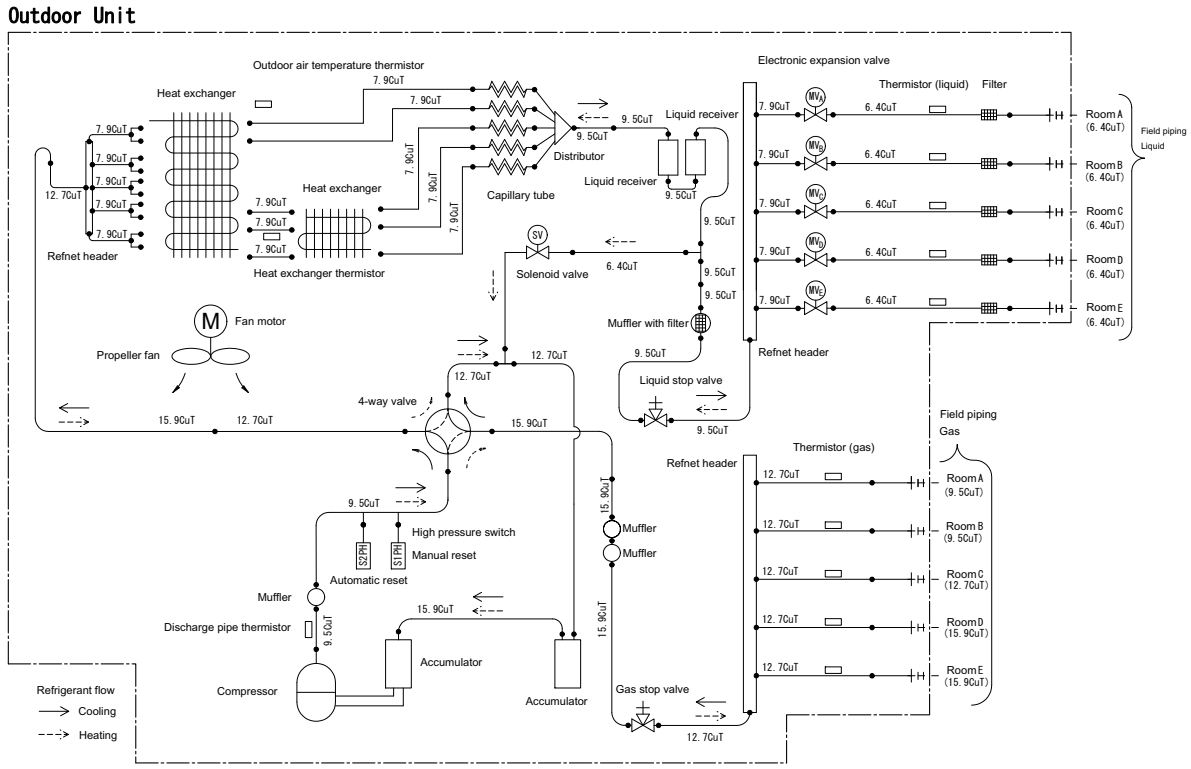


4D102821

8 Piping diagrams

8 - 1 Piping Diagrams

5MXM-M

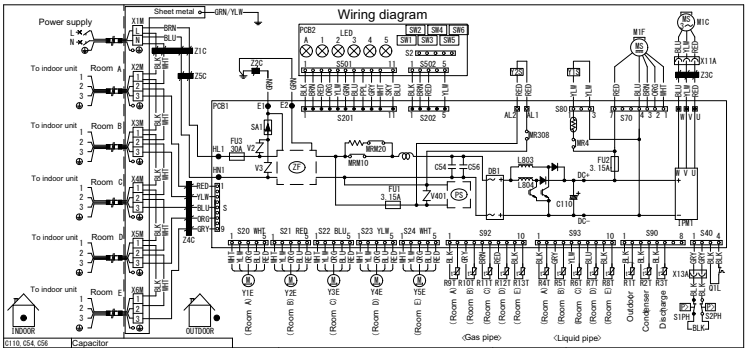


3D100792A

9 Wiring diagrams

9 - 1 Wiring Diagrams - Single Phase

5MXM-M



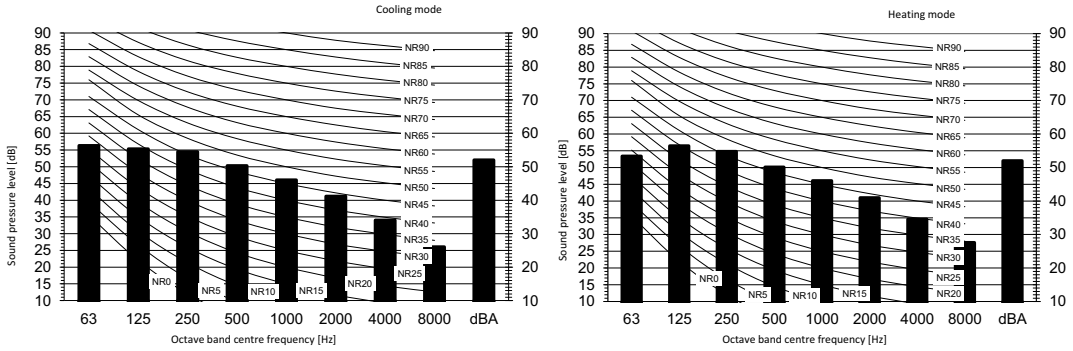
C110, CS4, CS6	Capacitor	49L	Overload protector	ZF	Noise filter	
DB1	Diode bridge	R1T-R13T	Thermistor	S, S2-S502	Connector	
FU1, FU2, FU3	Fuse	SA1	Surge arrestor	U, V, W	Connector	
TPM1	Intelligent power module	S1PH, S2PH	High pressure switch	X11A, X13A, AL1, AL2	Connector	
L803, L804	Reactor	SW1-SW6	Switch		Field wiring	
LED1~5, LEDA	Light-emitting diode	V2, V3, V401	Varistor		Screw terminal	
M1C	Compressor motor	X1M~X6M	Terminal strip with earth terminal		Connector	
M1F	Fan motor	Y1E~Y5E	Electronic expansion valve coil	BLK: black	GRY: grey	SKY BLU: sky blue
MRM10, MRM20	Magnetic relay	Y1S	Reversing solenoid valve coil	BLU: blue	ORG: orange	WHT: white
MR4, MR308, MR308	Magnetic relay	Y2S	Solenoid valve	BRN: brown	PPL: purple	YLW: yellow
PCB1, PCB2	Printed circuit board	Z1C~Z5C	Ferrite core	GRN: green	RED: red	
PS	Switching power supply					

3D100360A

10 Sound data

10 - 1 Sound Pressure Spectrum

5MXM-M



Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

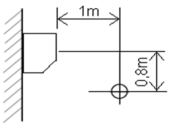
A Scale

B High-tap

Cooling	Total dB
A	B
dBA	52

Heating	Total dB
A	B
dBA	52

Location of microphone



Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

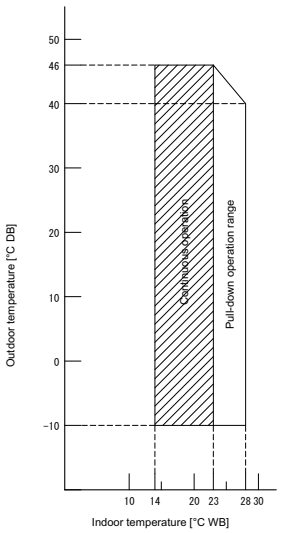
3D103030

11 Operation range

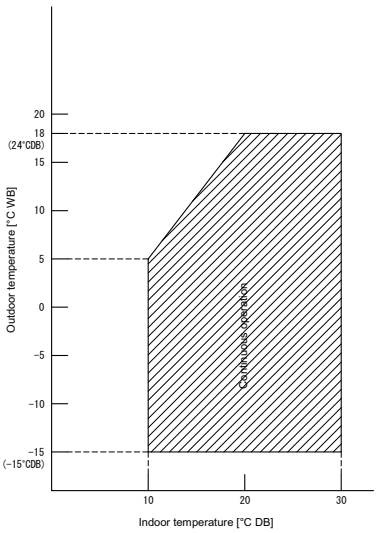
11 - 1 Operation Range

5MXM-M

Cooling



Heating



Notes

1. The graph is based on the following conditions.
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
   Air flow rate High

3D101376

Daikin Europe N.V. Naamloze Vennootschap - Zandvoordestraat 300, B-8400 Oostende - Belgium - www.daikin.eu - BE 0412 120 336 - RPR Oostende

MIX
Paper from responsible sources
FSC® C109049

EEDEN XXX-07/16

Daikin Europe N.V. participates in the Eurovent Certification programme for Liquid Chilling Packages (LCP), Air handling units (AHU), Fan coil units (FCU) and variable refrigerant flow systems (VRF) Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com

The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V.. Daikin Europe N.V. has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin Europe N.V.

Air Conditioning Technical Data

RXM-A



EEDEN24A

TABLE OF CONTENTS

RXM-A

1	Features	4
	RXM-A	4
2	Specifications	5
3	Electrical data	29
4	Capacity tables	34
	Cooling/Heating Capacity Tables	34
5	Dimensional drawings	45
6	Centre of gravity	47
7	Piping diagrams	50
8	Wiring diagrams	53
	Wiring Diagrams - Single Phase	53
9	Sound data	56
	Sound Power Spectrum	56
	Sound Pressure Spectrum	60
10	Operation range	64

1 Features

1 - 1 RXM-A

› Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
› Anti-corrosion treated outdoor heat exchanger fin
› Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency
› Outdoor units for pair application
› Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall



Outdoor unit silent operation (3 steps + auto)

2 Specifications

2 - 1 Specifications

Technical Specifications					RXM20A	RXM25A	RXM35A	RXM42A	RXM50A	RXM60A	RXM71A
Casing	Colour				Ivory white						
Dimensions	Unit	Height		mm	610				734		
		Width		mm	923				954		
		Depth		mm	367				401		
	Packed unit	Height		mm	675				820		
		Width		mm	1,007				1,050		
		Depth		mm	450				480		
Weight	Unit			kg	36			40	49		55
	Packed unit			kg	40			43	53		60
Packing	Weight			kg	4						5
Heat exchanger	Length			mm	869				920		
	Rows	Quantity			2						
	Fin pitch			mm	1.4						
	Stages	Quantity			26				32		
	Passes	Quantity			4.3				2.2		
	Tube type				ø7 Hi-XD						
	Tube material				Copper					-	-
	Tube diameter			mm	7					-	-
	Fin	Type			Waffle fin (PE)						
Fan	Type				Propeller fan						
	Air flow rate	Cooling	High	m^3/min	39.1			40.1	58	-	-
				cfm	1,381			1,416	2,048	-	-
			Nom.	m^3/min	38.5		39.1	40.1	58	46.6	-
				cfm	1,360		1,381	1,416	2,048	1,645	1,730
			Medium	m^3/min	36.5			38.5	56.3	-	49
				cfm	1,289			1,360	1,988	-	-
			Low	m^3/min	26.4				56.3	-	-
				cfm	932				1,988	-	-
			Silent operation	m^3/min	26.4				36.6	-	-
				cfm	932				1,293	-	-
		Heating	High	m^3/min	39.1			40.1	54.7	-	-
				cfm	1,381			1,416	1,932	-	-
			Nom.	m^3/min	35.0		38.0	38	54.7	44.1	-
				cfm	1,236		1,342		1,932	1,557	1,632
			Medium	m^3/min	21.3			35.0	36.6	-	46.2
				cfm	752			1,236	1,293	-	-
Fan	Air flow rate	Heating	Low	m^3/min	16.3			26.4	36.6	-	-
				cfm	576			932	1,293	-	-
Fan motor	Model				DFC05A3VA				D55F-31	DFC07A1VA	
	Output			W	50				40	55	128
	Speed	Cooling	High	rpm	850			870	760		880
			Nom.	rpm	840		850	870	760	740	780
			Medium	rpm	800			840	740	-	-
			Low	rpm	600				740	640	700
			Super low	rpm	600				500	-	-
		Heating	High	rpm	850			870	720		780
			Nom.	rpm	770		830		720		740
			Low	rpm	400			600	500	660	680
			Medium	rpm	500			770	500	-	-
Compressor	Model				1Y091BKBX1P#D			2YC40JXD#D	2YC40JXD#D	2Y147BKBX1P#D	2Y260BPBX1P#C
	Oil Amount			cm^3	375				650		900
	Type				Hermetically sealed swing compressor						
	Output			W	800				1,300		2,400
	Oil Type				FW68DA						
Operation range	Cooling	Ambient	Min.	°CDB	-10						
			Max.	°CDB	50				50 (1) / 46 (1)	50	46
	Heating	Ambient	Min.	°CWB	-21				-21 (1) / -15 (1)	-21	-15
				°CDB	-20				-20 (1) / -15 (1)	-20	-15
			Max.	°CWB	18						
				°CDB	24						
Sound power level	Cooling	Max		dBA	61		62		63	-	-
		Nom.		dBA	58			61	62	63	66
		Night quiet mode		dBA	56			58	58	-	-
		Tonal adjustment		dBA	0				0	-	-
	Heating	Max		dBA	61		62		63	-	-
		Nom.		dBA	58		60	61	62	63	67
		Night quiet mode		dBA	56			58	58	-	-
		Tonal adjustment		dBA	0				0	-	-

2 Specifications

2 - 1 Specifications

Technical Specifications					RXM20A	RXM25A	RXM35A	RXM42A	RXM50A	RXM60A	RXM71A
Sound power level - Low sound mode (Stb. 2020, 189)	Cooling	Max.		dBA	59		60			-	-
		Night quiet mode		dBA	55					-	-
		Tonal adjustment		dBA	0					-	-
	Heating	Max.		dBA	59		60			-	-
		Night quiet mode		dBA	55					-	-
Sound power level - Low sound mode (Stb. 2020, 189)	Heating	Tonal adjustment		dBA	0					-	-
Sound pressure level	Cooling	Nom.		dBA	46		47	48			47
	Heating	Nom.		dBA	47		49				48
Refrigerant	Type				R-32						
	Charge			kg	0.95				1.1	1.15	
	Charge			tCO2Eq	0.65				0.75	0.78	
	Control				Expansion valve						
	GWP				675						
Piping connections	Liquid	OD		mm	6.4					6	
	Gas	OD		mm	9.5				12.7		15.9
	Drain	OD		mm	16 (inner diameter of connecting hose)				16 (inner diameter of connecting hose)	16	18
	Piping length	OU - IU	Min.	m	1.5				3	-	-
			Max.	m	20			30			
		System	Chargeless	m	10						
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)						
	Level difference	IU - OU	Max.	m	15			20			
	Heat insulation				Both liquid and gas pipes						
Capacity control	Method				Inverter controlled						

Standard accessories: Installation manual;Quantity: 1;

Standard accessories: Drain joint;Quantity: 1;

Standard accessories: Refrigerant charge label;Quantity: 1;

Standard accessories: Multilingual fluorinated greenhouse gases labels;Quantity: 1;

Standard accessories: General safety precautions;Quantity: 1;

Standard accessories: LOT10 Energy Label;Quantity: 1;

Standard accessories: Drain cap;Quantity: 3;

Standard accessories: RXM50A5V1B;Quantity: 1;

Standard accessories: Drain plug;Quantity: 1;

Electrical Specifications				RXM20A	RXM25A	RXM35A	RXM42A	RXM50A	RXM60A	RXM71A
Power supply	Name			V1						
	Phase			1~						
	Frequency		Hz	50						
	Voltage		V	220-240						
Wiring connections	For power supply	Quantity		3						
		Remark		Earth wire included						
	For connection with indoor	Quantity		4						
		Remark		Earth wire included						
Current - 50Hz	Maximum fuse amps (MFA)	Maximum fuse amps (MFA)	A	10		13		16		20

(1)See separate drawing for operation range |
See separate drawing for electrical data |
Contains fluorinated greenhouse gases

Technical specifications			FBA50A9 + RXM50A	FBA60A9 + RXM60A
Cooling capacity	Nom.	kW	5.00	5.7
	Nom.	Btu/h	17,100	19,400
	Nom.	kcal/h	4,299	4,884

2 Specifications

2 - 1 Specifications

Technical specifications				FBA50A9 + RXM50A	FBA60A9 + RXM60A
Heating capacity	Nom.		kW	5.50	7
	Nom.		Btu/h	18,800	23,900
	Nom.		kcal/h	4,729	6,019
Power input	Cooling	Nom.	kW	1.41	1.64
	Heating	Nom.	kW	1.44	1.89
Nominal efficiency	EER			3.55	3.48
	COP			3.83	3.71
	Annual energy consumption		kWh	704	819
	Energy labeling Directive	Cooling		A	
		Heating		A	
Space cooling	Energy efficiency class			A++	A+
	Capacity	Pdesign	kW	5.00	5.7
	SEER			6.27	5.91
	Annual energy consumption		kWh/a	279	336
Space heating (Average climate)	Energy efficiency class			A+	
	Capacity	Pdesign	kW	4.40	4.6
	SCOP/A			4.06	4.01
	SCOPnet/A			4.08	4.03
	Pdh Heating capacity at -10°		kW	3.73	3.99
	Annual energy consumption		kWh/a	1,517	1,607
	Required back up heating cap at design conditions		kW	0.67	0.61
Space heating (Warm climate)	Energy efficiency class			A+	
	Capacity	Pdesignh	kW	2.37	2.44
	SCOP			4.48	4.43
	SCOPnet			4.49	4.44
	Annual energy consumption		kWh/a	741	770
	Required back up heating cap at design conditions		kW	0.00	0
Space cooling	A Condition	Pdc	kW	5.00	5.7
	(35°C - 27/19)	EERd		3.55	3.48
		Power input	kW	1.41	1.64
	B Condition	Pdc	kW	3.69	4.2
	(30°C - 27/19)	EERd		5.26	5.05
		Power input	kW	0.70	0.83
Space cooling	C Condition	Pdc	kW	2.37	2.71
	(25°C - 27/19)	EERd		8.41	7.97
		Power input	kW	0.28	0.34
	D Condition	Pdc	kW	1.98	2.13
	(20°C - 27/19)	EERd		10.52	8.54
		Power input	kW	0.19	0.25
Space heating (Average climate)	TOL	Tol (temperature operating limit)	°C	-15	-10
	E condition	Pdh (declared heating cap)	kW	3.47	4
	(-10°C)	COPd (declared COP)		1.95	2.68
		Power input	kW	1.78	1.82
	TBivalent	Tbiv (bivalent temperature)	°C	-7	
		Pdh (declared heating cap)	kW	3.90	4.09
		COPd (declared COP)		3.09	3.01
		Power input	kW	1.26	1.36
	A Condition	Pdh (declared heating cap)	kW	3.90	4.09
	(-7°C)	COPd (declared COP)		3.09	3.01
		Power input	kW	1.26	1.36
	B Condition	Pdh (declared heating cap)	kW	2.37	2.44
	(2°C)	COPd (declared COP)		4.20	4.18
		Power input	kW	0.56	0.58
	C Condition	Pdh (declared heating cap)	kW	1.61	1.6
	(7°C)	COPd (declared COP)		4.55	4.41
		Power input	kW	0.35	0.36
	D Condition	Pdh (declared heating cap)	kW	1.58	1.79
	(12°C)	COPd (declared COP)		5.23	5.32
		Power input	kW	0.30	0.34
Space heating (Warm climate)	TOL	Tol (temperature operating limit)	°C	-15	
	E condition	Pdh (declared heating cap)	kW	3.47	3.85
	(2°C)	COPd (declared COP)		1.95	2.11
		Power input	kW	1.78	1.82
	TBivalent	Tbiv (bivalent temperature)	°C	2	
		Pdh (declared heating cap)	kW	2.37	2.48
		COPd (declared COP)		4.20	4.18
		Power input	kW	0.56	0.59
	B Condition	Pdh (declared heating cap)	kW	2.37	2.44
	(2°C)	COPd (declared COP)		4.20	4.18
		Power input	kW	0.56	0.58

2 Specifications

2 - 1 Specifications

Technical specifications					FBA50A9 + RXM50A	FBA60A9 + RXM60A
Space heating (Warm climate)	C Condition (7°C)	Pdh (declared heating cap)		kW	1.61	1.6
		COPd (declared COP)			4.55	4.41
		Power input		kW	0.35	0.36
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.58	1.79
		COPd (declared COP)			5.23	5.32
		Power input		kW	0.30	0.34
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	2	
			Cooling	W	2	
	Standby mode	Cooling	PSB	W	13	
		Heating	PSB	W	13	
	Crankcase heater mode	PCK		W	0	
	Off mode	POFF		W	13	
Cooling	Cdc (Degradation cooling)				0.25	
Heating	Cdh (Degradation heating)				0.25	
Cooling function included					Yes	
Heating function included					Yes	
Average climate included					Yes	
Cold season included					No	
Warm season included					Yes	
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62	63
	Sound power level indoor	Cooling	Nom.	dBA	60	56
	Piping length	Cooling	Measuring condition	m	5.00	5

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

Technical specifications				FCAG50B + RXM50A	FCAG60B + RXM60A
Cooling capacity	Nom.		kW	5.00	5.7
	Nom.		Btu/h	17,100	19,400
	Nom.		kcal/h	4,299	4,884
Heating capacity	Nom.		kW	6.00	7
	Nom.		Btu/h	20,500	23,900
	Nom.		kcal/h	5,159	6,019
Power input	Cooling	Nom.	kW	1.40	1.72
	Heating	Nom.	kW	1.62	2.07
Nominal efficiency	EER			3.58	3.31
	COP			3.70	3.38
	Annual energy consumption		kWh	698	858
	Energy labeling Directive	Cooling		A	
		Heating		A	C
Space cooling	Energy efficiency class			A++	
	Capacity	Pdesign	kW	5.00	5.7
	SEER			6.54	6.4
	Annual energy consumption		kWh/a	268	312
Space heating (Average climate)	Energy efficiency class			A+	
	Capacity	Pdesign	kW	4.36	4.71
	SCOP/A			4.30	4.2
	SCOPnet/A			4.33	4.22
	Pdh Heating capacity at -10°		kW	3.86	4.12
	Annual energy consumption		kWh/a	1,418	1,569
	Required back up heating cap at design conditions		kW	0.50	0.59
Space heating (Warm climate)	Energy efficiency class			A+++	
	Capacity	Pdesignh	kW	2.35	2.53
	SCOP			5.22	5.32
	SCOPnet			5.31	5.41
	Annual energy consumption		kWh/a	630	669
	Required back up heating cap at design conditions		kW	0.00	0

2 Specifications

2 - 1 Specifications

Technical specifications					FCAG50B + RXM50A	FCAG60B + RXM60A
Space cooling	A Condition (35°C - 27/19)	Pdc		kW	5.00	5.7
		EERd			3.58	3.31
		Power input		kW	1.40	1.72
	B Condition (30°C - 27/19)	Pdc		kW	3.69	4.2
		EERd			5.17	4.7
		Power input		kW	0.71	0.89
Space cooling	C Condition (25°C - 27/19)	Pdc		kW	2.37	2.71
		EERd			8.52	7.91
		Power input		kW	0.28	0.34
	D Condition (20°C - 27/19)	Pdc		kW	1.87	1.62
		EERd			10.69	12.13
		Power input		kW	0.17	0.13
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15	-10
	E condition (-10°C)	Pdh (declared heating cap)		kW	3.86	4.12
		COPd (declared COP)			2.04	2.08
		Power input		kW	1.89	1.94
	TBivalent	Tbiv (bivalent temperature)		°C	-7	
		Pdh (declared heating cap)		kW	3.86	4.17
		COPd (declared COP)			2.81	2.56
		Power input		kW	1.37	1.63
	A Condition (-7°C)	Pdh (declared heating cap)		kW	3.86	4.17
		COPd (declared COP)			2.81	2.56
		Power input		kW	1.37	1.63
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.35	2.56
		COPd (declared COP)			4.39	4.31
		Power input		kW	0.54	0.59
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.54	1.64
		COPd (declared COP)			5.31	5.28
		Power input		kW	0.29	0.31
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.79	1.46
		COPd (declared COP)			6.47	6.51
		Power input		kW	0.28	0.22
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15	
	E condition (2°C)	Pdh (declared heating cap)		kW	3.86	4.04
		COPd (declared COP)			2.04	2.08
		Power input		kW	1.89	1.94
	TBivalent	Tbiv (bivalent temperature)		°C	2	
		Pdh (declared heating cap)		kW	2.35	2.54
		COPd (declared COP)			4.39	4.31
		Power input		kW	0.54	0.59
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.35	2.54
		COPd (declared COP)			4.39	4.31
		Power input		kW	0.54	0.59
Space heating (Warm climate)	C Condition (7°C)	Pdh (declared heating cap)		kW	1.54	1.64
		COPd (declared COP)			5.31	5.28
		Power input		kW	0.29	0.31
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.79	1.46
		COPd (declared COP)			6.47	6.51
		Power input		kW	0.28	0.22
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	15	
			Cooling	W	5	
	Standby mode	Cooling	PSB	W	8	
		Heating	PSB	W	8	
	Crankcase heater mode	PCK		W	0	
	Off mode	POFF		W	8	
Cooling	Cdc (Degradation cooling)				0.25	
Heating	Cdh (Degradation heating)				0.25	
Cooling function included					Yes	
Heating function included					Yes	
Average climate included					Yes	
Cold season included					No	
Warm season included					Yes	
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62	63
	Sound power level indoor	Cooling	Nom.	dBA	49	51
	Piping length	Cooling	Measuring condition	m	5.00	5

2 Specifications

2 - 1 Specifications

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

Technical specifications				FDXM50F9 + RXM50A	FDXM60F9 + RXM60A
Cooling capacity	Min.		kW	1.70	1.7
	Min.		Btu/h	5,800	
	Min.		kcal/h	1,462	
	Nom.		kW	5.00	6
	Nom.		Btu/h	17,100	20,500
	Nom.		kcal/h	4,299	5,159
	Max.		kW	5.30	6.5
	Max.		Btu/h	18,100	22,200
	Max.		kcal/h	4,557	5,589
Heating capacity	Min.		kW	1.70	1.7
	Min.		Btu/h	5,800	
	Min.		kcal/h	1,500	
	Nom.		kW	5.80	7
	Nom.		Btu/h	19,800	23,900
	Nom.		kcal/h	4,987	6,019
	Max.		kW	6.00	7.1
	Max.		Btu/h	20,500	24,200
	Max.		kcal/h	5,159	6,105
Power input	Cooling	Nom.	kW	1.63	2.05
	Heating	Nom.	kW	1.87	2.18
Nominal efficiency	EER			3.06	2.93
	COP			3.10	3.21
	Annual energy consumption		kWh	817	1,024
	Energy labeling Directive	Cooling		B	C
		Heating		D	C
Space cooling	Energy efficiency class			A+	A
	Capacity	Pdesign	kW	5.00	6
	SEER			5.77	5.56
	Annual energy consumption		kWh/a	303	378
Space heating (Average climate)	Energy efficiency class			A	
	Capacity	Pdesign	kW	4.00	4.6
	SCOP/A			3.93	3.8
	SCOPnet/A			3.95	3.83
	Pdh Heating capacity at -10°		kW	3.54	3.94
	Annual energy consumption		kWh/a	1,424	1,693
	Required back up heating cap at design conditions		kW	0.46	0.66
Space heating (Warm climate)	Energy efficiency class			A+	
	Capacity	Pdesignh	kW	2.16	2.48
	SCOP			4.41	4.47
	SCOPnet			4.46	4.51
	Annual energy consumption		kWh/a	685	777
	Required back up heating cap at design conditions		kW	0.00	0
Space cooling	A Condition	Pdc	kW	5.00	6
	(35°C - 27/19)	EERd		3.06	2.93
		Power input	kW	1.63	2.05
	B Condition	Pdc	kW	3.69	4.43
	(30°C - 27/19)	EERd		4.96	4.64
		Power input	kW	0.74	0.95
	C Condition	Pdc	kW	2.37	2.85
	(25°C - 27/19)	EERd		8.21	6.96
		Power input	kW	0.29	0.41
	D Condition	Pdc	kW	2.26	
	(20°C - 27/19)	EERd		9.47	10.44
		Power input	kW	0.24	0.22

2 Specifications

2 - 1 Specifications

Technical specifications					FDXM50F9 + RXM50A	FDXM60F9 + RXM60A
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15	-10
	E condition (-10°C)	Pdh (declared heating cap)		kW	3.54	3.94
		COPd (declared COP)			1.89	2.31
		Power input		kW	1.87	1.95
	TBivalent	Tbiv (bivalent temperature)		°C	-7	
		Pdh (declared heating cap)		kW	3.54	4.07
		COPd (declared COP)			2.87	2.58
		Power input		kW	1.23	1.58
	A Condition (-7°C)	Pdh (declared heating cap)		kW	3.54	4.07
		COPd (declared COP)			2.87	2.58
		Power input		kW	1.23	1.58
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.16	2.48
		COPd (declared COP)			4.10	3.92
		Power input		kW	0.53	0.63
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.62	
		COPd (declared COP)			4.56	4.52
		Power input		kW	0.36	
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.92	
		COPd (declared COP)			5.49	5.46
Space heating (Average climate)	D Condition (12°C)	Power input		kW	0.35	
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15	
	E condition (2°C)	Pdh (declared heating cap)		kW	3.54	3.72
		COPd (declared COP)			1.89	1.91
		Power input		kW	1.87	1.95
	TBivalent	Tbiv (bivalent temperature)		°C	2	
		Pdh (declared heating cap)		kW	2.16	2.48
		COPd (declared COP)			4.10	3.92
		Power input		kW	0.53	0.63
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.16	2.48
		COPd (declared COP)			4.10	3.92
		Power input		kW	0.53	0.63
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.62	
		COPd (declared COP)			4.56	4.52
		Power input		kW	0.36	
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.92	
		COPd (declared COP)			5.49	5.46
		Power input		kW	0.35	
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	9	
			Cooling	W	9	
	Standby mode	Cooling	PSB	W	15	
		Heating	PSB	W	15	
	Crankcase heater mode	PCK		W	0	
	Off mode	POFF		W	15	
Cooling	Cdc (Degradation cooling)				0.25	
Heating	Cdh (Degradation heating)				0.25	
Cooling function included					Yes	
Heating function included					Yes	
Average climate included					Yes	
Cold season included					No	
Warm season included					Yes	
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62	63
	Sound power level indoor	Cooling	Nom.	dBA	55	56
	Piping length	Cooling	Measuring condition	m	5.00	5

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

2 Specifications

2 - 1 Specifications

Technical specifications				FFA50A9 + RXM50A	FFA60A9 + RXM60A
Cooling capacity	Nom.		kW	5.00	5.7
	Nom.		Btu/h	17,100	19,400
	Nom.		kcal/h	4,299	4,884
Heating capacity	Nom.		kW	5.80	7
	Nom.		Btu/h	19,800	23,900
	Nom.		kcal/h	4,987	6,019
Power input	Cooling	Nom.	kW	1.54	1.86
	Heating	Nom.	kW	1.66	2.05
Nominal efficiency	EER			3.24	3.05
	COP			3.49	3.41
	Annual energy consumption		kWh	772	931
	Energy labeling Directive	Cooling		A	B
		Heating		B	
Space cooling	Energy efficiency class			A+	
	Capacity	Pdesign	kW	5.00	5.7
	SEER			5.98	5.76
	Annual energy consumption		kWh/a	293	346
Space heating (Average climate)	Energy efficiency class			A	A+
	Capacity	Pdesign	kW	3.84	3.96
	SCOP/A			3.90	4.04
	SCOPnet/A			3.92	4.06
	Pdh Heating capacity at -10°		kW	3.40	3.5
	Annual energy consumption		kWh/a	1,378	1,373
	Required back up heating cap at design conditions		kW	0.44	0.46
Space heating (Warm climate)	Energy efficiency class			A++	
	Capacity	Pdesignh	kW	2.09	2.14
	SCOP			4.79	4.74
	SCOPnet			4.83	4.79
	Annual energy consumption		kWh/a	611	631
	Required back up heating cap at design conditions		kW	0.00	0
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	5.00	5.7
		EERd		3.24	3.05
		Power input	kW	1.54	1.86
	B Condition (30°C - 27/19)	Pdc	kW	3.69	4.2
		EERd		5.38	5.34
		Power input	kW	0.69	0.79
Space cooling	C Condition (25°C - 27/19)	Pdc	kW	2.37	2.71
		EERd		7.85	7.24
		Power input	kW	0.30	0.37
	D Condition (20°C - 27/19)	Pdc	kW	2.15	2.27
		EERd		10.67	9.66
		Power input	kW	0.20	0.23
Space heating (Average climate)	TOL	Tol (temperature operating limit)	°C	-15	-10
	E condition (-10°C)	Pdh (declared heating cap)	kW	3.40	3.51
		COPd (declared COP)		1.99	2.05
		Power input	kW	1.71	
	TBivalent	Tbiv (bivalent temperature)	°C	-7	
		Pdh (declared heating cap)	kW	3.40	3.51
		COPd (declared COP)		2.62	2.84
		Power input	kW	1.30	1.24
	A Condition (-7°C)	Pdh (declared heating cap)	kW	3.40	3.51
		COPd (declared COP)		2.62	2.84
		Power input	kW	1.30	1.24
	B Condition (2°C)	Pdh (declared heating cap)	kW	2.09	2.14
		COPd (declared COP)		3.97	4.12
		Power input	kW	0.53	0.52
	C Condition (7°C)	Pdh (declared heating cap)	kW	1.47	1.49
		COPd (declared COP)		4.81	4.74
		Power input	kW	0.31	
	D Condition (12°C)	Pdh (declared heating cap)	kW	1.71	1.74
		COPd (declared COP)		5.94	5.88
		Power input	kW	0.29	0.3

2 Specifications

2 - 1 Specifications

Technical specifications					FFA50A9 + RXM50A	FFA60A9 + RXM60A
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15	
	E condition (2°C)	Pdh (declared heating cap)		kW	3.40	3.5
		COPd (declared COP)			1.99	2.05
		Power input		kW	1.71	
	TBivalent	Tbiv (bivalent temperature)		°C	2	
		Pdh (declared heating cap)		kW	2.09	2.14
		COPd (declared COP)			3.97	4.12
		Power input		kW	0.53	0.52
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.09	2.14
		COPd (declared COP)			3.97	4.12
		Power input		kW	0.53	0.52
Space heating (Warm climate)	C Condition (7°C)	Pdh (declared heating cap)		kW	1.47	1.49
		COPd (declared COP)			4.81	4.74
		Power input		kW	0.31	
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.71	1.74
		COPd (declared COP)			5.94	5.88
		Power input		kW	0.29	0.3
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	7	
			Cooling	W	7	
	Standby mode	Cooling	PSB	W	15	
		Heating	PSB	W	15	
	Crankcase heater mode	PCK		W	0	
	Off mode	POFF		W	15	
Cooling	Cdc (Degradation cooling)				0.25	
Heating	Cdh (Degradation heating)				0.25	
Cooling function included					Yes	
Heating function included					Yes	
Average climate included					Yes	
Cold season included					No	
Warm season included					Yes	
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62	63
	Sound power level indoor	Cooling	Nom.	dBA	56	60
	Piping length	Cooling	Measuring condition	m	5.00	5

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

Technical specifications				FNA50A9 + RXM50A	FNA60A9 + RXM60A
Cooling capacity	Nom.		kW	5.00	6
	Nom.		Btu/h	17,100	20,500
	Nom.		kcal/h	4,299	5,159
Heating capacity	Nom.		kW	5.80	7
	Nom.		Btu/h	19,800	23,900
	Nom.		kcal/h	4,987	6,019
Power input	Cooling	Nom.	kW	1.48	2.22
	Heating	Nom.	kW	1.74	2.25
Nominal efficiency	EER			3.38	2.7
	COP			3.34	3.11
	Annual energy consumption		kWh	740	1,111
	Energy labeling Directive	Cooling		A	D
		Heating		C	D
Space cooling	Energy efficiency class			A+	A
	Capacity	Pdesign	kW	5.00	6
	SEER			5.77	5.56
	Annual energy consumption		kWh/a	303	378

2 Specifications

2 - 1 Specifications

Technical specifications					FNA50A9 + RXM50A	FNA60A9 + RXM60A
Space heating (Average climate)	Energy efficiency class				A+	
	Capacity	Pdesign		kW	4.00	4.6
	SCOP/A				4.09	4.16
	SCOPnet/A				4.12	4.19
	Pdh Heating capacity at -10°			kW	3.54	3.94
	Annual energy consumption			kWh/a	1,368	1,547
	Required back up heating cap at design conditions			kW	0.46	0.66
Space heating (Warm climate)	Energy efficiency class				A++	
	Capacity	Pdesignh		kW	2.16	2.48
	SCOP				4.88	5.02
	SCOPnet				4.93	5.08
	Annual energy consumption			kWh/a	620	691
	Required back up heating cap at design conditions			kW	0.00	0
Space cooling	A Condition	Pdc		kW	5.00	6
	(35°C - 27/19)	EERd			3.38	2.7
		Power input		kW	1.48	2.22
	B Condition	Pdc		kW	3.69	4.43
	(30°C - 27/19)	EERd			5.02	4.64
		Power input		kW	0.74	0.95
Space cooling	C Condition	Pdc		kW	2.37	2.85
	(25°C - 27/19)	EERd			7.23	7.2
		Power input		kW	0.33	0.4
	D Condition	Pdc		kW	1.74	2.34
	(20°C - 27/19)	EERd			10.72	10.44
		Power input		kW	0.16	0.22
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15	-10
	E condition	Pdh (declared heating cap)		kW	3.54	3.94
	(-10°C)	COPd (declared COP)			1.88	1.78
		Power input		kW	1.88	2.09
	TBivalent	Tbiv (bivalent temperature)		°C	-7	
		Pdh (declared heating cap)		kW	3.54	4.07
		COPd (declared COP)			2.90	2.82
		Power input		kW	1.22	1.44
	A Condition	Pdh (declared heating cap)		kW	3.54	4.07
	(-7°C)	COPd (declared COP)			2.90	2.82
		Power input		kW	1.22	1.44
	B Condition	Pdh (declared heating cap)		kW	2.16	2.48
	(2°C)	COPd (declared COP)			4.13	4.22
		Power input		kW	0.52	0.59
	C Condition	Pdh (declared heating cap)		kW	1.66	1.59
	(7°C)	COPd (declared COP)			5.08	
		Power input		kW	0.33	0.31
	D Condition	Pdh (declared heating cap)		kW	1.96	1.95
	(12°C)	COPd (declared COP)			6.16	6.19
		Power input		kW	0.32	
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15	
	E condition	Pdh (declared heating cap)		kW	3.54	3.72
	(2°C)	COPd (declared COP)			1.88	1.78
		Power input		kW	1.88	2.09
	TBivalent	Tbiv (bivalent temperature)		°C	2	
		Pdh (declared heating cap)		kW	2.16	2.48
		COPd (declared COP)			4.13	4.22
		Power input		kW	0.52	0.59
	B Condition	Pdh (declared heating cap)		kW	2.16	2.48
	(2°C)	COPd (declared COP)			4.13	4.22
		Power input		kW	0.52	0.59
Space heating (Warm climate)	C Condition	Pdh (declared heating cap)		kW	1.66	1.59
	(7°C)	COPd (declared COP)			5.08	
		Power input		kW	0.33	0.31
	D Condition	Pdh (declared heating cap)		kW	1.96	1.95
	(12°C)	COPd (declared COP)			6.16	6.19
		Power input		kW	0.32	
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	9	
			Cooling	W	9	
	Standby mode	Cooling	PSB	W	15	
		Heating	PSB	W	15	
	Crankcase heater mode	PCK		W	0	
	Off mode	POFF		W	15	
Cooling	Cdc (Degradation cooling)				0.25	
Heating	Cdh (Degradation heating)				0.25	

2 Specifications

2 - 1 Specifications

Technical specifications					FNA50A9 + RXM50A	FNA60A9 + RXM60A
Cooling function included					Yes	
Heating function included					Yes	
Average climate included					Yes	
Cold season included					No	
Warm season included					Yes	
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62	63
	Sound power level indoor	Cooling	Nom.	dBA	56	
	Piping length	Cooling	Measuring condition	m	5.00	5

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

Technical specifications				FTXM20A + RXM20A	FTXM25A + RXM25A	FTXM35A + RXM35A	FTXM42A + RXM42A	FTXM50A + RXM50A	FTXM60A + RXM60A
Cooling capacity	Min.		kW		0.90		1.50	1.70	1.7
	Min.		Btu/h		3,100		5,100	5,800	
	Min.		kcal/h		774		1,290	1,462	
	Nom.		kW	2.00	2.50	3.50	4.20	5.00	6
	Nom.		Btu/h	6,800	8,500	11,900	14,300	17,100	20,500
	Nom.		kcal/h	1,720	2,150	3,009	3,611	4,299	5,159
	Max.		kW	3.00	3.80	4.40	5.20	5.30	7
	Max.		Btu/h	10,200	13,000	15,000	17,700	18,100	23,900
	Max.		kcal/h	2,580	3,267	3,783	4,471	4,557	6,019
Heating capacity	Min.		kW		0.80		1.50	1.70	1.7
	Min.		Btu/h		2,700		5,100	5,800	
	Min.		kcal/h		688		1,290	1,462	1,500
	Nom.		kW	2.50	2.80	4.00	5.40	5.80	7
	Nom.		Btu/h	8,500	9,600	13,600	18,400	19,800	23,900
	Nom.		kcal/h	2,150	2,408	3,439	4,643	4,987	6,019
	Max.		kW	4.50	5.00	5.50	6.20	6.50	8
	Max.		Btu/h	15,400	17,100	18,800	21,200	22,200	27,300
	Max.		kcal/h	3,869	4,299	4,729	5,331	5,589	6,879
Power input	Cooling	Nom.	kW	0.37	0.48	0.76	1.00	1.36	1.77
	Heating	Nom.	kW	0.50	0.56	0.88	1.29	1.40	1.94
Nominal efficiency	EER			5.35	5.20	4.63	4.20	3.68	3.39
	COP			5.00		4.55	4.19	4.15	3.61
	Annual energy consumption		kWh	187	240	378	500	679	885
	Energy labeling Directive	Cooling		A					
		Heating		A					
Space cooling	Energy efficiency class			A+++			A++		
	Capacity	Pdesign	kW	2.00	2.50	3.50	4.20	5.00	6
	SEER			9.47		9.25	8.11	7.80	6.9
	Annual energy consumption		kWh/a	74	92	132	181	224	304
Space heating (Average climate)	Energy efficiency class			A+++			A++		A+
	Capacity	Pdesign	kW	2.30	2.40	2.50	4.00	4.50	4.8
	SCOP/A			5.20			5.00	4.80	4.3
	SCOPnet/A			5.21			5.01	4.81	4.31
	Pdh Heating capacity at -10°		kW	2.30	2.40	2.50	4.00	4.50	3.99
	Annual energy consumption		kWh/a	619	647	673	1,120	1,312	1,562
	Required back up heating cap at design conditions		kW			0.00			0.81
Space heating (Warm climate)	Energy efficiency class			A+++					
	Capacity	Pdesignh	kW	1.24	1.30	1.41	2.16	2.43	2.63
	SCOP			6.26	6.30	6.39	6.25	5.96	5.51
	SCOPnet			6.40	6.43	6.52	6.33	6.08	5.6
	Annual energy consumption		kWh/a	277	289	309	484	571	668
	Required back up heating cap at design conditions		kW			0.00			0

2 Specifications

2 - 1 Specifications

Technical specifications					FTXM20A + RXM20A	FTXM25A + RXM25A	FTXM35A + RXM35A	FTXM42A + RXM42A	FTXM50A + RXM50A	FTXM60A + RXM60A
Space cooling	A Condition (35°C - 27/19)	Pdc		kW	2.00	2.50	3.50	4.20	5.00	6
		EERd			5.35	5.20	4.63	4.20	3.68	3.39
		Power input		kW	0.37	0.48	0.76	1.00	1.36	1.77
	B Condition (30°C - 27/19)	Pdc		kW	1.48	1.85	2.58	3.10	3.69	4.43
		EERd			8.25	7.64	7.23	6.10	5.90	4.82
		Power input		kW	0.18	0.24	0.36	0.51	0.63	0.92
	C Condition (25°C - 27/19)	Pdc		kW	1.20	1.22	1.66	1.99	2.37	2.85
		EERd			11.89	11.76	11.51	9.88	9.41	8.09
		Power input		kW	0.10		0.14	0.20	0.25	0.35
	D Condition (20°C - 27/19)	Pdc		kW	1.20	1.22	1.25	1.85	1.80	1.93
		EERd			15.30	14.79	14.30	13.40	13.49	13.26
		Power input		kW	0.08		0.09	0.14	0.13	0.15
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-10					-20
	E condition (-10°C)	Pdh (declared heating cap)		kW	2.30	2.40	2.50	4.00	4.50	3.99
		COPd (declared COP)			3.22	3.20	3.15	2.91	2.78	2.53
		Power input		kW	0.71	0.75	0.79	1.37	1.62	1.58
	TBivalent	Tbiv (bivalent temperature)		°C	-10					-7
		Pdh (declared heating cap)		kW	2.30	2.40	2.50	4.00	4.50	4.26
		COPd (declared COP)			3.22	3.20	3.15	2.91	2.78	2.68
		Power input		kW	0.71	0.75	0.79	1.37	1.62	1.59
	A Condition (-7°C)	Pdh (declared heating cap)		kW	2.04	2.13	2.22	3.54	3.99	4.26
		COPd (declared COP)			3.53	3.49	3.47	3.26	3.07	2.68
		Power input		kW	0.58	0.61	0.64	1.09	1.30	1.59
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.24	1.30	1.41	2.16	2.43	2.63
		COPd (declared COP)			5.23		5.18	4.98	4.80	4.31
		Power input		kW	0.24	0.25	0.27	0.43	0.51	0.61
	C Condition (7°C)	Pdh (declared heating cap)		kW	0.87	0.89	0.95	1.39	1.56	1.67
		COPd (declared COP)			6.28	6.31	6.48	6.30	6.13	5.64
		Power input		kW	0.14		0.15	0.22	0.25	0.3
	D Condition (12°C)	Pdh (declared heating cap)		kW	0.97		1.05	1.55	1.56	1.96
		COPd (declared COP)			7.95		8.00	7.74	7.25	6.82
Space heating (Average climate)	D Condition (12°C)	Power input		kW	0.12		0.13	0.20	0.22	0.29
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	2					-20
	E condition (2°C)	Pdh (declared heating cap)		kW	1.24	1.30	1.41	2.16	2.43	2.63
		COPd (declared COP)			5.23		5.18	4.98	4.80	4.31
		Power input		kW	0.24	0.25	0.27	0.43	0.51	0.61
	TBivalent	Tbiv (bivalent temperature)		°C	2					
		Pdh (declared heating cap)		kW	1.24	1.30	1.41	2.16	2.43	2.63
		COPd (declared COP)			5.23		5.18	4.98	4.80	4.31
		Power input		kW	0.24	0.25	0.27	0.43	0.51	0.61
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.24	1.30	1.41	2.16	2.43	2.63
		COPd (declared COP)			5.23		5.18	4.98	4.80	4.31
		Power input		kW	0.24	0.25	0.27	0.43	0.51	0.61
	C Condition (7°C)	Pdh (declared heating cap)		kW	0.87	0.89	0.95	1.39	1.56	1.67
		COPd (declared COP)			6.28	6.31	6.48	6.30	6.13	5.64
		Power input		kW	0.14		0.15	0.22	0.25	0.3
	D Condition (12°C)	Pdh (declared heating cap)		kW	0.97		1.05	1.55	1.56	1.96
		COPd (declared COP)			7.95		8.00	7.74	7.25	6.82
		Power input		kW	0.12		0.13	0.20	0.22	0.29
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	8				15	14
			Cooling	W	7				12	
	Standby mode	Cooling	PSB	W	1					
		Heating	PSB	W	1					
	Crankcase heater mode	PCK		W	0					
	Off mode	POFF		W	1					
Cooling	Cdc (Degradation cooling)				0.25					
Heating	Cdh (Degradation heating)				0.25					
Cooling function included					Yes					
Heating function included					Yes					
Average climate included					Yes					
Cold season included					No					
Warm season included					Yes					

2 Specifications

2 - 1 Specifications

Technical specifications					FTXM20A + RXM20A	FTXM25A + RXM25A	FTXM35A + RXM35A	FTXM42A + RXM42A	FTXM50A + RXM50A	FTXM60A + RXM60A
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	58			61	62	63
	Sound power level indoor	Cooling	Nom.	dBA	54		58	60		
	Piping length	Cooling	Measuring condition	m	5					
Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	B Condition (2°C) - SCOPnet/A	COPd (declared COP)			5.23 - 5.21		5.18 - 5.21	4.98 - 5.01	4.80 - 4.86	---
	SCOPnet/A				5.21			5.01	4.86	-
	C Condition (7°C) - SCOPnet/A	Pdh (declared heating cap)		kW	0.87 - 5.21	0.89 - 5.21	0.95 - 5.21	1.39 - 5.01	1.56 - 4.86	---

Technical specifications					FTXM71A + RXM71A
Cooling capacity	Min.			kW	2.3
	Min.			Btu/h	7,800
	Min.			kcal/h	1,978
	Nom.			kW	7.1
	Nom.			Btu/h	24,200
	Nom.			kcal/h	6,105
	Max.			kW	8.5
	Max.			Btu/h	29,000
	Max.			kcal/h	7,309
Heating capacity	Min.			kW	2.3
	Min.			Btu/h	7,800
	Min.			kcal/h	2,000
	Nom.			kW	8.2
	Nom.			Btu/h	28,000
	Nom.			kcal/h	7,051
	Max.			kW	10.2
	Max.			Btu/h	34,800
	Max.			kcal/h	8,770
Power input	Cooling	Nom.		kW	2.34
	Heating	Nom.		kW	2.57
Nominal efficiency	EER				3.03
	COP				3.19
	Annual energy consumption			kWh	1,172
	Energy labeling Directive	Cooling			B
		Heating			D
Space cooling	Energy efficiency class				A++
	Capacity	Pdesign		kW	7.1
	SEER				6.2
	Annual energy consumption			kWh/a	401
Space heating (Average climate)	Energy efficiency class				A+
	Capacity	Pdesign		kW	6.2
	SCOP/A				4.1
	SCOPnet/A				4.13
	Pdh Heating capacity at -10°			kW	5.01
	Annual energy consumption			kWh/a	2,116
	Required back up heating cap at design conditions			kW	1.19
Space heating (Warm climate)	Energy efficiency class				A+++
	Capacity	Pdesignh		kW	3.34
	SCOP				5.74
	SCOPnet				5.81
	Annual energy consumption			kWh/a	814
	Required back up heating cap at design conditions			kW	3.34

2 Specifications

2 - 1 Specifications

Technical specifications					FTXM71A + RXM71A
Space cooling	A Condition (35°C - 27/19)	Pdc		kW	7.1
		EERd			3.03
		Power input		kW	2.34
	B Condition (30°C - 27/19)	Pdc		kW	5.24
		EERd			4.88
		Power input		kW	1.07
	C Condition (25°C - 27/19)	Pdc		kW	3.37
		EERd			7.39
		Power input		kW	0.46
	D Condition (20°C - 27/19)	Pdc		kW	2.6
		EERd			9.69
		Power input		kW	0.27
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15
	E condition (-10°C)	Pdh (declared heating cap)		kW	5.01
		COPd (declared COP)			2.01
		Power input		kW	2.49
	TBivalent	Tbiv (bivalent temperature)		°C	-7
		Pdh (declared heating cap)		kW	5.49
		COPd (declared COP)			2.14
		Power input		kW	2.57
	A Condition (-7°C)	Pdh (declared heating cap)		kW	5.49
		COPd (declared COP)			2.14
		Power input		kW	2.57
	B Condition (2°C)	Pdh (declared heating cap)		kW	3.34
		COPd (declared COP)			4.18
		Power input		kW	0.8
	C Condition (7°C)	Pdh (declared heating cap)		kW	2.32
		COPd (declared COP)			5.8
		Power input		kW	0.4
	D Condition (12°C)	Pdh (declared heating cap)		kW	2.38
		COPd (declared COP)			7.17
Space heating (Average climate)	D Condition (12°C)	Power input		kW	0.33
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15
	E condition (2°C)	Pdh (declared heating cap)		kW	3.34
		COPd (declared COP)			4.18
		Power input		kW	0.8
	TBivalent	Tbiv (bivalent temperature)		°C	2
		Pdh (declared heating cap)		kW	3.34
		COPd (declared COP)			4.18
		Power input		kW	0.8
	B Condition (2°C)	Pdh (declared heating cap)		kW	3.34
		COPd (declared COP)			4.18
		Power input		kW	0.8
	C Condition (7°C)	Pdh (declared heating cap)		kW	2.32
		COPd (declared COP)			5.8
		Power input		kW	0.4
	D Condition (12°C)	Pdh (declared heating cap)		kW	2.38
		COPd (declared COP)			7.17
		Power input		kW	0.33
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	13
			Cooling	W	12
	Standby mode	Cooling	PSB	W	1
		Heating	PSB	W	1
	Crankcase heater mode	PCK		W	0
	Off mode	POFF		W	1
Cooling	Cdc (Degradation cooling)				0.25
Heating	Cdh (Degradation heating)				0.25
Cooling function included					Yes
Heating function included					Yes
Average climate included					Yes
Cold season included					No
Warm season included					Yes

2 Specifications

2 - 1 Specifications

Technical specifications					FTXM71A + RXM71A
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	66
	Sound power level indoor	Cooling	Nom.	dBA	62
	Piping length	Cooling	Measuring condition	m	5

Technical specifications				FTXM20R + RXM20A	FTXM25R + RXM25A	FTXM35R + RXM35A	FTXM42R + RXM42A	FTXM50R + RXM50A	FTXM60R + RXM60A
Cooling capacity	Min.		kW	1.3		1.4		1.7	
	Min.		Btu/h	4,400		4,800		5,800	
	Min.		kcal/h	1,118		1,204		1,462	
	Nom.		kW	2	2.5	3.4	4.2	5	6
	Nom.		Btu/h	6,800	8,500	11,600	14,300	17,100	20,500
	Nom.		kcal/h	1,720	2,150	2,923	3,611	4,299	5,159
	Max.		kW	2.6	3.2	4	5	6	7
	Max.		Btu/h	8,900	10,900	13,600	17,100	20,500	23,900
	Max.		kcal/h	2,236	2,752	3,439	4,299	5,159	6,019
Heating capacity	Min.		kW	1.3		1.4		1.7	
	Min.		Btu/h	4,400		4,800		5,800	
	Min.		kcal/h	1,100		1,200	1,462	1,500	
	Nom.		kW	2.5	2.8	4	5.4	5.8	7
	Nom.		Btu/h	8,500	9,600	13,600	18,400	19,800	23,900
	Nom.		kcal/h	2,150	2,408	3,439	4,643	4,987	6,019
	Max.		kW	3.5	4.7	5.2	6	7.7	8
	Max.		Btu/h	11,900	16,000	17,700	20,500	26,300	27,300
	Max.		kcal/h	3,009	4,041	4,471	5,159	6,621	6,879
Power input	Cooling	Nom.	kW	0.44	0.56	0.8	1.39	1.36	1.77
	Heating	Nom.	kW	0.5	0.56	0.99	1.36	1.45	1.94
Nominal efficiency	EER			4.57	4.5	4.23	3.03	3.68	3.39
	COP			5		4.04	3.98	4	3.61
	Annual energy consumption		kWh	219	278	402	693	679	885
	Energy labeling Directive	Cooling		A			B	A	
		Heating		A					
Space cooling	Energy efficiency class			A+++			A++		
	Capacity	Pdesign	kW	2	2.5	3.4	4.2	5	6
	SEER			8.65			7.1	7.41	6.9
	Annual energy consumption		kWh/a	81	101	137	207	236	304
Space heating (Average climate)	Energy efficiency class			A+++			A++		A+
	Capacity	Pdesign	kW	2.3	2.4	2.5	4	4.6	4.8
	SCOP/A			5.1			4.71		4.3
	SCOPnet/A			5.13	5.14		4.77	4.72	4.31
	Pdh Heating capacity at -10°		kW	2.24	2.3	2.35	2.97	3.85	3.99
	Annual energy consumption		kWh/a	631	659	686	1,190	1,368	1,562
	Required back up heating cap at design conditions		kW	0.06	0.1	0.15	1.03	0.75	0.81
Space heating (Warm climate)	Energy efficiency class			A+++					
	Capacity	Pdesignh	kW	1.24	1.3	1.35	2.16	2.48	2.63
	SCOP			6.19	6.15	6.18	6.01	5.83	5.51
	SCOPnet			6.32	6.25	6.28	6.08	5.93	5.6
	Annual energy consumption		kWh/a	279	296	306	503	596	668
	Required back up heating cap at design conditions		kW	0					

2 Specifications

2 - 1 Specifications

Technical specifications					FTXM20R + RXM20A	FTXM25R + RXM25A	FTXM35R + RXM35A	FTXM42R + RXM42A	FTXM50R + RXM50A	FTXM60R + RXM60A
Space cooling	A Condition (35°C - 27/19)	Pdc		kW	2	2.5	3.4	4.2	5	6
		EERd			4.57	4.5	4.23	3.03	3.68	3.39
		Power input		kW	0.44	0.56	0.8	1.39	1.36	1.77
	B Condition (30°C - 27/19)	Pdc		kW	1.48	1.85	2.51	3.1	3.69	4.43
		EERd			6.73	6.54	6.27	5.36	5.85	4.82
		Power input		kW	0.22	0.28	0.4	0.58	0.63	0.92
	C Condition (25°C - 27/19)	Pdc		kW	1.1	1.19	1.62	1.99	2.37	2.85
		EERd			10.52	10.14	10.16	9.1	8.43	8.09
		Power input		kW	0.1	0.12	0.16	0.22	0.28	0.35
	D Condition (20°C - 27/19)	Pdc		kW	1.05	1.17	1.07	1.77	1.83	1.93
		EERd			16.53	16.51	16.34	11.86	13	13.26
		Power input		kW	0.06	0.07		0.15	0.14	0.15
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-20			-10	-20	
	E condition (-10°C)	Pdh (declared heating cap)		kW	2.14			2.97	3.85	3.99
		COPd (declared COP)			2.29		2.5	2.84	2.05	2.53
		Power input		kW	0.93		0.86	1.05	1.88	1.58
	TBivalent	Tbiv (bivalent temperature)		°C	-7					
		Pdh (declared heating cap)		kW	2.04	2.13	2.22	3.54	4.07	4.26
		COPd (declared COP)			3.51	3.6	3.55	3.24	2.97	2.68
		Power input		kW	0.58	0.59	0.63	1.09	1.37	1.59
	A Condition (-7°C)	Pdh (declared heating cap)		kW	2.04	2.13	2.22	3.54	4.07	4.26
		COPd (declared COP)			3.51	3.6	3.55	3.24	2.97	2.68
		Power input		kW	0.58	0.59	0.63	1.09	1.37	1.59
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.24	1.3	1.35	2.16	2.48	2.63
		COPd (declared COP)			5.16	5.14	5.11	4.59	4.83	4.31
		Power input		kW	0.24	0.25	0.26	0.47	0.51	0.61
	C Condition (7°C)	Pdh (declared heating cap)		kW	0.96	0.94	0.93	1.39	1.7	1.67
		COPd (declared COP)			6.34	6.26	6.25	6.17	6.05	5.64
		Power input		kW	0.15			0.23	0.28	0.3
	D Condition (12°C)	Pdh (declared heating cap)		kW	0.99	1.08		1.61	1.98	1.96
		COPd (declared COP)			7.99	7.85	7.72	7.39	7.22	6.82
Space heating (Average climate)	D Condition (12°C)	Power input		kW	0.12	0.14		0.22	0.27	0.29
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-20			2	-20	
	E condition (2°C)	Pdh (declared heating cap)		kW	2.14			2.16	2.48	2.63
		COPd (declared COP)			2.29		2.5	4.59	4.83	4.31
		Power input		kW	0.93		0.86	0.47	0.51	0.61
	TBivalent	Tbiv (bivalent temperature)		°C	2					
		Pdh (declared heating cap)		kW	1.24	1.3	1.35	2.16	2.48	2.63
		COPd (declared COP)			5.16	5.14	5.11	4.59	4.83	4.31
		Power input		kW	0.24	0.25	0.26	0.47	0.51	0.61
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.24	1.3	1.35	2.16	2.48	2.63
		COPd (declared COP)			5.16	5.14	5.11	4.59	4.83	4.31
		Power input		kW	0.24	0.25	0.26	0.47	0.51	0.61
	C Condition (7°C)	Pdh (declared heating cap)		kW	0.96	0.94	0.93	1.39	1.7	1.67
		COPd (declared COP)			6.34	6.26	6.25	6.17	6.05	5.64
		Power input		kW	0.15			0.23	0.28	0.3
	D Condition (12°C)	Pdh (declared heating cap)		kW	0.99	1.08		1.61	1.98	1.96
		COPd (declared COP)			7.99	7.85	7.72	7.39	7.22	6.82
		Power input		kW	0.12	0.14		0.22	0.27	0.29
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	7			8	14	
			Cooling	W	6			7	12	
	Standby mode	Cooling	PSB	W	1					
		Heating	PSB	W	1					
	Crankcase heater mode	PCK		W	0					
	Off mode	POFF		W	1					
Cooling	Cdc (Degradation cooling)				0.25					
Heating	Cdh (Degradation heating)				0.25					
Cooling function included					Yes					
Heating function included					Yes					
Average climate included					Yes					
Cold season included					No					
Warm season included					Yes					

2 Specifications

2 - 1 Specifications

Technical specifications					FTXM20R + RXM20A	FTXM25R + RXM25A	FTXM35R + RXM35A	FTXM42R + RXM42A	FTXM50R + RXM50A	FTXM60R + RXM60A
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	59	58	61		62	63
	Sound power level indoor	Cooling	Nom.	dBA	57		58	60	58	60
	Piping length	Cooling	Measuring condition	m	5					
Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	B Condition (2°C) - SCOPnet/A	COPd (declared COP)			4.91 - 4.94	4.94 - 4.97	4.92 - 4.98	4.59 - 4.77	---	
	SCOPnet/A				4.94	4.97	4.98	4.77	-	
	C Condition (7°C) - SCOPnet/A	Pdh (declared heating cap)		kW	0.96 - 4.94	0.94 - 4.97	0.93 - 4.98	1.39 - 4.77	---	

Technical specifications				FTXM71R + RXM71A
Cooling capacity	Min.		kW	2.3
	Min.		Btu/h	7,800
	Min.		kcal/h	1,978
	Nom.		kW	7.1
	Nom.		Btu/h	24,200
	Nom.		kcal/h	6,105
	Max.		kW	8.5
	Max.		Btu/h	29,000
	Max.		kcal/h	7,309
Heating capacity	Min.		kW	2.3
	Min.		Btu/h	7,800
	Min.		kcal/h	2,000
	Nom.		kW	8.2
	Nom.		Btu/h	28,000
	Nom.		kcal/h	7,051
	Max.		kW	10.2
	Max.		Btu/h	34,800
	Max.		kcal/h	8,770
Power input	Cooling	Nom.	kW	2.34
	Heating	Nom.	kW	2.57
Nominal efficiency	EER			3.03
	COP			3.19
	Annual energy consumption		kWh	1,172
	Energy labeling Directive	Cooling		B
		Heating		D
Space cooling	Energy efficiency class			A++
	Capacity	Pdesign	kW	7.1
	SEER			6.2
	Annual energy consumption		kWh/a	401
Space heating (Average climate)	Energy efficiency class			A+
	Capacity	Pdesign	kW	6.2
	SCOP/A			4.1
	SCOPnet/A			4.13
	Pdh Heating capacity at -10°		kW	5.01
	Annual energy consumption		kWh/a	2,116
	Required back up heating cap at design conditions		kW	1.19
Space heating (Warm climate)	Energy efficiency class			A+++
	Capacity	Pdesignh	kW	3.34
	SCOP			5.74
	SCOPnet			5.81
	Annual energy consumption		kWh/a	814
	Required back up heating cap at design conditions		kW	3.34

2 Specifications

2 - 1 Specifications

Technical specifications					FTXM71R + RXM71A
Space cooling	A Condition (35°C - 27/19)	Pdc		kW	7.1
		EERd			3.03
		Power input		kW	2.34
	B Condition (30°C - 27/19)	Pdc		kW	5.24
		EERd			4.88
		Power input		kW	1.07
	C Condition (25°C - 27/19)	Pdc		kW	3.37
		EERd			7.39
		Power input		kW	0.46
	D Condition (20°C - 27/19)	Pdc		kW	2.6
		EERd			9.69
		Power input		kW	0.27
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15
	E condition (-10°C)	Pdh (declared heating cap)		kW	5.01
		COPd (declared COP)			2.01
		Power input		kW	2.49
	TBivalent	Tbiv (bivalent temperature)		°C	-7
		Pdh (declared heating cap)		kW	5.49
		COPd (declared COP)			2.14
		Power input		kW	2.57
	A Condition (-7°C)	Pdh (declared heating cap)		kW	5.49
		COPd (declared COP)			2.14
		Power input		kW	2.57
	B Condition (2°C)	Pdh (declared heating cap)		kW	3.34
		COPd (declared COP)			4.18
		Power input		kW	0.8
	C Condition (7°C)	Pdh (declared heating cap)		kW	2.32
		COPd (declared COP)			5.8
		Power input		kW	0.4
	D Condition (12°C)	Pdh (declared heating cap)		kW	2.38
		COPd (declared COP)			7.17
Space heating (Average climate)	D Condition (12°C)	Power input		kW	0.33
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15
	E condition (2°C)	Pdh (declared heating cap)		kW	3.34
		COPd (declared COP)			4.18
		Power input		kW	0.8
	TBivalent	Tbiv (bivalent temperature)		°C	2
		Pdh (declared heating cap)		kW	3.34
		COPd (declared COP)			4.18
		Power input		kW	0.8
	B Condition (2°C)	Pdh (declared heating cap)		kW	3.34
		COPd (declared COP)			4.18
		Power input		kW	0.8
	C Condition (7°C)	Pdh (declared heating cap)		kW	2.32
		COPd (declared COP)			5.8
		Power input		kW	0.4
	D Condition (12°C)	Pdh (declared heating cap)		kW	2.38
		COPd (declared COP)			7.17
		Power input		kW	0.33
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	13
			Cooling	W	12
	Standby mode	Cooling	PSB	W	1
		Heating	PSB	W	1
	Crankcase heater mode	PCK		W	0
	Off mode	POFF		W	1
Cooling	Cdc (Degradation cooling)				0.25
Heating	Cdh (Degradation heating)				0.25
Cooling function included					Yes
Heating function included					Yes
Average climate included					Yes
Cold season included					No
Warm season included					Yes

2 Specifications

2 - 1 Specifications

Technical specifications					FTXM71R + RXM71A
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	66
	Sound power level indoor	Cooling	Nom.	dBA	62
	Piping length	Cooling	Measuring condition	m	5

See separate drawing for operation range |
See separate drawing for electrical data |
Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m.

Technical specifications					FHA50A9 + RXM50A	FHA60A9 + RXM60A
Cooling capacity	Nom.			kW	5.00	5.7
	Nom.			Btu/h	17,100	19,400
	Nom.			kcal/h	4,299	4,884
Heating capacity	Nom.			kW	6.00	7.2
	Nom.			Btu/h	20,500	24,600
	Nom.			kcal/h	5,159	6,191
Power input	Cooling	Nom.		kW	1.56	1.73
	Heating	Nom.		kW	1.79	2.17
Nominal efficiency	EER				3.21	3.29
	COP				3.35	3.32
	Annual energy consumption			kWh	779	866
	Energy labeling Directive	Cooling			A	
		Heating			C	
Space cooling	Energy efficiency class				A+	
	Capacity	Pdesign		kW	5.00	5.7
	SEER				5.92	6.08
	Annual energy consumption			kWh/a	295	328
Space heating (Average climate)	Capacity	Pdesign		kW	4.35	4.71
	Energy efficiency class				A	
	SCOP/A				3.86	3.87
	SCOPnet/A				3.88	3.89
	Pdh Heating capacity at -10°			kW	3.85	4.08
	Annual energy consumption			kWh/a	1,577	1,704
	Required back up heating cap at design conditions			kW	0.50	0.63
Space heating (Warm climate)	Capacity	Pdesignh		kW	2.35	2.54
	Energy efficiency class				A+	A++
	SCOP				4.59	4.61
	SCOPnet				4.64	4.67
	Annual energy consumption			kWh/a	716	771
	Required back up heating cap at design conditions			kW	0.00	0
Space cooling	A Condition (35°C - 27/19)	Pdc		kW	5.00	5.7
		EERd			3.21	3.29
		Power input		kW	1.56	1.73
	B Condition (30°C - 27/19)	Pdc		kW	3.69	4.2
		EERd			5.04	4.88
		Power input		kW	0.73	0.86
Space cooling	C Condition (25°C - 27/19)	Pdc		kW	2.37	2.71
		EERd			8.25	8.34
		Power input		kW	0.29	0.33
	D Condition (20°C - 27/19)	Pdc		kW	2.31	2.26
		EERd			10.39	10.97
		Power input		kW	0.22	0.21

2 Specifications

2 - 1 Specifications

Technical specifications					FHA50A9 + RXM50A	FHA60A9 + RXM60A
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15	-10
		COPd (declared COP)			1.97	-
	TBivalent	Tbiv (bivalent temperature)		°C	-7	
		Pdh (declared heating cap)		kW	3.85	4.12
		COPd (declared COP)			2.61	2.64
		Power input		kW	1.48	1.56
	A Condition (-7°C)	Pdh (declared heating cap)		kW	3.85	4.17
		COPd (declared COP)			2.61	2.64
		Power input		kW	1.48	1.56
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.35	2.54
		COPd (declared COP)			3.95	3.96
		Power input		kW	0.59	0.64
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.54	1.63
		COPd (declared COP)			4.62	4.6
		Power input		kW	0.33	0.35
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.80	1.74
		COPd (declared COP)			5.65	
		Power input		kW	0.32	0.31
	E condition (-10°C)	Pdh (declared heating cap)		kW	-	3.85	4.05
		COPd (declared COP)			-	1.97	
		Power input		kW	-	1.95	1.99
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15	
	TBivalent	Tbiv (bivalent temperature)		°C	2	
		Pdh (declared heating cap)		kW	2.35	2.54
		COPd (declared COP)			3.95	3.96
		Power input		kW	0.59	0.64
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.35	2.54
		COPd (declared COP)			3.95	3.96
		Power input		kW	0.59	0.64
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.54	1.63
		COPd (declared COP)			4.62	4.6
Space heating (Warm climate)	C Condition (7°C)	Power input		kW	0.33	0.35
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.80	1.74
		COPd (declared COP)			5.65	
		Power input		kW	0.32	0.31
	E condition (2°C)	Pdh (declared heating cap)		kW	-	3.85	3.92
		COPd (declared COP)			-	1.97	
		Power input		kW	-	1.95	1.99
Power consumption in other than active mode	Crankcase heater mode	PCK		W	0	
	Off mode	POFF		W	15	
	Standby mode	Cooling	PSB	W	15	
		Heating	PSB	W	15	
	Thermo-stat-off mode	PTO	Cooling	W	10	
			Heating	W	10	
Cooling	Cdc (Degradation cooling)				0.25	
Heating	Cdh (Degradation heating)				0.25	
Cooling function included					Yes	
Heating function included					Yes	
Average climate included					Yes	
Cold season included					No	
Warm season included					Yes	
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62	63
	Sound power level indoor	Cooling	Nom.	dBA	54	
	Piping length	Cooling	Measuring condition	m	5.00	5

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

2 Specifications

2 - 1 Specifications

Technical specifications				FVXM50A + RXM50A
Cooling capacity	Min.		kW	1.40
	Min.		Btu/h	4,800
	Min.		kcal/h	1,204
	Nom.		kW	5.00
	Nom.		Btu/h	17,100
	Nom.		kcal/h	4,299
	Max.		kW	5.80
	Max.		Btu/h	19,800
	Max.		kcal/h	4,987
Heating capacity	Min.		kW	1.40
	Min.		Btu/h	4,800
	Min.		kcal/h	1,200
	Nom.		kW	5.80
	Nom.		Btu/h	19,800
	Nom.		kcal/h	4,987
	Max.		kW	8.10
	Max.		Btu/h	27,600
	Max.		kcal/h	6,965
Power input	Cooling	Nom.	kW	1.31
	Heating	Nom.	kW	1.52
Nominal efficiency	EER			3.81
	COP			3.81
	Annual energy consumption		kWh	656
	Energy labeling Directive	Cooling		A
		Heating		A
Space cooling	Energy efficiency class			A++
	Capacity	Pdesign	kW	5.00
	SEER			7.30
	Annual energy consumption		kWh/a	240
Space heating (Average climate)	Capacity	Pdesign	kW	4.10
	Energy efficiency class			A+
	SCOP/A			4.31
	SCOPnet/A			4.35
	Pdh Heating capacity at -10°		kW	3.58
	Annual energy consumption		kWh/a	1,330
	Required back up heating cap at design conditions		kW	0.52
Space heating (Warm climate)	Capacity	Pdesignh	kW	2.21
	Energy efficiency class			A++
	SCOP			4.85
	SCOPnet			4.94
	Annual energy consumption		kWh/a	638
	Required back up heating cap at design conditions		kW	0.00
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	5.00
		EERd		3.81
		Power input	kW	1.31
	B Condition (30°C - 27/19)	Pdc	kW	3.69
		EERd		5.49
		Power input	kW	0.67
	C Condition (25°C - 27/19)	Pdc	kW	2.37
		EERd		8.59
		Power input	kW	0.28
	D Condition (20°C - 27/19)	Pdc	kW	2.20
		EERd		12.51
		Power input	kW	0.18

2 Specifications

2 - 1 Specifications

Technical specifications					FVXM50A + RXM50A
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15
		COPd (declared COP)			1.82
	TBivalent	Tbiv (bivalent temperature)		°C	-7
		Pdh (declared heating cap)		kW	3.63
		COPd (declared COP)			3.16
		Power input		kW	1.15
	A Condition (-7°C)	Pdh (declared heating cap)		kW	3.63
		COPd (declared COP)			3.16
		Power input		kW	1.15
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.21
		COPd (declared COP)			4.45
		Power input		kW	0.50
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.67
		COPd (declared COP)			5.15
		Power input		kW	0.32
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.84
		COPd (declared COP)			5.98
		Power input		kW	0.31
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15
Space heating (Warm climate)	TBivalent	Tbiv (bivalent temperature)		°C	2
		Pdh (declared heating cap)		kW	2.21
		COPd (declared COP)			4.45
		Power input		kW	0.50
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.21
		COPd (declared COP)			4.45
		Power input		kW	0.50
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.67
		COPd (declared COP)			5.15
		Power input		kW	0.32
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.84
		COPd (declared COP)			5.98
		Power input		kW	0.31
Power consumption in other than active mode	Crankcase heater mode	PCK		W	0
	Off mode	POFF		W	1
	Standby mode	Cooling	PSB	W	1
		Heating	PSB	W	1
	Thermo-stat-off mode	PTO	Cooling	W	7
			Heating	W	15
Cooling	Cdc (Degradation cooling)				0.25
Heating	Cdh (Degradation heating)				0.25
Cooling function included					Yes
Heating function included					Yes
Average climate included					Yes
Cold season included					No
Warm season included					Yes
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62
	Sound power level indoor	Cooling	Nom.	dBA	61
	Piping length	Cooling	Measuring condition	m	5.00

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

Technical specifications			FVXM50A9 + RXM50A
Cooling capacity	Min.	kW	1.40
	Min.	Btu/h	4,800
	Min.	kcal/h	1,204
	Nom.	kW	5.00
	Nom.	Btu/h	17,100
	Nom.	kcal/h	4,299
	Max.	kW	5.80
	Max.	Btu/h	19,800
	Max.	kcal/h	4,987

2 Specifications

2 - 1 Specifications

Technical specifications				FVXM50A9 + RXM50A
Heating capacity	Min.		kW	1.40
	Min.		Btu/h	4,800
	Min.		kcal/h	1,200
	Nom.		kW	5.80
	Nom.		Btu/h	19,800
	Nom.		kcal/h	4,987
	Max.		kW	8.10
	Max.		Btu/h	27,600
	Max.		kcal/h	6,965
Power input	Cooling	Nom.	kW	1.31
	Heating	Nom.	kW	1.52
Nominal efficiency	EER			3.81
	COP			3.81
	Annual energy consumption		kWh	656
	Energy labeling Directive	Cooling		A
		Heating		A
Space cooling	Energy efficiency class			A++
	Capacity	Pdesign	kW	5.00
	SEER			7.30
	Annual energy consumption		kWh/a	240
Space heating (Average climate)	Capacity	Pdesign	kW	4.10
	Energy efficiency class			A+
	SCOP/A			4.31
	SCOPnet/A			4.35
	Pdh Heating capacity at -10°		kW	3.58
	Annual energy consumption		kWh/a	1,330
	Required back up heating cap at design conditions		kW	0.52
Space heating (Warm climate)	Capacity	Pdesignh	kW	2.21
	Energy efficiency class			A++
	SCOP			4.85
	SCOPnet			4.94
	Annual energy consumption		kWh/a	638
	Required back up heating cap at design conditions		kW	0.00
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	5.00
		EERd		3.81
		Power input	kW	1.31
	B Condition (30°C - 27/19)	Pdc	kW	3.69
		EERd		5.49
		Power input	kW	0.67
	C Condition (25°C - 27/19)	Pdc	kW	2.37
		EERd		8.59
		Power input	kW	0.28
	D Condition (20°C - 27/19)	Pdc	kW	2.20
		EERd		12.51
		Power input	kW	0.18
Space heating (Average climate)	TOL	Tol (temperature operating limit)	°C	-15
		COPd (declared COP)		1.82
	TBivalent	Tbiv (bivalent temperature)	°C	-7
		Pdh (declared heating cap)	kW	3.63
		COPd (declared COP)		3.16
		Power input	kW	1.15
	A Condition (-7°C)	Pdh (declared heating cap)	kW	3.63
		COPd (declared COP)		3.16
		Power input	kW	1.15
	B Condition (2°C)	Pdh (declared heating cap)	kW	2.21
		COPd (declared COP)		4.45
		Power input	kW	0.50
	C Condition (7°C)	Pdh (declared heating cap)	kW	1.67
		COPd (declared COP)		5.15
		Power input	kW	0.32
	D Condition (12°C)	Pdh (declared heating cap)	kW	1.84
		COPd (declared COP)		5.98
		Power input	kW	0.31
Space heating (Warm climate)	TOL	Tol (temperature operating limit)	°C	-15

2 Specifications

2 - 1 Specifications

Technical specifications					FVXM50A9 + RXM50A
Space heating (Warm climate)	TBivalent	Tbiv (bivalent temperature)		°C	2
		Pdh (declared heating cap)		kW	2.21
		COPd (declared COP)			4.45
		Power input		kW	0.50
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.21
		COPd (declared COP)			4.45
		Power input		kW	0.50
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.67
		COPd (declared COP)			5.15
		Power input		kW	0.32
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.84
		COPd (declared COP)			5.98
		Power input		kW	0.31
Power consumption in other than active mode	Crankcase heater mode	PCK		W	0
	Off mode	POFF		W	1
	Standby mode	Cooling	PSB	W	1
		Heating	PSB	W	1
	Thermo-stat-off mode	PTO	Cooling	W	7
			Heating	W	15
Cooling	Cdc (Degradation cooling)				0.25
Heating	Cdh (Degradation heating)				0.25
Cooling function included					Yes
Heating function included					Yes
Average climate included					Yes
Cold season included					No
Warm season included					Yes
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62
	Sound power level indoor	Cooling	Nom.	dBA	61
	Piping length	Cooling	Measuring condition	m	5.00

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

3 Electrical data

3 - 1 Electrical Data

ARXM35A9
ARXM25-35A
RXM25-35A9
RXM20-42A

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Outdoor unit	Indoor unit	Hz	Voltage	Voltage range	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
RXM20A5V1B	FTXM20A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	9,19	10	30	2	0,05	0,63	0,02	0,22
		50	230					1,9				
		50	240					1,8				
RXM20A5V1B	FTXM20A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	9,19	10	30	2	0,05	0,63	0,02	0,22
		50	230					1,9				
		50	240					1,8				
RXM25A5V1B	FTXM25A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10	13	38	2,5	0,05	0,63	0,02	0,22
		50	230					2,4				
		50	240					2,3				
RXM25A5V1B	FTXM25A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10	13	38	2,5	0,05	0,63	0,02	0,22
		50	230					2,4				
		50	240					2,3				
RXM35A5V1B	FTXM35A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,6	0,05	0,63	0,03	0,31
		50	230					3,4				
		50	240					3,3				
RXM35A5V1B	FTXM35A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,6	0,05	0,63	0,03	0,31
		50	230					3,4				
		50	240					3,3				
RXM42A5V1B	FTXM42A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	11,5	13	46	4,7	0,05	0,63	0,04	0,36
		50	230					4,5				
		50	240					4,3				
RXM42A5V1B	FTXM42A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	11,5	13	46	4,7	0,05	0,63	0,04	0,36
		50	230					4,5				
		50	240					4,3				
ARXM25A5V1B	ATXM25A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10	13	38	2,5	0,05	0,63	0,02	0,22
		50	230					2,4				
		50	240					2,3				
ARXM25A5V1B	ATXM25A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10	13	38	2,5	0,05	0,63	0,02	0,22
		50	230					2,4				
		50	240					2,3				
ARXM35A5V1B	ATXM35A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,7	0,05	0,63	0,03	0,31
		50	230					3,5				
		50	240					3,4				
ARXM35A5V1B	ATXM35A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,7	0,05	0,63	0,03	0,31
		50	230					3,5				
		50	240					3,4				

Symbols
- MCA: Minimum Circuit Ampere [A]
- MFA: Maximum Fuse Ampere [A]
- RLA: Rated load amps [A]
- OFM: Outdoor fan motor
- IFM: Indoor fan motor
- FLA: Full load amps [A]
- kW: Fan motor rated output [kW]
- RHz: Rated operating frequency [Hz]

Notes
1) The RLA is based on the following conditions.
   Outdoor temperature 35°C DB
   Indoor temperature 27°C DB / 19°C WB
2) Select the wire size according to the MCA.
3) The maximum allowable voltage that is unbalanced between phases is 2%.
4) Use a circuit breaker instead of a fuse.

4D148957A

3 Electrical data

3 - 1 Electrical Data

ARXM35A9
ARXM25-35A
RXM25-35A9
RXM20-42A

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Outdoor unit	Indoor unit	Hz	Voltage	Voltage range	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
RXM25A5V1B9	FTXM25A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10	13	38	2,5	0,05	0,63	0,02	0,22
		50	230					2,4				
		50	240					2,3				
RXM25A5V1B9	FTXM25A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10	13	38	2,5	0,05	0,63	0,02	0,22
		50	230					2,4				
		50	240					2,3				
RXM35A5V1B9	FTXM35A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,6	0,05	0,63	0,03	0,31
		50	230					3,4				
		50	240					3,3				
RXM35A5V1B9	FTXM35A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,6	0,05	0,63	0,03	0,31
		50	230					3,4				
		50	240					3,3				
ARXM35A5V1B9	ATXM35A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,7	0,05	0,63	0,03	0,31
		50	230					3,5				
		50	240					3,4				
ARXM35A5V1B9	ATXM35A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,7	0,05	0,63	0,03	0,31
		50	230					3,5				
		50	240					3,4				

Symbols
- MCA: Minimum Circuit Ampere [A]
- MFA: Maximum Fuse Ampere [A]
- RLA: Rated load amps [A]
- OFM: Outdoor fan motor
- IFM: Indoor fan motor
- FLA: Full load amps [A]
- kW: Fan motor rated output [kW]
- RHz: Rated operating frequency [Hz]

Notes
1) The RLA is based on the following conditions.
   Outdoor temperature 35°C DB
   Indoor temperature 27°C DB / 19°C WB
2) Select the wire size according to the MCA.
3) The maximum allowable voltage that is unbalanced between phases is 2%.
4) Use a circuit breaker instead of a fuse.

4D148957A

3 Electrical data

3 - 1 Electrical Data

ARXM50A
RXM50A

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Outdoor unit	Indoor unit	Hz	Voltage	Voltage range	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
RXM50A5V1B	FTXM50A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,28	16	64	6,5	0,056	0,37	0,04	0,36
		50	230					6,2				
		50	240					5,9				
RXM50A5V1B	FTXM50A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,28	16	64	6,5	0,056	0,37	0,04	0,36
		50	230					6,2				
		50	240					5,9				
RXM50A5V1B	FVXM50A3V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,04	16	58	5,3	0,056	0,37	0,037	0,14
		50	230					5,1				
		50	240					4,9				
RXM50A5V1B	FVXM50A3V1B9	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,04	16	58	5,3	0,056	0,37	0,037	0,14
		50	230					5,1				
		50	240					4,9				
RXM50A5V1B	FCAG50BVEB	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,21	16	58	5,2	0,056	0,37	0,048	0,3
		50	230					5				
		50	240					4,8				
RXM50A5V1B	FBA50A2VEB9	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	15,42	16	55	5,2	0,056	0,37	0,089	1,4
		50	230					5				
		50	240					4,8				
RXM50A5V1B	FHA50AVEB98	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,54	16	64	5,5	0,056	0,37	0,09	0,6
		50	230					5,3				
		50	240					5,2				
RXM50A5V1B	FFA50A2VEB9	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,32	16	62	5,6	0,056	0,37	0,05	0,4
		50	230					5,4				
		50	240					5,3				
RXM50A5V1B	FDXM50F3V1B9	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,87	16	55	4,9	0,056	0,37	0,06	0,9
		50	230					4,7				
		50	240					4,5				
RXM50A5V1B	FNA50A2VEB9	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,43	16	55	4,9	0,056	0,37	0,06	0,5
		50	230					4,7				
		50	240					4,5				
ARXM50A5V1B	ATXM50A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,28	16	64	6,7	0,056	0,37	0,04	0,36
		50	230					6,4				
		50	240					6,1				
ARXM50A5V1B	ATXM50A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,28	16	64	6,7	0,056	0,37	0,04	0,36
		50	230					6,4				
		50	240					6,1				
ARXM50A5V1B	ADEA50A2VEB	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	15,42	16	55	5,2	0,056	0,37	0,089	1,4
		50	230					5				
		50	240					4,8				
RXM50A5V1B	FVXM50B2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	14,04	16	58	5,3	0,056	0,37	0,037	0,14
		50	230					5,1				
		50	240					4,9				

Symbols

MCA:	Minimum Circuit Ampere [A]
MFA:	Maximum Fuse Ampere [A]
RLA:	Rated load amps [A]
OFM:	Outdoor fan motor
IFM:	Indoor fan motor
FLA:	Full load amps [A]
kW:	Fan motor rated output [kW]
RHz:	Rated operating frequency [Hz]

Notes

1) The RLA is based on the following conditions.
   Outdoor temperature 35°C DB
   Indoor temperature 27°C DB / 19°C WB
2) Select the wire size according to the MCA.
3) The maximum allowable voltage that is unbalanced between phases is 2%.
4) Use a circuit breaker instead of a fuse.

4D148958A

3 Electrical data

3 - 1 Electrical Data

ARXM50A9
ARXM60-71A
RXM50A9
RXM60-71A

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Outdoor unit	Indoor unit	Hz	Voltage	Voltage range	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
RXM50A5V1B9	FTXM50A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.78	16	64	6.5	0.066	0.83	0.040	0.36
		50	230					6.2				
		50	240					5.9				
RXM50A5V1B9	FTXM50A5V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.78	16	64	6.5	0.066	0.83	0.040	0.36
		50	230					6.2				
		50	240					5.9				
RXM50A5V1B9	FVXM50A3V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.54	16	58	5.3	0.066	0.83	0.037	0.14
		50	230					5.1				
		50	240					4.9				
RXM50A5V1B9	FVXM50A3V1B9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.54	16	58	5.3	0.066	0.83	0.037	0.14
		50	230					5.1				
		50	240					4.9				
RXM50A5V1B9	FCAG50BVEB	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.71	16	58	5.2	0.066	0.83	0.048	0.30
		50	230					5.0				
		50	240					4.8				
RXM50A5V1B9	FBA50A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.92	16	55	5.2	0.066	0.83	0.089	1.40
		50	230					5.0				
		50	240					4.8				
RXM50A5V1B9	FHA50AVEB98	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.04	16	64	5.5	0.066	0.83	0.090	0.60
		50	230					5.3				
		50	240					5.2				
RXM50A5V1B9	FFA50A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.82	16	62	5.6	0.066	0.83	0.050	0.40
		50	230					5.4				
		50	240					5.3				
RXM50A5V1B9	FDXM50F3V1B9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.37	16	55	4.9	0.066	0.83	0.060	0.90
		50	230					4.7				
		50	240					4.5				
RXM50A5V1B9	FNA50A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.93	16	55	4.9	0.066	0.83	0.060	0.50
		50	230					4.7				
		50	240					4.5				
ARXM50A5V1B9	ATXM50A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.78	16	64	6.7	0.066	0.83	0.040	0.36
		50	230					6.4				
		50	240					6.1				
ARXM50A5V1B9	ATXM50A5V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.78	16	64	6.7	0.066	0.83	0.040	0.36
		50	230					6.4				
		50	240					6.1				
ARXM50A5V1B9	ADEA50A2VEB	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.92	16	55	5.2	0.066	0.83	0.089	1.40
		50	230					5.0				
		50	240					4.8				
ARXM60A5V1B	ADEA60A2VEB	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.92	16	66	6.2	0.066	0.83	0.070	1.30
		50	230					6.0				
		50	240					5.7				
ARXM71A5V1B	ADEA71A2VEB	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.92	16	81	8.2	0.066	0.83	0.070	1.30
		50	230					7.8				
		50	240					7.5				
ARXM71A5V1B	FCAG71BVEB	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.37	16	81	8.1	0.066	0.83	0.054	0.40
		50	230					7.7				
		50	240					7.4				
ARXM71A5V1B	FBA71A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.92	16	81	8.2	0.066	0.83	0.070	1.30
		50	230					7.8				
		50	240					7.5				
ARXM71A5V1B	FAA71BUV1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.37	16	83	8.3	0.066	0.83	0.048	0.40
		50	230					7.9				
		50	240					7.6				
RXM60A5V1B	FTXM60R2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.59	16	70	6.6	0.066	0.83	0.046	0.60
		50	230					6.3				
		50	240					6.0				
RXM60A5V1B	FTXM60A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.59	16	70	6.6	0.066	0.83	0.046	0.60
		50	230					6.3				
		50	240					6.0				
RXM60A5V1B	FCAG60BVEB	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.26	16	71	6.5	0.066	0.83	0.048	0.30
		50	230					6.3				
		50	240					6.2				
RXM60A5V1B	FBA60A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.92	16	66	6.1	0.066	0.83	0.070	1.30
		50	230					6.0				
		50	240					5.8				
RXM60A5V1B	FHA60AVEB98	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.59	16	62	5.5	0.066	0.83	0.091	0.60
		50	230					5.3				
		50	240					5.1				
RXM60A5V1B	FFA60A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.59	16	70	6.5	0.066	0.83	0.050	0.60
		50	230					6.3				
		50	240					6.2				
RXM60A5V1B	FDXM60F3V1B9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.92	16	73	6.7	0.066	0.83	0.060	0.90
		50	230					6.5				
		50	240					6.4				
RXM60A5V1B	FNA60A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.59	16	73	6.7	0.066	0.83	0.060	0.60
		50	230					6.5				
		50	240					6.4				
RXM71A5V1B	FTXM71R2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	19.91	20	54	9.4	0.090	1.00	0.052	0.60
		50	230					8.9				
		50	240					8.6				
RXM71A5V1B	FTXM71A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	19.91	20	54	9.4	0.090	1.00	0.052	0.60
		50	230					8.9				
		50	240					8.6				

Symbols

MCA: Minimum Circuit Amperes [A]
MFA: Maximum Fuse Amperes [A]
COMP: Compressor
RHz: Rated operating frequency [H
RLA: Rated Load Amperes [A]
OFM: Outdoor fan motor
IFM: Indoor fan motor
kW: Fan motor rated output [kW]
FLA: Full Load Amperes [A]
MAX.: Maximum
MIN.: Minimum

Notes

1) The ·RLA· is based on the following conditions.
Outdoor temperature ·35·°C DB
Indoor temperature ·27·°C DB / ·19·°C WB
2) Select the wire size according to the MCA.
3) The maximum allowable voltage that is unbalanced between phases is ·2·%.
4) Use a circuit breaker instead of a fuse.

4D151784B

3 Electrical data

3 - 1 Electrical Data

ARXM50A9
ARXM60-71A
RXM50A9
RXM60-71A

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Outdoor unit	Indoor unit	Hz	Voltage	Voltage range	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
RXM50A5V1B9	FVXM50B2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.54	16	58	5.3	0.066	0.83	0.037	0.14
		50	230					5.1				
		50	240					4.9				
ARXM71A5V1B	FHA71AVEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.81	16	83	8.3	0.066	0.83	0.110	0.80
		50	230					7.9				
		50	240					7.6				
ARXM71A5V1B	FHA71AVEB99	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.81	16	83	8.3	0.066	0.83	0.110	0.80
		50	230					7.9				
		50	240					7.6				
ARXM71A5V1B	FHA71AVEB98	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.81	16	83	8.3	0.066	0.83	0.110	0.80
		50	230					7.9				
		50	240					7.6				

MCA: Minimum Circuit Amperes [A]
MFA: Maximum Fuse Amperes [A]
COMP: Compressor
RHz: Rated operating frequency [Hz]
RLA: Rated Load Amperes [A]
OFM: Outdoor fan motor
IFM: Indoor fan motor
kW: Fan motor rated output [kW]
FLA: Full Load Amperes [A]
MAX.: Maximum
MIN.: Minimum

1) The ·RLA· is based on the following conditions.
Outdoor temperature ·35·°C DB
Indoor temperature ·27·°C DB / ·19·°C WB
2) Select the wire size according to the MCA.
3) The maximum allowable voltage that is unbalanced between phases is ·2·%.
4) Use a circuit breaker instead of a fuse.

4D151784B

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXM20A / RXM20A

Cooling ·50Hz 220 -240V·

AFR	10,3
BF	0,17

Indoor air temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			**35**			40		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	2,05	1,90	0,29	1,96	1,86	0,31	1,86	1,81	0,34	1,83	1,80	0,35	1,77	1,77	0,37	1,68	1,68	0,40
16	22	2,14	1,87	0,29	2,05	1,83	0,32	1,95	1,79	0,34	1,92	1,78	0,35	1,86	1,75	0,37	1,77	1,71	0,40
18	25	2,23	2,01	0,29	2,14	1,97	0,32	2,05	1,94	0,35	2,01	1,92	0,36	1,95	1,90	0,37	1,86	1,86	0,40
19	**27**	2,28	2,17	0,29	2,19	2,13	0,32	2,09	2,09	0,35	2,06	2,06	0,36	2,00	2,00	0,37	1,91	1,91	0,40
22	30	2,42	2,11	0,29	2,32	2,08	0,32	2,23	2,05	0,35	2,19	2,03	0,36	2,14	2,02	0,38	2,05	1,99	0,40
24	32	2,51	2,07	0,30	2,42	2,04	0,32	2,32	2,01	0,35	2,29	2,00	0,36	2,23	1,98	0,38	2,14	1,96	0,41

Heating ·50Hz 220 -240V·

AFR	11,4

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	1,27	0,39	1,59	0,41	1,90	0,43	2,22	0,45	2,60	0,47	2,85	0,48
20	1,17	0,42	1,49	0,44	1,80	0,46	2,12	0,48	2,50	0,50	2,75	0,52
22	1,13	0,43	1,45	0,45	1,76	0,47	2,08	0,49	2,46	0,51	2,71	0,53
24	1,09	0,44	1,41	0,46	1,72	0,48	2,04	0,50	2,42	0,52	2,67	0,54
25	1,07	0,45	1,39	0,47	1,70	0,49	2,02	0,51	2,40	0,53	2,65	0,55
27	1,03	0,46	1,35	0,48	1,66	0,50	1,98	0,52	2,36	0,54	2,61	0,56

Heating capacity at nominal operating frequency, measured according to ·EN14511·.

Indoor air temperature	Outdoor temperature [°C WB]													
	-20		-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	1,82	0,72	2,34	0,81	2,85	0,89	3,37	0,98	3,38	1,06	4,50	1,17	4,91	1,23

Heating capacity at maximum operating frequency, measured according to ·EN14511·.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. ☐ Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

4D150084

FTXM25A / RXM25A

Cooling 50Hz 220 -240V

AFR	11,9
BF	0,16

Indoor air temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			**35**			40		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	2,56	2,29	0,37	2,44	2,23	0,40	2,33	2,18	0,44	2,28	2,16	0,45	2,21	2,13	0,48	2,10	2,08	0,51
16	22	2,68	2,25	0,37	2,56	2,20	0,41	2,44	2,15	0,44	2,40	2,13	0,46	2,33	2,10	0,48	2,21	2,05	0,51
18	25	2,79	2,41	0,37	2,68	2,36	0,41	2,56	2,32	0,44	2,51	2,30	0,46	2,44	2,27	0,48	2,33	2,23	0,52
19	**27**	2,85	2,59	0,37	2,73	2,55	0,41	2,62	2,50	0,45	2,57	2,48	0,46	2,50	2,46	0,48	2,38	2,38	0,52
22	30	3,02	2,52	0,38	2,91	2,48	0,41	2,79	2,44	0,45	2,74	2,42	0,46	2,67	2,40	0,48	2,56	2,36	0,52
24	32	3,14	2,47	0,38	3,02	2,43	0,42	2,90	2,40	0,45	2,86	2,38	0,46	2,79	2,36	0,49	2,67	2,33	0,52

Heating 50Hz 220 -240V

AFR	11,4

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	1,45	0,44	1,79	0,46	2,14	0,48	2,49	0,50	2,91	0,53	3,18	0,54
20	1,34	0,47	1,69	0,49	2,04	0,51	2,38	0,54	2,80	0,56	3,08	0,58
22	1,30	0,49	1,65	0,51	1,99	0,53	2,34	0,55	2,76	0,57	3,04	0,59
24	1,26	0,50	1,61	0,52	1,95	0,54	2,30	0,56	2,72	0,59	2,99	0,60
25	1,24	0,51	1,58	0,53	1,93	0,55	2,28	0,57	2,69	0,60	2,97	0,61
27	1,20	0,52	1,54	0,54	1,89	0,56	2,24	0,58	2,65	0,61	2,93	0,63

Heating capacity at nominal operating frequency, measured according to EN14511.

Indoor air temperature	Outdoor temperature [°C WB]													
	-20		-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	2,06	0,83	2,63	0,93	3,19	1,03	3,38	1,13	3,77	1,23	5,00	1,36	5,45	1,44

Heating capacity at maximum operating frequency, measured according to EN14511.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. ☐ Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D150085A

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXM35A / RXM35A

Cooling 50Hz 220 -240V

AFR	13,2
BF	0,23

Indoor air temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			**35**			40		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	3,59	2,79	0,58	3,42	2,71	0,64	3,26	2,63	0,69	3,19	2,60	0,71	3,10	2,55	0,75	2,93	2,48	0,80
16	22	3,75	2,74	0,58	3,58	2,67	0,64	3,42	2,59	0,70	3,36	2,57	0,72	3,26	2,52	0,75	3,10	2,45	0,81
18	25	3,91	2,89	0,59	3,75	2,82	0,64	3,58	2,75	0,70	3,52	2,73	0,72	3,42	2,69	0,75	3,26	2,62	0,81
19	**27**	3,99	3,07	0,59	3,83	3,00	0,64	3,66	2,93	0,70	3,60	2,91	0,72	3,50	2,87	0,76	3,34	2,81	0,81
22	30	4,23	2,96	0,59	4,07	2,91	0,65	3,90	2,85	0,71	3,84	2,82	0,73	3,74	2,79	0,76	3,58	2,73	0,82
24	32	4,39	2,89	0,60	4,23	2,84	0,65	4,07	2,79	0,71	4,00	2,76	0,73	3,90	2,73	0,76	3,74	2,68	0,82

Heating 50Hz 220 -240V

AFR	11,1

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,18	0,69	2,63	0,72	3,08	0,74	3,08	0,77	4,08	0,80	4,44	0,83
20	2,10	0,77	2,55	0,79	3,00	0,82	3,01	0,85	4,00	0,88	4,36	0,90
22	2,07	0,80	2,52	0,82	2,97	0,85	2,99	0,88	3,97	0,91	4,33	0,93
24	2,04	0,83	2,49	0,85	2,94	0,88	2,96	0,91	3,94	0,94	4,30	0,96
25	2,02	0,84	2,47	0,87	2,92	0,89	2,94	0,92	3,92	0,95	4,28	0,98
27	1,99	0,87	2,44	0,90	2,89	0,92	2,92	0,95	3,89	0,98	4,25	1,01

Heating capacity at nominal operating frequency, measured according to EN14511.

Indoor air temperature	Outdoor temperature [°C WB]													
	-20		-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	2,12	0,85	2,77	0,98	3,42	1,11	3,55	1,24	4,12	1,37	5,50	1,52	6,02	1,62

Heating capacity at maximum operating frequency, measured according to EN14511.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D150086A

FTXM42A / RXM42A

Cooling ·50Hz 220 -240V·

AFR	13,3
BF	0,26

Indoor air temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			**35**			40		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	4,04	2,98	0,72	4,04	2,98	0,83	3,91	2,92	0,92	3,83	2,88	0,94	3,72	2,82	0,99	3,52	2,72	1,06
16	22	4,50	3,06	0,77	4,30	2,97	0,85	4,11	2,87	0,92	4,03	2,84	0,95	3,91	2,78	0,99	3,71	2,69	1,07
18	25	4,69	3,19	0,78	4,49	3,11	0,85	4,30	3,02	0,92	4,22	2,99	0,95	4,10	2,93	1,00	3,91	2,85	1,07
19	**27**	4,79	3,36	0,78	4,59	3,27	0,85	4,40	3,19	0,93	4,32	3,16	0,96	4,20	3,11	1,00	4,00	3,03	1,07
22	30	5,08	3,23	0,78	4,88	3,16	0,86	4,69	3,08	0,93	4,61	3,06	0,96	4,49	3,01	1,01	4,29	2,94	1,08
24	32	5,27	3,14	0,79	5,07	3,08	0,86	4,88	3,01	0,94	4,80	2,98	0,97	4,68	2,94	1,01	4,49	2,88	1,08

Heating ·50Hz 220 -240V·

AFR	14,0

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,77	0,88	3,43	0,96	3,69	1,04	4,10	1,12	5,56	1,21	6,09	1,28
20	2,61	0,95	3,27	1,03	3,55	1,11	3,96	1,19	5,40	1,29	5,93	1,35
22	2,55	0,98	3,21	1,06	3,49	1,14	3,90	1,22	5,34	1,32	5,87	1,38
24	2,48	1,01	3,15	1,09	3,43	1,17	3,85	1,25	5,27	1,35	5,80	1,41
25	2,45	1,03	3,11	1,11	3,40	1,19	3,82	1,27	5,24	1,36	5,77	1,43
27	2,39	1,06	3,05	1,14	3,34	1,22	3,77	1,30	5,18	1,39	5,71	1,46

Heating capacity at nominal operating frequency, measured according to ·EN14511·.

Indoor air temperature	Outdoor temperature [°C WB]													
	-20		-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	2,36	1,02	3,10	1,13	3,84	1,24	3,94	1,34	4,57	1,45	6,20	1,59	6,79	1,67

Heating capacity at maximum operating frequency, measured according to ·EN14511·.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

4D150087

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FBA50A9 / RXM50A

AFR	15,0
BF	0,13

Cooling ·50· Hz ·220 - 240· V

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	5,12	3,84	1,08	4,89	3,72	1,18	4,66	3,61	1,29	4,56	3,56	1,33	4,42	3,49	1,39	4,19	3,38	1,50
16,0	22	5,35	3,77	1,09	5,12	3,66	1,19	4,89	3,55	1,29	4,79	3,51	1,34	4,65	3,45	1,40	4,42	3,34	1,50
18,0	25	5,58	3,95	1,09	5,35	3,85	1,20	5,12	3,75	1,30	5,02	3,71	1,34	4,88	3,66	1,40	4,65	3,56	1,51
19,0	27	5,70	4,18	1,10	5,47	4,08	1,20	5,23	3,98	1,30	5,14	3,94	1,35	5,00	3,89	1,41	4,77	3,79	1,51
22,0	30	6,04	4,03	1,11	5,81	3,94	1,21	5,58	3,86	1,31	5,49	3,82	1,35	5,35	3,77	1,42	5,11	3,69	1,52
24,0	32	6,27	3,92	1,11	6,04	3,85	1,22	5,81	3,77	1,32	5,72	3,74	1,36	5,58	3,69	1,42	5,34	3,62	1,53

AFR	15,0

Heating ·50· Hz ·220 - 240· V

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,56	1,16	3,07	1,21	3,59	1,27	4,10	1,33	5,69	1,40	6,19	1,45
20,0	2,40	1,19	2,92	1,25	3,43	1,31	3,95	1,37	5,50	1,44	6,00	1,48
22,0	2,34	1,20	2,85	1,26	3,37	1,32	3,88	1,38	5,42	1,45	5,92	1,50
24,0	2,27	1,21	2,79	1,27	3,30	1,33	3,82	1,39	5,35	1,46	5,84	1,51
25,0	2,24	1,22	2,76	1,28	3,27	1,34	3,79	1,40	5,31	1,47	5,81	1,52
27,0	2,18	1,23	2,69	1,29	3,21	1,35	3,73	1,41	5,23	1,48	5,73	1,53

Symbols

AFR : Air flow rate [m³/min]
BF : Bypass factor
EWB : Entering wet-bulb temperature (°C WB)
EDB : Entering dry-bulb temperature (°C DB)
TC : Total capacity [kW]
SHC : Sensible heat capacity [kW]
PI : Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. On the figure the ·□· mark shows the rated capacity and rated coefficient of the power input.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

3D110073D

FDXM50F9 / RXM50A

AFR	15,8
BF	0,11

Cooling ·50· Hz ·220 - 240· V

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	4,38	3,24	1,15	4,38	3,24	1,30	4,38	3,24	1,46	4,38	3,24	1,53	4,38	3,24	1,61	4,17	3,13	1,75
16,0	22	5,35	3,56	1,27	5,12	3,44	1,40	4,89	3,33	1,52	4,79	3,28	1,57	4,65	3,22	1,62	4,37	3,08	1,75
18,0	25	5,58	3,70	1,28	5,35	3,59	1,40	5,12	3,48	1,52	5,02	3,44	1,57	4,88	3,38	1,63	4,58	3,24	1,75
19,0	27	5,70	3,87	1,28	5,47	3,76	1,41	5,23	3,66	1,53	5,14	3,62	1,58	5,00	3,56	1,63	4,68	3,42	1,75
22,0	30	6,04	3,72	1,30	5,81	3,63	1,42	5,58	3,54	1,54	5,49	3,50	1,59	5,35	3,45	1,65	4,97	3,31	1,75
24,0	32	6,27	3,61	1,30	6,04	3,53	1,42	5,81	3,45	1,55	5,72	3,41	1,60	5,58	3,36	1,66	5,17	3,22	1,75

AFR	15,8

Heating ·50· Hz ·220 - 240· V

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,70	1,51	3,24	1,58	3,78	1,66	4,33	1,74	6,00	1,83	6,52	1,89
20,0	2,53	1,55	3,07	1,62	3,62	1,70	4,16	1,78	5,80	1,87	6,32	1,93
22,0	2,46	1,56	3,01	1,64	3,55	1,72	4,10	1,80	5,72	1,89	6,24	1,95
24,0	2,40	1,58	2,94	1,66	3,49	1,74	4,03	1,81	5,64	1,90	5,96	1,97
25,0	2,36	1,59	2,91	1,67	3,45	1,74	4,00	1,82	5,60	1,91	5,73	1,97
27,0	2,30	1,61	2,84	1,68	3,39	1,76	3,93	1,84	5,27	1,93	5,27	1,99

Symbols

AFR : Air flow rate [m³/min]
BF : Bypass factor
EWB : Entering wet-bulb temperature (°C WB)
EDB : Entering dry-bulb temperature (°C DB)
TC : Total capacity [kW]
SHC : Sensible heat capacity [kW]
PI : Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. On the figure the ·□· mark shows the rated capacity and rated coefficient of the power input.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

3D110080D

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FCAG50B / RXM50A

AFR	12,6
BF	0,22

Cooling ·50· Hz ·220 - 240· V

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	4,03	2,98	0,91	4,03	2,98	1,04	4,03	2,98	1,17	4,03	2,98	1,23	4,03	2,98	1,31	4,03	2,98	1,46
16,0	22	5,13	3,37	1,05	5,12	3,37	1,18	4,89	3,25	1,28	4,79	3,21	1,33	4,65	3,14	1,39	4,42	3,03	1,49
18,0	25	5,58	3,61	1,08	5,35	3,50	1,19	5,12	3,39	1,29	5,02	3,35	1,33	4,88	3,28	1,39	4,65	3,18	1,50
19,0	27	5,70	3,77	1,09	5,47	3,66	1,19	5,23	3,55	1,29	5,14	3,51	1,34	5,00	3,45	1,40	4,77	3,35	1,50
22,0	30	6,04	3,62	1,10	5,81	3,52	1,20	5,58	3,43	1,30	5,49	3,39	1,34	5,35	3,34	1,41	5,11	3,25	1,51
24,0	32	6,27	3,51	1,10	6,04	3,42	1,21	5,81	3,34	1,31	5,72	3,30	1,35	5,58	3,25	1,41	5,34	3,17	1,52

AFR	12,6

Heating ·50· Hz ·220 - 240· V

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,79	1,30	3,35	1,37	3,91	1,44	4,48	1,50	6,21	1,59	6,75	1,64
20,0	2,62	1,34	3,18	1,41	3,74	1,47	4,31	1,54	6,00	1,62	6,54	1,68
22,0	2,55	1,36	3,11	1,42	3,67	1,49	4,24	1,56	5,92	1,64	6,31	1,69
24,0	2,48	1,37	3,04	1,44	3,61	1,50	4,17	1,57	5,83	1,65	5,86	1,70
25,0	2,45	1,38	3,01	1,44	3,57	1,51	4,13	1,58	5,63	1,66	5,63	1,71
27,0	2,38	1,39	2,94	1,46	3,50	1,53	4,06	1,59	5,18	1,67	5,18	1,73

Symbols

AFR :	Air flow rate [m³/min]
BF :	Bypass factor
EWB :	Entering wet-bulb temperature (°C WB)
EDB :	Entering dry-bulb temperature (°C DB)
TC :	Total capacity [kW]
SHC :	Sensible heat capacity [kW]
PI :	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. On the figure the ·□· mark shows the rated capacity and rated coefficient of the power input.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

3D110076E

FFA50A9 / RXM50A

AFR	12,7
BF	0,16

Cooling ·50· Hz ·220 - 240· V

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	4,14	3,06	1,03	4,14	3,06	1,17	4,14	3,06	1,32	4,14	3,06	1,38	4,14	3,06	1,47	4,14	3,06	1,63
16,0	22	5,26	3,46	1,18	5,12	3,39	1,30	4,89	3,27	1,42	4,79	3,23	1,46	4,65	3,16	1,53	4,42	3,05	1,65
18,0	25	5,58	3,64	1,20	5,35	3,53	1,31	5,12	3,42	1,43	5,02	3,37	1,47	4,88	3,31	1,54	4,65	3,21	1,65
19,0	27	5,70	3,80	1,20	5,47	3,69	1,31	5,23	3,59	1,43	5,14	3,54	1,47	5,00	3,48	1,54	4,77	3,38	1,66
22,0	30	6,04	3,65	1,21	5,81	3,55	1,33	5,58	3,46	1,44	5,49	3,42	1,48	5,35	3,37	1,55	5,11	3,28	1,67
24,0	32	6,27	3,54	1,22	6,04	3,45	1,33	5,81	3,37	1,45	5,72	3,34	1,49	5,58	3,29	1,56	5,34	3,20	1,67

AFR	12,7

Heating ·50· Hz ·220 - 240· V

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,70	1,34	3,24	1,41	3,78	1,47	4,33	1,54	6,00	1,62	6,52	1,68
20,0	2,53	1,37	3,07	1,44	3,62	1,51	4,16	1,58	5,80	1,66	6,32	1,72
22,0	2,46	1,39	3,01	1,46	3,55	1,53	4,10	1,59	5,72	1,68	6,21	1,73
24,0	2,40	1,40	2,94	1,47	3,49	1,54	4,03	1,61	5,64	1,69	5,77	1,75
25,0	2,36	1,41	2,91	1,48	3,45	1,55	4,00	1,62	5,55	1,70	5,55	1,75
27,0	2,30	1,43	2,84	1,50	3,39	1,56	3,93	1,63	5,10	1,71	5,10	1,77

Symbols

AFR :	Air flow rate [m³/min]
BF :	Bypass factor
EWB :	Entering wet-bulb temperature (°C WB)
EDB :	Entering dry-bulb temperature (°C DB)
TC :	Total capacity [kW]
SHC :	Sensible heat capacity [kW]
PI :	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. On the figure the ·□· mark shows the rated capacity and rated coefficient of the power input.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

3D110085D

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXM50A / RXM50A

AFR	12,7
BF	0,23

Cooling ·50Hz 220 -240V·

Indoor air temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			**35**			40		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	4,00	2,95	0,70	4,00	2,95	0,82	4,00	2,95	0,95	4,00	2,95	1,01	4,00	2,95	1,11	4,00	2,95	1,32
16	22	5,08	3,35	0,96	5,08	3,35	1,13	4,89	3,25	1,25	4,79	3,20	1,29	4,65	3,13	1,35	4,42	3,02	1,45
18	25	5,58	3,60	1,05	5,35	3,49	1,15	5,12	3,38	1,26	5,02	3,34	1,30	4,88	3,27	1,36	4,65	3,17	1,46
19	**27**	5,70	3,76	1,06	5,47	3,65	1,16	5,23	3,54	1,26	5,14	3,50	1,30	5,00	3,44	1,36	4,77	3,34	1,46
22	30	6,04	3,61	1,07	5,81	3,51	1,17	5,58	3,42	1,27	5,49	3,38	1,31	5,35	3,33	1,37	5,11	3,24	1,47
24	32	6,27	3,50	1,07	6,04	3,41	1,17	5,81	3,33	1,27	5,72	3,29	1,31	5,58	3,24	1,37	5,34	3,16	1,47

AFR	14,5

Heating ·50Hz 220 -240V·

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,95	0,98	3,68	1,07	3,83	1,15	4,45	1,24	5,99	1,35	6,57	1,41
20	2,76	1,03	3,48	1,12	3,66	1,21	4,29	1,29	5,80	1,40	6,38	1,47
22	2,68	1,05	3,41	1,14	3,59	1,23	4,22	1,31	5,72	1,42	6,30	1,49
24	2,61	1,08	3,33	1,16	4,05	1,25	4,15	1,34	5,65	1,44	6,22	1,51
25	2,57	1,09	3,29	1,17	4,01	1,26	4,12	1,35	5,61	1,45	6,19	1,52
27	2,49	1,11	3,21	1,19	3,94	1,28	4,05	1,37	5,53	1,47	6,11	1,54

Heating capacity at nominal operating frequency, measured according to ·EN14511·.

Indoor air temperature	Outdoor temperature [°C WB]													
	-20		-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	3,20	1,41	3,84	1,47	4,47	1,53	4,44	1,58	4,99	1,64	6,50	1,71	7,01	1,76

Heating capacity at maximum operating frequency, measured according to ·EN14511·.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. [ ] Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

4D150088

FVXM50A / RXM50A
FVXM50A9 / RXM50A

AFR	11,6
BF	0,11

Cooling ·50· Hz ·220 - 240· V

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	4,34	3,70	0,95	4,28	3,70	1,07	4,18	3,69	1,18	4,11	3,69	1,23	4,06	3,69	1,29	4,01	3,69	1,39
16,0	22	5,15	3,63	1,01	5,02	3,59	1,11	4,86	3,55	1,21	4,79	3,53	1,25	4,65	3,50	1,30	4,42	3,45	1,40
18,0	25	5,48	3,87	1,02	5,32	3,84	1,12	5,12	3,80	1,21	5,02	3,79	1,25	4,88	3,78	1,31	4,65	3,77	1,41
19,0	27	5,67	4,23	1,02	5,47	4,21	1,12	5,23	4,22	1,22	5,14	4,22	1,25	5,00	4,25	1,31	4,77	4,31	1,41
22,0	30	6,04	3,82	1,03	5,81	3,78	1,13	5,58	3,75	1,22	5,49	3,75	1,26	5,35	3,74	1,32	5,11	3,76	1,42
24,0	32	6,27	3,57	1,04	6,04	3,53	1,13	5,81	3,49	1,23	5,72	3,48	1,27	5,58	3,46	1,33	5,34	3,45	1,42

AFR	12,8

Heating ·50· Hz ·220 - 240· V

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		7		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,44	0,95	3,26	1,07	4,07	1,19	4,05	1,31	6,02	1,47	6,51	1,54
20,0	2,22	1,01	3,04	1,12	3,85	1,24	3,86	1,36	5,80	1,52	6,29	1,59
22,0	2,13	1,03	2,95	1,14	3,76	1,26	3,79	1,38	5,71	1,55	6,20	1,61
24,0	2,05	1,05	2,86	1,16	3,67	1,28	3,72	1,40	5,62	1,56	6,11	1,63
25,0	2,00	1,06	2,82	1,17	3,63	1,29	3,68	1,41	5,58	1,57	6,07	1,64
27,0	1,91	1,08	2,73	1,20	3,54	1,31	3,61	1,43	5,49	1,58	5,98	1,67

Symbols

AFR :	Air flow rate [m³/min]
BF :	Bypass factor
EWB :	Entering wet-bulb temperature (°C WB)
EDB :	Entering dry-bulb temperature (°C DB)
TC :	Total capacity [kW]
SHC :	Sensible heat capacity [kW]
PI :	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

4D134323B

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FVXM50A / RXM50A

Cooling 50Hz 220-240V

AFR	11,6
BF	0,11

Indoor		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	4,34	3,70	0,95	4,28	3,70	1,07	4,18	3,69	1,18	4,11	3,69	1,23	4,06	3,69	1,29	4,01	3,69	1,39
16	22	5,15	3,63	1,01	5,02	3,59	1,11	4,86	3,55	1,21	4,79	3,53	1,25	4,65	3,50	1,30	4,42	3,45	1,40
18	25	5,48	3,87	1,02	5,32	3,84	1,12	5,12	3,80	1,21	5,02	3,79	1,25	4,88	3,78	1,31	4,65	3,77	1,41
19	27	5,67	4,23	1,02	5,47	4,21	1,12	5,23	4,22	1,22	5,14	4,22	1,25	5,00	4,25	1,31	4,77	4,31	1,41
22	30	6,04	3,82	1,03	5,81	3,78	1,13	5,58	3,75	1,22	5,49	3,75	1,26	5,35	3,74	1,32	5,11	3,76	1,42
24	32	6,27	3,57	1,04	6,04	3,53	1,13	5,81	3,49	1,23	5,72	3,48	1,27	5,58	3,46	1,33	5,34	3,45	1,42

Heating 50Hz 220-240V

AFR	12,8

Indoor	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,44	0,95	3,26	1,07	4,07	1,19	4,05	1,31	6,02	1,47	6,51	1,54
20	2,22	1,01	3,04	1,12	3,85	1,24	3,86	1,36	5,80	1,52	6,29	1,59
22	2,13	1,03	2,95	1,14	3,76	1,26	3,79	1,38	5,71	1,55	6,20	1,61
24	2,05	1,05	2,86	1,16	3,67	1,28	3,72	1,40	5,62	1,56	6,11	1,63
25	2,00	1,06	2,82	1,17	3,63	1,29	3,68	1,41	5,58	1,57	6,07	1,64
27	1,91	1,08	2,73	1,20	3,54	1,31	3,61	1,43	5,49	1,58	5,98	1,67

Symbols
AFR: Air flow rate [m³/min]
BF: Bypass factor
EWB: Entering wet-bulb temperature (°C WB)
EDB: Entering dry-bulb temperature (°C DB)
TC: Total capacity [kW]
SHC: Sensible heat capacity [kW]
PI: Power input [kW]

Notes
1) The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2) The bold cells indicate the standard conditions.
3) The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4) In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5) The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6) The air flow rate and bypass factor are mentioned in the table.

4D134323D

FHA50A9 / RXM50A

Cooling ·50· Hz ·220 - 240· V

AFR	15,0
BF	0,18

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	5,05	3,73	1,18	4,89	3,65	1,31	4,66	3,53	1,43	4,56	3,49	1,47	4,42	3,42	1,54	4,19	3,30	1,66
16,0	22	5,35	3,70	1,20	5,12	3,59	1,32	4,89	3,48	1,43	4,79	3,44	1,48	4,65	3,37	1,55	4,42	3,27	1,66
18,0	25	5,58	3,87	1,21	5,35	3,77	1,32	5,12	3,66	1,44	5,02	3,62	1,49	4,88	3,56	1,55	4,65	3,47	1,67
19,0	27	5,70	4,08	1,21	5,47	3,98	1,33	5,23	3,88	1,44	5,14	3,84	1,49	5,00	3,78	1,56	4,77	3,69	1,67
22,0	30	6,04	3,93	1,22	5,81	3,84	1,34	5,58	3,75	1,45	5,49	3,72	1,50	5,35	3,67	1,57	5,11	3,58	1,68
24,0	32	6,27	3,82	1,23	6,04	3,74	1,34	5,81	3,66	1,46	5,72	3,63	1,51	5,58	3,59	1,58	5,34	3,51	1,69

AFR	15,0

Heating ·50· Hz ·220 - 240· V

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,79	1,44	3,35	1,51	3,91	1,59	4,48	1,66	6,21	1,75	6,75	1,81
20,0	2,62	1,48	3,18	1,56	3,74	1,63	4,31	1,70	6,00	1,79	6,54	1,85
22,0	2,55	1,50	3,11	1,57	3,67	1,64	4,24	1,72	5,92	1,81	6,46	1,87
24,0	2,48	1,51	3,04	1,59	3,61	1,66	4,17	1,73	5,83	1,82	6,38	1,88
25,0	2,45	1,52	3,01	1,60	3,57	1,67	4,13	1,74	5,79	1,83	6,33	1,89
27,0	2,38	1,54	2,94	1,61	3,50	1,69	4,06	1,76	5,71	1,85	6,25	1,91

Symbols

AFR :	Air flow rate [m³/min]
BF :	Bypass factor
EWB :	Entering wet-bulb temperature (°C WB)
EDB :	Entering dry-bulb temperature (°C DB)
TC :	Total capacity [kW]
SHC :	Sensible heat capacity [kW]
PI :	Power input [kW]

Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. On the figure the ·□· mark shows the rated capacity and rated coefficient of the power input.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

3D110087E

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FNA50A9 / RXM50A

Cooling ·50· Hz ·220 - 240· V

AFR	16,0
BF	0,12

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	5,12	3,94	1,13	4,89	3,83	1,24	4,66	3,71	1,35	4,56	3,67	1,40	4,42	3,60	1,46	4,19	3,49	1,57
16,0	22	5,35	3,87	1,14	5,12	3,77	1,25	4,89	3,66	1,36	4,79	3,62	1,40	4,65	3,56	1,47	4,42	3,45	1,58
18,0	25	5,58	4,08	1,15	5,35	3,98	1,26	5,12	3,88	1,37	5,02	3,84	1,41	4,88	3,78	1,48	4,65	3,69	1,59
19,0	27	5,70	4,32	1,15	5,47	4,22	1,26	5,23	4,13	1,37	5,14	4,09	1,41	5,00	4,04	1,48	4,77	3,94	1,59
22,0	30	6,04	4,17	1,16	5,81	4,09	1,27	5,58	4,00	1,38	5,49	3,97	1,42	5,35	3,92	1,49	5,11	3,84	1,60
24,0	32	6,27	4,07	1,17	6,04	3,99	1,28	5,81	3,92	1,39	5,72	3,89	1,43	5,58	3,84	1,50	5,34	3,77	1,60

Heating ·50· Hz ·220 - 240· V

AFR	16,0

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,70	1,40	3,24	1,47	3,78	1,54	4,33	1,61	6,00	1,70	6,52	1,75
20,0	2,53	1,44	3,07	1,51	3,62	1,58	4,16	1,65	5,80	1,74	6,32	1,79
22,0	2,46	1,45	3,01	1,52	3,55	1,59	4,10	1,67	5,72	1,75	6,24	1,81
24,0	2,40	1,47	2,94	1,54	3,49	1,61	4,03	1,68	5,64	1,77	6,16	1,83
25,0	2,36	1,48	2,91	1,55	3,45	1,62	4,00	1,69	5,60	1,78	6,12	1,83
27,0	2,30	1,49	2,84	1,56	3,39	1,63	3,93	1,71	5,52	1,79	6,04	1,85

Symbols

AFR : Air flow rate [m³/min]
BF : Bypass factor
EWB : Entering wet-bulb temperature (°C WB)
EDB : Entering dry-bulb temperature (°C DB)
TC : Total capacity [kW]
SHC : Sensible heat capacity [kW]
PI : Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. On the figure the ·□· mark shows the rated capacity and rated coefficient of the power input.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

3D110091D

FBA60A9 / RXM60A

Cooling 50Hz, 220-240V

AFR	18,0
BF	0,15

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	5,84	4,42	1,26	5,57	4,28	1,38	5,31	4,16	1,50	5,20	4,10	1,55	5,04	4,03	1,62	4,78	3,90	1,74
16	22	6,10	4,34	1,26	5,84	4,22	1,38	5,57	4,09	1,51	5,47	4,05	1,55	5,31	3,97	1,63	5,04	3,86	1,75
18	25	6,36	4,56	1,27	6,10	4,44	1,39	5,83	4,33	1,51	5,73	4,29	1,56	5,57	4,22	1,63	5,30	4,11	1,76
19	27	6,50	4,82	1,27	6,23	4,71	1,40	5,97	4,60	1,52	5,86	4,56	1,57	5,70	4,49	1,64	5,43	4,39	1,76
22	30	6,89	4,65	1,29	6,62	4,55	1,41	6,36	4,46	1,53	6,25	4,42	1,58	6,09	4,36	1,65	5,83	4,27	1,77
24	32	7,15	4,53	1,29	6,89	4,44	1,41	6,62	4,36	1,54	6,52	4,32	1,58	6,36	4,27	1,66	6,09	4,18	1,78

Heating 50Hz, 220-240V

AFR	18,0

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	3,39	1,52	4,08	1,60	4,76	1,67	5,44	1,75	7,24	1,84	7,87	1,91
20	3,18	1,56	3,87	1,64	4,55	1,72	5,23	1,79	7,00	1,89	7,63	1,95
22	3,10	1,58	3,78	1,66	4,47	1,73	5,15	1,81	6,90	1,90	7,54	1,97
24	3,02	1,59	3,70	1,67	4,38	1,75	5,07	1,83	6,81	1,92	7,44	1,98
25	2,97	1,60	3,66	1,68	4,34	1,76	5,03	1,84	6,76	1,93	7,39	1,99
27	2,89	1,62	3,57	1,70	4,26	1,78	4,94	1,85	6,66	1,95	7,29	2,01

Symbols

AFR: Air flow rate [m³/min]
BF: Bypass factor
EWB: Entering wet-bulb temperature (°C WB)
EDB: Entering dry-bulb temperature (°C DB)
TC: Total capacity [kW]
SHC: Sensible heat capacity [kW]
PI: Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D151962

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FCAG60B / RXM60A

Cooling 50Hz, 220-240V

AFR	13,6
BF	0,2

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	4,47	3,30	1,12	4,47	3,30	1,28	4,47	3,30	1,44	4,47	3,30	1,51	4,47	3,30	1,61	4,47	3,30	1,78
16	22	5,68	3,73	1,27	5,68	3,73	1,43	5,57	3,68	1,58	5,47	3,63	1,63	5,31	3,55	1,71	5,04	3,42	1,84
18	25	6,36	4,09	1,34	6,10	3,96	1,16	5,83	3,83	1,59	5,73	3,78	1,64	5,57	3,71	1,72	5,30	3,59	1,85
19	27	6,50	4,26	1,34	6,23	4,14	1,47	5,97	4,01	1,59	5,86	3,97	1,65	5,70	3,89	1,72	5,43	3,78	1,85
22	30	6,89	4,09	1,35	6,62	3,98	1,48	6,36	3,87	1,61	6,25	3,83	1,66	6,09	3,76	1,73	5,83	3,66	1,86
24	32	7,15	3,96	1,36	6,89	3,86	1,49	6,62	3,76	1,61	6,52	3,73	1,66	6,36	3,67	1,74	6,09	3,57	1,87

Heating 50Hz, 220-240V

AFR	13,6

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	3,39	1,67	4,08	1,75	4,76	1,84	5,44	1,92	7,24	2,02	7,87	2,09
20	3,18	1,71	3,87	1,80	4,55	1,88	5,23	1,97	7,00	2,07	7,63	2,14
22	3,10	1,73	3,78	1,82	4,47	1,90	5,15	1,99	6,90	2,09	7,54	2,16
24	3,02	1,75	3,70	1,84	4,38	1,92	5,07	2,01	6,81	2,11	7,38	2,18
25	2,97	1,76	3,66	1,84	4,34	1,93	5,03	2,02	6,76	2,12	7,13	2,19
27	2,89	1,78	3,57	1,86	4,26	1,95	4,94	2,03	6,64	2,14	6,64	2,20

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- EWB: Entering wet-bulb temperature (°C WB)
- EDB: Entering dry-bulb temperature (°C DB)
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D151962

FDXM60F9 / RXM60A

Cooling 50Hz, 220-240V

AFR	16,0
BF	0,12

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	5,78	4,27	1,53	5,78	4,27	1,72	5,59	4,17	1,89	5,48	4,11	1,95	5,31	4,03	2,03	4,37	3,58	2,01
16	22	6,42	4,38	1,59	6,14	4,24	1,74	5,86	4,11	1,90	5,75	4,06	1,96	5,59	3,98	2,04	4,59	3,53	2,01
18	25	6,70	4,57	1,60	6,42	4,44	1,75	6,14	4,32	1,91	6,03	4,27	1,97	5,86	4,20	2,05	4,81	3,75	2,01
19	27	6,84	4,80	1,60	6,56	4,68	1,76	6,28	4,56	1,91	6,17	4,51	1,97	6,00	4,44	2,05	4,92	4,00	2,01
22	30	7,25	4,62	1,62	6,97	4,52	1,77	6,69	4,41	1,92	6,58	4,37	1,98	6,41	4,31	2,07	5,24	3,89	2,01
24	32	7,53	4,50	1,63	7,25	4,40	1,78	6,97	4,30	1,93	6,86	4,26	1,99	6,69	4,21	2,07	5,46	3,80	2,01

Heating 50Hz, 220-240V

AFR	16,0

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	3,39	1,75	4,08	1,84	4,76	1,93	5,44	2,02	7,24	2,13	7,87	2,20
20	3,18	1,80	3,87	1,89	4,55	1,98	5,23	2,07	7,00	2,18	7,63	2,25
22	3,10	1,82	3,78	1,91	4,47	2,00	5,15	2,09	6,90	2,20	7,54	2,27
24	3,02	1,84	3,70	1,93	4,38	2,02	5,07	2,11	6,81	2,22	7,44	2,29
25	2,97	1,85	3,66	1,94	4,34	2,03	5,03	2,12	6,76	2,23	7,39	2,30
27	2,89	1,87	3,57	1,96	4,26	2,05	4,94	2,14	6,66	2,25	7,29	2,32

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- EWB: Entering wet-bulb temperature (°C WB)
- EDB: Entering dry-bulb temperature (°C DB)
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D151962

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FFA60A9 / RXM60A

Cooling 50Hz, 220-240V

AFR	19,5
BF	0,2

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	5,84	4,45	1,33	5,57	4,32	1,46	5,31	4,19	1,59	5,20	4,13	1,64	5,04	4,06	1,71	4,78	3,93	1,84
16	22	6,10	4,37	1,34	5,84	4,25	1,47	5,57	4,13	1,59	5,47	4,08	1,64	5,31	4,01	1,72	5,04	3,89	1,85
18	25	6,36	4,59	1,34	6,10	4,48	1,47	5,83	4,37	1,60	5,73	4,32	1,65	5,57	4,26	1,73	5,30	4,15	1,86
19	27	6,50	4,86	1,35	6,23	4,75	1,48	5,97	4,64	1,60	5,86	4,60	1,66	5,70	4,54	1,73	5,43	4,43	1,86
22	30	6,89	4,69	1,36	6,62	4,60	1,49	6,36	4,50	1,62	6,25	4,46	1,67	6,09	4,41	1,74	5,83	4,31	1,87
24	32	7,15	4,57	1,37	6,89	4,49	1,50	6,62	4,40	1,62	6,52	4,36	1,68	6,36	4,31	1,75	6,09	4,23	1,88

Heating 50Hz, 220-240V

AFR	19,5

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	3,49	1,74	4,19	1,83	4,90	1,92	5,60	2,01	7,45	2,12	8,10	2,19
20	3,27	1,79	3,98	1,88	4,68	1,97	5,38	2,06	7,20	2,17	7,85	2,24
22	3,19	1,81	3,89	1,90	4,59	1,99	5,30	2,08	7,10	2,19	7,75	2,26
24	3,10	1,83	3,81	1,92	4,51	2,01	5,21	2,10	7,00	2,21	7,65	2,28
25	3,06	1,84	3,76	1,93	4,47	2,02	5,17	2,11	6,95	2,22	7,60	2,29
27	2,97	1,86	3,68	1,95	4,38	2,04	5,08	2,13	6,85	2,24	7,50	2,31

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- EWB: Entering wet-bulb temperature (°C WB)
- EDB: Entering dry-bulb temperature (°C DB)
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D151962

FHA60A9 / RXM60A

Cooling 50Hz, 220-240V

AFR	14,5
BF	0,11

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	5,30	3,91	1,36	5,30	3,91	1,53	5,30	3,91	1,71	5,20	3,86	1,77	5,04	3,78	1,85	4,78	3,65	1,99
16	22	6,10	4,12	1,44	5,84	3,99	1,58	5,57	3,86	1,72	5,47	3,81	1,77	5,31	3,73	1,86	5,04	3,61	1,99
18	25	6,36	4,29	1,45	6,10	4,17	1,59	5,83	4,05	1,73	5,73	4,00	1,78	5,57	3,93	1,86	5,30	3,82	2,00
19	27	6,50	4,50	1,45	6,23	4,38	1,59	5,97	4,27	1,73	5,86	4,22	1,79	5,70	4,16	1,87	5,43	4,05	2,01
22	30	6,89	4,33	1,47	6,62	4,23	1,61	6,36	4,13	1,74	6,25	4,09	1,80	6,09	4,03	1,88	5,78	3,91	2,01
24	32	7,15	4,21	1,48	6,89	4,12	1,61	6,62	4,02	1,75	6,52	3,99	1,81	6,36	3,93	1,89	6,01	3,82	2,01

Heating 50Hz, 220-240V

AFR	14,5

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	3,39	1,65	4,08	1,74	4,76	1,82	5,44	1,91	7,24	2,01	7,87	2,07
20	3,18	1,70	3,87	1,78	4,55	1,87	5,23	1,95	7,00	2,05	7,63	2,12
22	3,10	1,72	3,78	1,80	4,47	1,89	5,15	1,97	6,90	2,07	7,54	2,14
24	3,02	1,73	3,70	1,82	4,38	1,90	5,07	1,99	6,81	2,09	7,44	2,16
25	2,97	1,74	3,66	1,83	4,34	1,91	5,03	2,00	6,76	2,10	7,39	2,17
27	2,89	1,76	3,57	1,85	4,26	1,93	4,94	2,02	6,66	2,12	7,29	2,19

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- EWB: Entering wet-bulb temperature (°C WB)
- EDB: Entering dry-bulb temperature (°C DB)
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D151962

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FNA60A9 / RXM60A

AFR	16,0
BF	0,12

Cooling 50Hz, 220-240V

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	5,78	4,27	1,66	5,78	4,27	1,86	5,59	4,17	2,03	5,48	4,11	2,10	5,31	4,03	2,20	3,82	3,32	2,01
16	22	6,42	4,38	1,71	6,14	4,24	1,88	5,86	4,11	2,04	5,75	4,06	2,11	5,59	3,98	2,21	4,02	3,28	2,01
18	25	6,70	4,57	1,72	6,42	4,44	1,89	6,14	4,32	2,05	6,03	4,27	2,12	5,86	4,20	2,22	4,22	3,51	2,01
19	27	6,84	4,80	1,73	6,56	4,68	1,89	6,28	4,56	2,06	6,17	4,51	2,12	6,00	4,44	2,22	4,32	3,77	2,01
22	30	7,25	4,62	1,74	6,97	4,52	1,91	6,69	4,41	2,07	6,58	4,37	2,14	6,41	4,31	2,24	4,62	3,67	2,01
24	32	7,53	4,50	1,75	7,25	4,40	1,92	6,97	4,30	2,08	6,86	4,26	2,15	6,69	4,21	2,25	4,82	3,60	2,01

AFR	16,0

Heating 50Hz, 220-240V

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	3,39	1,81	4,08	1,90	4,76	2,00	5,44	2,09	7,24	2,20	7,87	2,27
20	3,18	1,86	3,87	1,95	4,55	2,05	5,23	2,14	7,00	2,25	7,63	2,32
22	3,10	1,88	3,78	1,97	4,47	2,07	5,15	2,16	6,90	2,27	7,54	2,35
24	3,02	1,90	3,70	1,99	4,38	2,09	5,07	2,18	6,81	2,29	7,44	2,37
25	2,97	1,91	3,66	2,00	4,34	2,10	5,03	2,19	6,76	2,30	7,39	2,38
27	2,89	1,93	3,57	2,03	4,26	2,12	4,94	2,21	6,66	2,32	7,29	2,40

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- EWB: Entering wet-bulb temperature (°C WB)
- EDB: Entering dry-bulb temperature (°C DB)
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D151962

FTXM60A / RXM60A

AFR	15,6
BF	0,23

Cooling 50Hz, 220-240V

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	6,15	4,26	1,36	5,87	4,12	1,49	5,59	3,99	1,62	5,48	3,94	1,67	5,31	3,87	1,75	5,03	3,76	1,88
16	22	6,42	4,11	1,37	6,14	3,97	1,50	5,86	3,84	1,63	5,75	3,79	1,68	5,59	3,72	1,76	5,31	3,60	1,89
18	25	6,70	4,23	1,37	6,42	4,10	1,50	6,14	3,99	1,64	6,03	3,95	1,69	5,86	3,89	1,77	5,58	3,79	1,90
19	27	6,84	4,43	1,38	6,56	4,33	1,51	6,28	4,23	1,64	6,17	4,20	1,69	6,00	4,15	1,77	5,72	4,08	1,90
22	30	7,25	4,11	1,39	6,97	4,00	1,52	6,69	3,90	1,65	6,58	3,87	1,70	6,41	3,81	1,78	6,14	3,73	1,91
24	32	7,53	3,91	1,40	7,25	3,80	1,53	6,97	3,70	1,66	6,86	3,66	1,71	6,69	3,60	1,79	6,41	3,52	1,92

AFR	15,9

Heating 50Hz, 220-240V

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		7		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	3,33	1,24	4,01	1,31	4,68	1,38	5,04	1,81	7,24	1,90	7,87	1,97
20	3,13	1,29	3,80	1,35	4,48	1,41	4,87	1,85	7,00	1,94	7,63	2,01
22	3,04	1,30	3,72	1,37	4,39	1,43	4,80	1,86	6,90	1,95	7,53	2,02
24	2,97	1,31	3,63	1,38	4,31	1,45	4,73	1,87	6,81	1,98	7,43	2,03
25	2,92	1,33	3,60	1,38	4,27	1,45	4,69	1,89	6,76	1,98	7,39	2,05
27	2,84	1,34	3,51	1,39	4,19	1,46	4,62	1,90	6,66	2,01	7,29	2,06

Heating capacity at nominal operating frequency, measured according to EN14511.

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		6		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	4,60	1,71	5,41	1,93	5,16	2,14	5,83	2,35	8,00	2,61	8,65	2,78

Heating peak capacity at maximum operating frequency

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- EWB: Entering wet-bulb temperature (°C WB)
- EDB: Entering dry-bulb temperature (°C DB)
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D151962

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXM71R / RXM71A

4

Cooling 50Hz 220-240V

AFR	15,95
BF	0,06

Indoor		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	7,27	5,06	1,80	6,94	4,90	1,97	6,61	4,74	2,14	6,48	4,69	2,21	6,28	4,61	2,32	5,95	4,48	2,49
16	22	7,60	4,88	1,81	7,27	4,72	1,98	6,94	4,57	2,15	6,81	4,51	2,22	6,61	4,42	2,33	6,28	4,29	2,50
18	25	7,93	5,02	1,82	7,60	4,88	1,99	7,27	4,75	2,16	7,13	4,70	2,23	6,94	4,63	2,34	6,61	4,52	2,51
19	27	8,09	5,28	1,82	7,76	5,16	2,00	7,43	5,05	2,17	7,30	5,01	2,24	7,10	4,95	2,34	6,77	4,88	2,52
22	30	8,58	4,89	1,84	8,25	4,76	2,01	7,92	4,65	2,19	7,79	4,60	2,25	7,59	4,54	2,36	7,26	4,45	2,53
24	32	8,91	4,64	1,85	8,58	4,52	2,02	8,25	4,40	2,20	8,12	4,35	2,27	7,92	4,29	2,37	7,59	4,19	2,54

Heating 50Hz 220-240V

AFR	17,35

Indoor	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		7		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	4,59	1,77	5,52	1,85	6,45	1,92	6,63	2,00	8,50	2,53	9,22	2,60
20	4,31	1,81	5,24	1,88	6,16	1,95	6,38	2,07	8,20	2,57	8,94	2,64
22	4,20	1,83	5,12	1,90	6,05	1,98	6,28	2,08	8,09	2,60	8,83	2,67
24	4,08	1,84	5,01	1,92	5,94	1,99	6,17	2,11	7,97	2,61	8,71	2,68
25	4,03	1,85	4,95	1,93	5,88	2,01	6,13	2,12	7,92	2,63	8,66	2,70
27	3,91	1,86	4,84	1,94	5,77	2,01	6,02	2,14	7,80	2,64	8,54	2,71

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- EWB: Entering wet-bulb temperature (°C WB)
- EDB: Entering dry-bulb temperature (°C DB)
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes
1) The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2) The bold cells indicate the standard conditions.
3) The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4) In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5) The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6) The air flow rate and bypass factor are mentioned in the table.

3D131703A

FTXM71A / RXM71A

Cooling 50Hz, 220 -240V

AFR	15,8
BF	0,15

Indoor air temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			35			40		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	7,27	5,06	1,80	6,94	4,90	1,97	6,61	4,74	2,14	6,48	4,69	2,21	6,28	4,61	2,32	5,95	4,48	2,49
16	22	7,60	4,88	1,81	7,27	4,72	1,98	6,94	4,57	2,15	6,81	4,51	2,22	6,61	4,42	2,33	6,28	4,29	2,50
18	25	7,93	5,02	1,82	7,60	4,88	1,99	7,27	4,75	2,16	7,13	4,70	2,23	6,94	4,63	2,34	6,61	4,52	2,51
19	27	8,09	5,28	1,82	7,76	5,16	2,00	7,43	5,05	2,17	7,30	5,01	2,24	7,10	4,95	2,34	6,77	4,88	2,52
22	30	8,58	4,89	1,84	8,25	4,76	2,01	7,92	4,65	2,19	7,79	4,60	2,25	7,59	4,54	2,36	7,26	4,45	2,53
24	32	8,91	4,64	1,85	8,58	4,52	2,02	8,25	4,40	2,20	8,12	4,35	2,27	7,92	4,29	2,37	7,59	4,19	2,54

Heating 50Hz, 220 -240V

AFR	17,3

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		6		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	4,59	1,77	5,52	1,85	6,45	1,92	6,63	2,00	8,50	2,53	9,22	2,60
20	4,31	1,81	5,24	1,88	6,16	1,95	6,38	2,07	8,20	2,57	8,94	2,64
22	4,20	1,83	5,12	1,90	6,05	1,98	6,28	2,08	8,09	2,60	8,83	2,67
24	4,08	1,84	5,01	1,92	5,94	1,99	6,17	2,11	7,97	2,61	8,71	2,68
25	4,03	1,85	4,95	1,93	5,88	2,01	6,13	2,12	7,92	2,63	8,66	2,70
27	3,91	1,86	4,84	1,94	5,77	2,01	6,02	2,14	7,80	2,64	8,54	2,71

Heating capacity at nominal operating frequency, measured according to EN14511.

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		6		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	5,56	2,28	6,67	2,61	6,45	2,94	7,36	3,28	10,20	3,67	10,50	3,41

Heating peak capacity at maximum operating frequency

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- °C WB: Wet-bulb temperature [°C WB]
- °C DB: Dry-bulb temperature [°C DB]
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

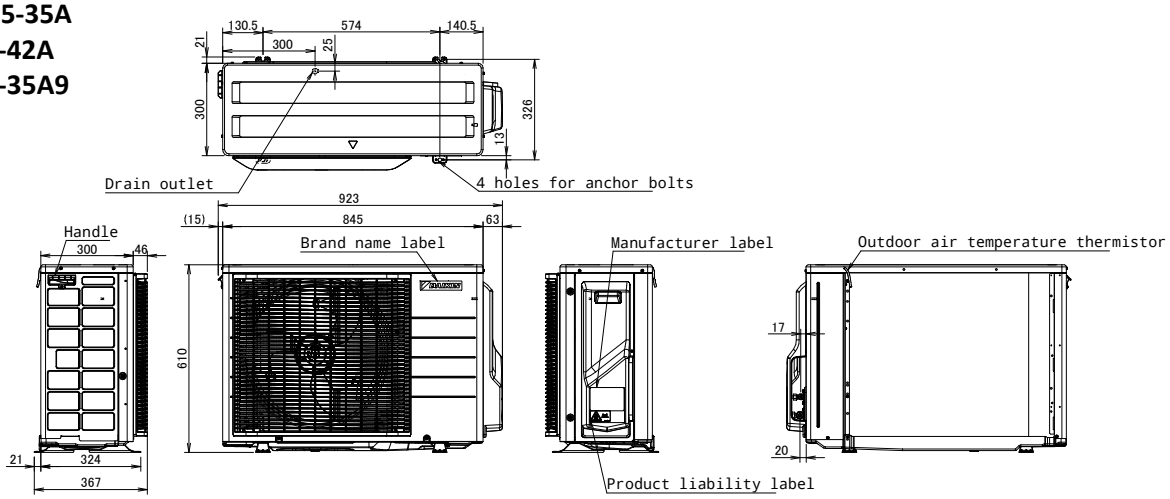
Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

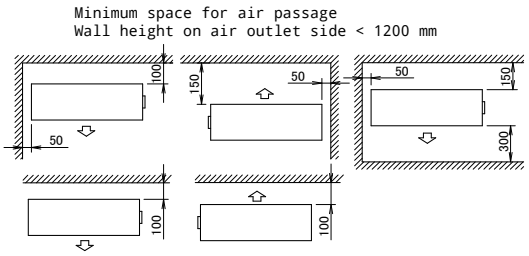
4D151960

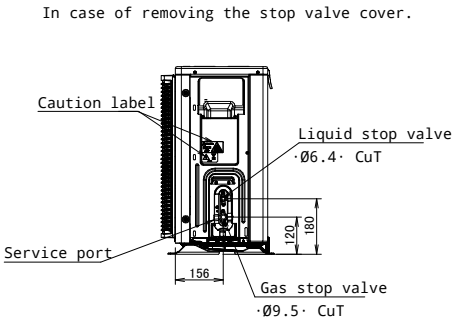
5 Dimensional drawings

5 - 1 Dimensional Drawings

ARXM25-35A
RXM20-42A
RXM25-35A9

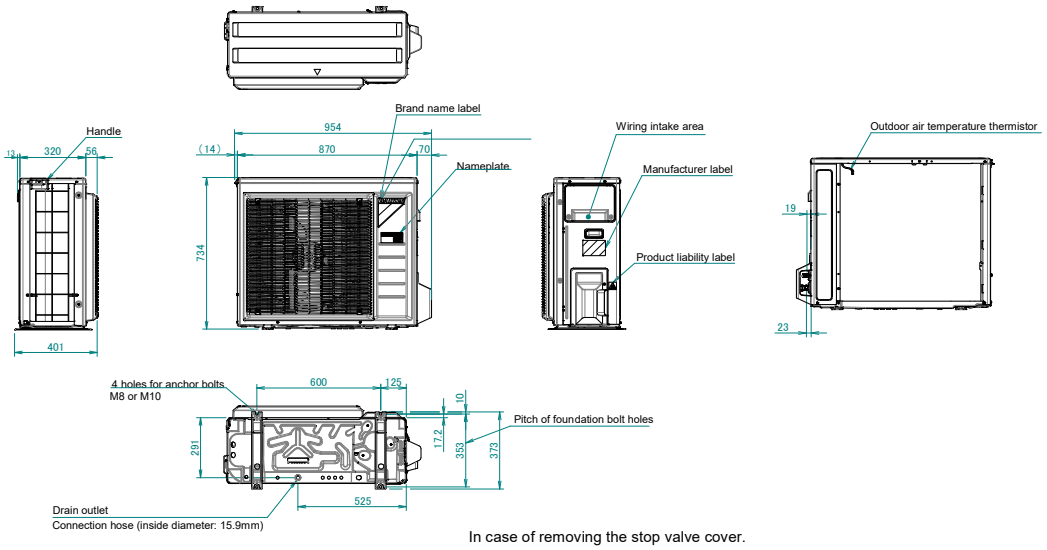






3D147631A

ARXM50A
RXM50A



In case of removing the stop valve cover.



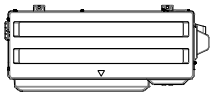
3D148264A

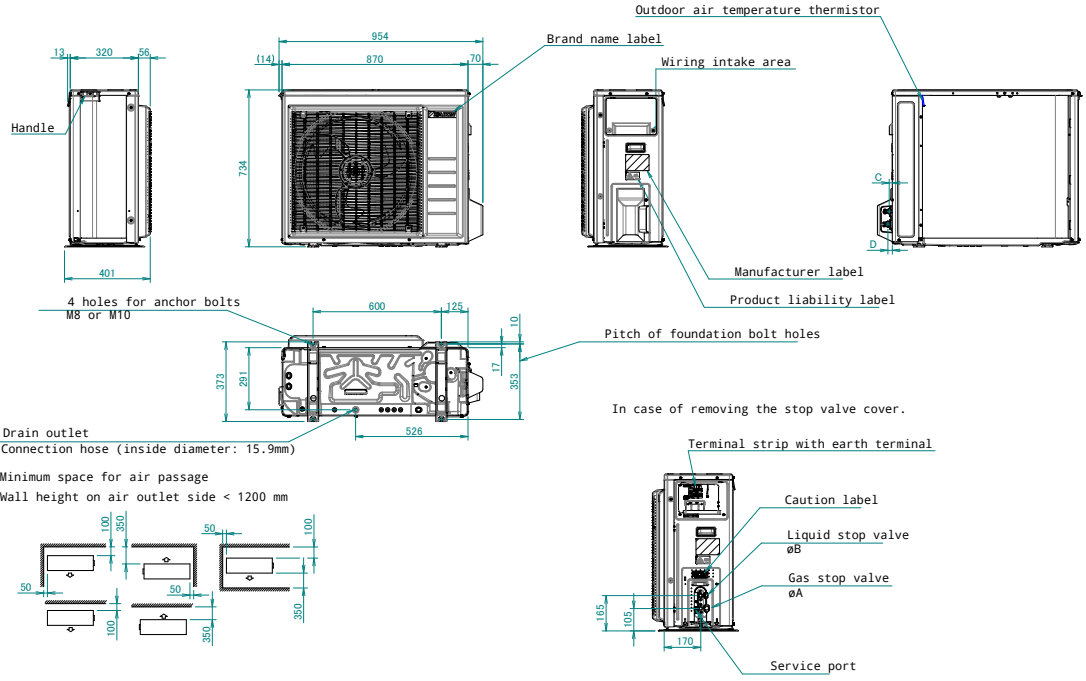
5 Dimensional drawings

5 - 1 Dimensional Drawings

ARXM50A9
ARXM60-70A
RXM50A9
RXM60-71A

Model	øA	øB	C	D
RXM50A5V1B9	12.7	6.4	19	20
RXM60A5V1B	12.7	6.4	19	20
RXM71A5V1B	15.9	6.4	19	22
ARXM50A5V1B9	12.7	6.4	19	20
ARXM60A5V1B	12.7	6.4	19	20
ARXM71A5V1B	15.9	9.5	18	22



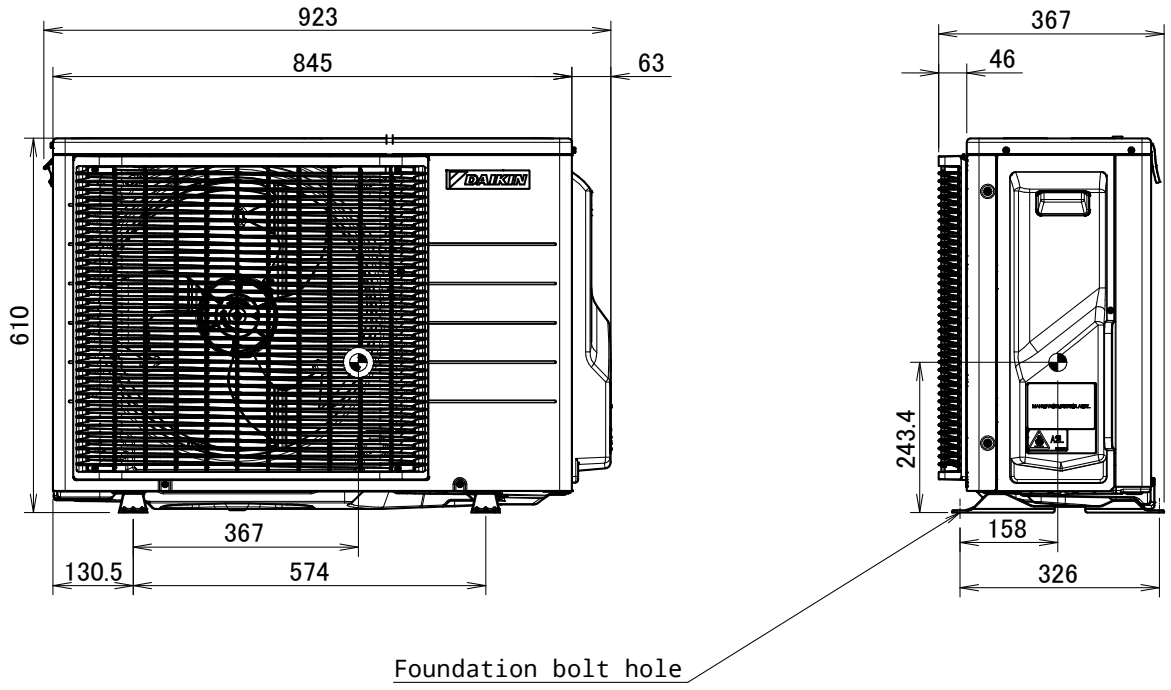


3D151868

6 Centre of gravity

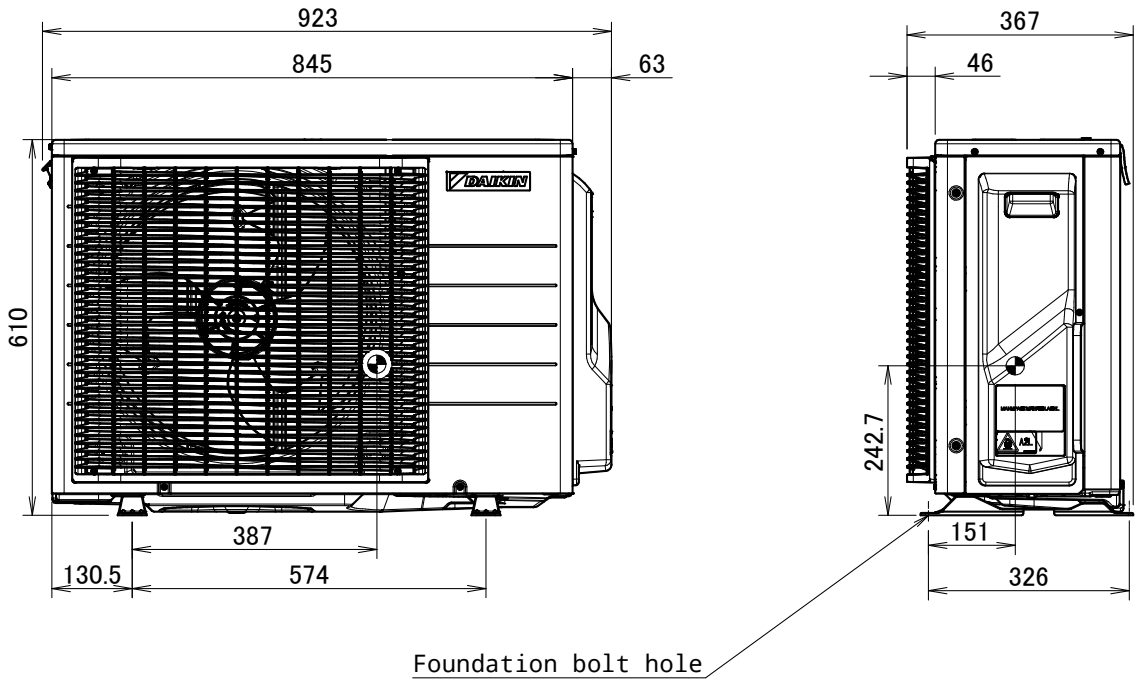
6 - 1 Centre of Gravity

ARXM25-35A
RXM20-35A
RXM20-35A9



4D148194

RXM42A

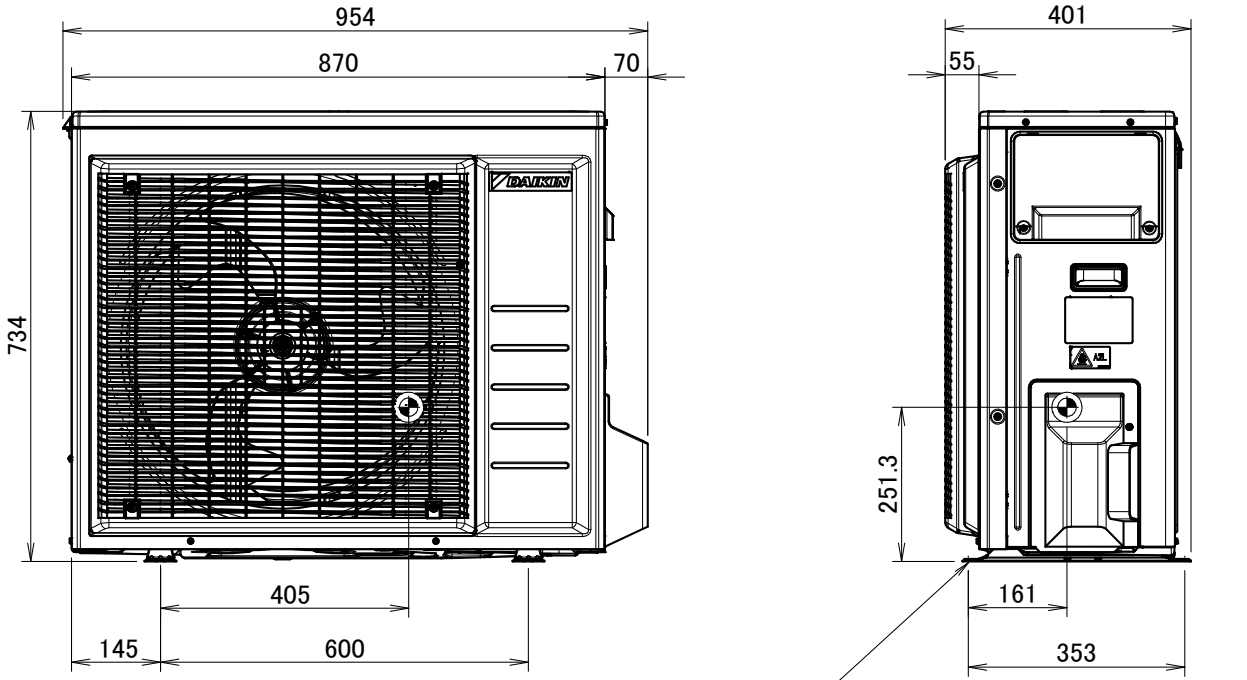


4D148193

6 Centre of gravity

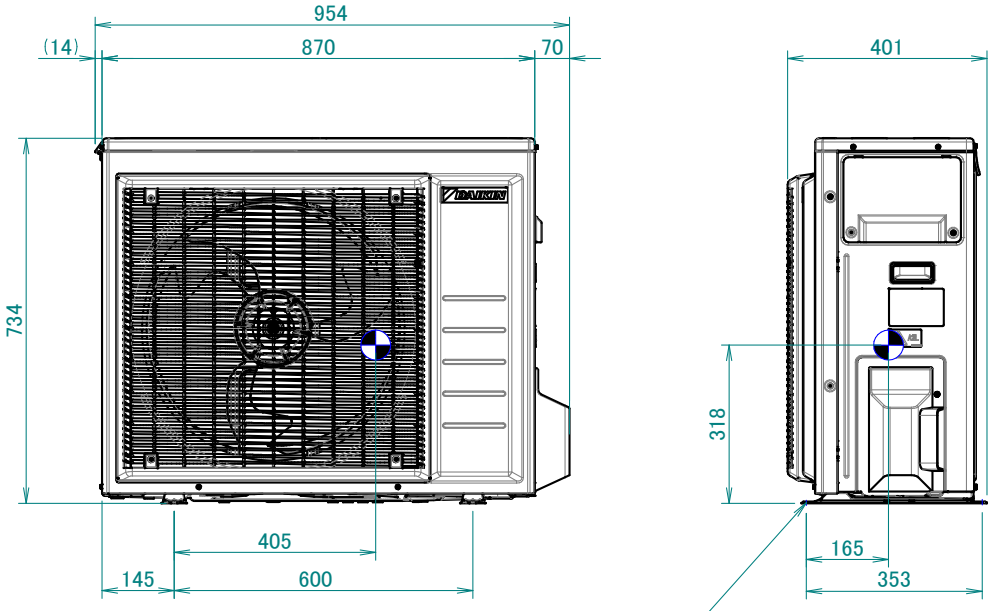
6 - 1 Centre of Gravity

ARXM50A
RXM50A



4D148199

ARXM50A9
ARXM60-70A
RXM50A9
RXM60A

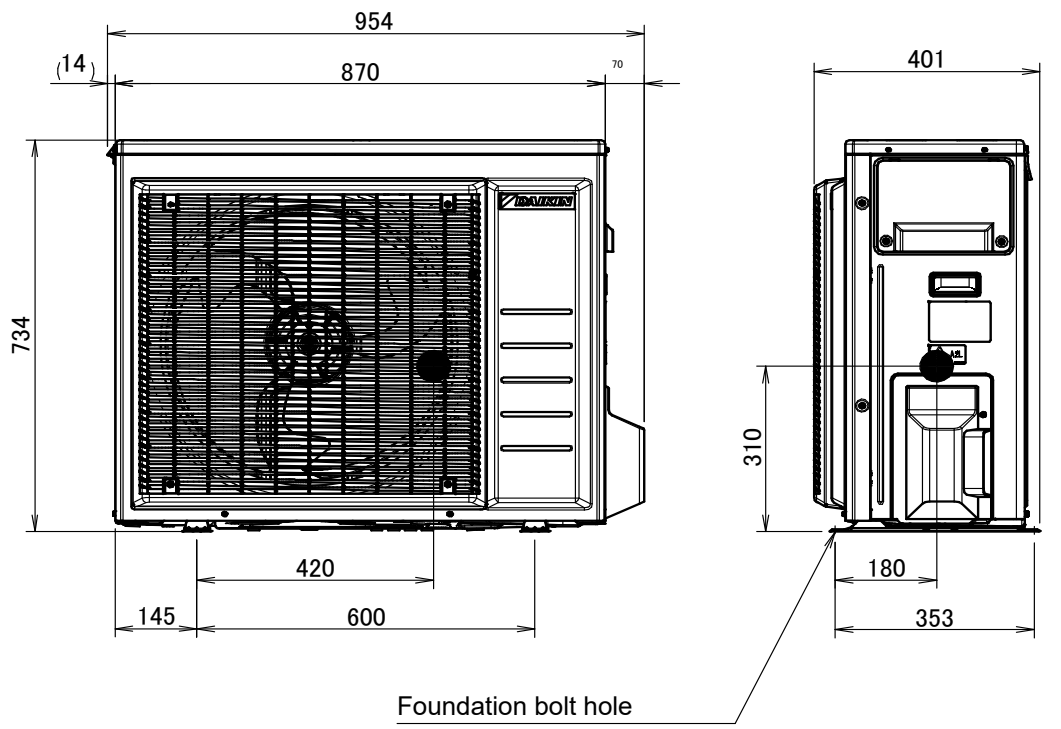


4D151950

6 Centre of gravity

6 - 1 Centre of Gravity

RXM71A

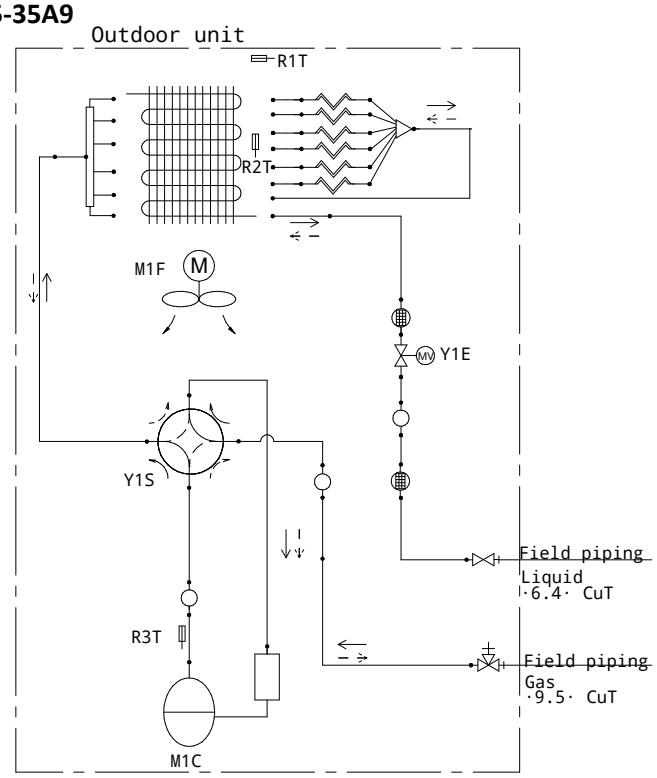


4D151953

7 Piping diagrams

7 - 1 Piping Diagrams

ARXM25-35A
RXM20-35A
RXM25-35A9



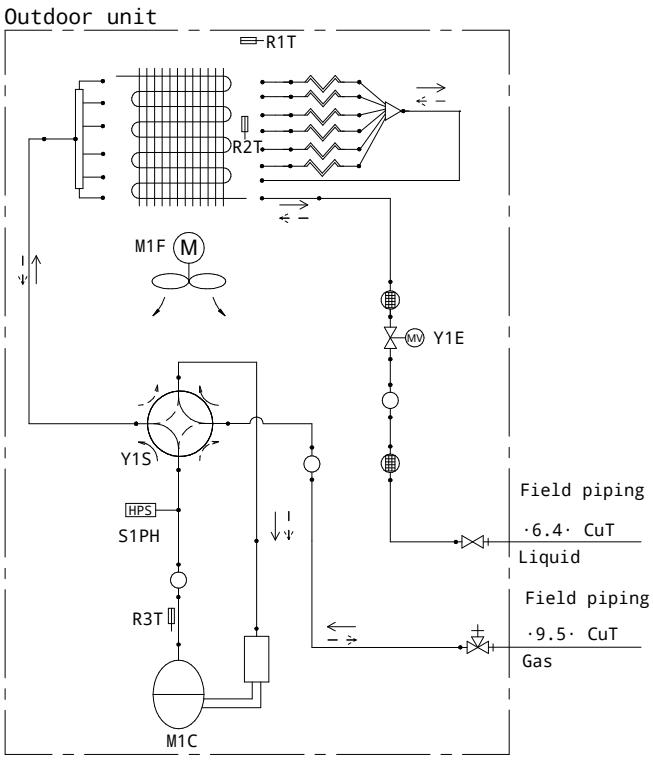
Legend

- Liquid stop valve
- Gas stop valve
- Muffler
- Muffler with filter
- Electronic expansion valve
- Refnet header
- Propeller fan
- Thermistor
- Capillary tube
- 4-way valve
- Accumulator
- Compressor
- Heat exchanger
- Distributor

Refrigerant flow
→ Cooling
– – Heating

3D147593

RXM42A



Legend

- High pressure switch
- Liquid stop valve
- Gas stop valve
- Muffler
- Muffler with filter
- Electronic expansion valve
- Refnet header
- Propeller fan
- Thermistor
- Capillary tube
- 4-way valve
- Accumulator
- Compressor
- Heat exchanger
- Distributor

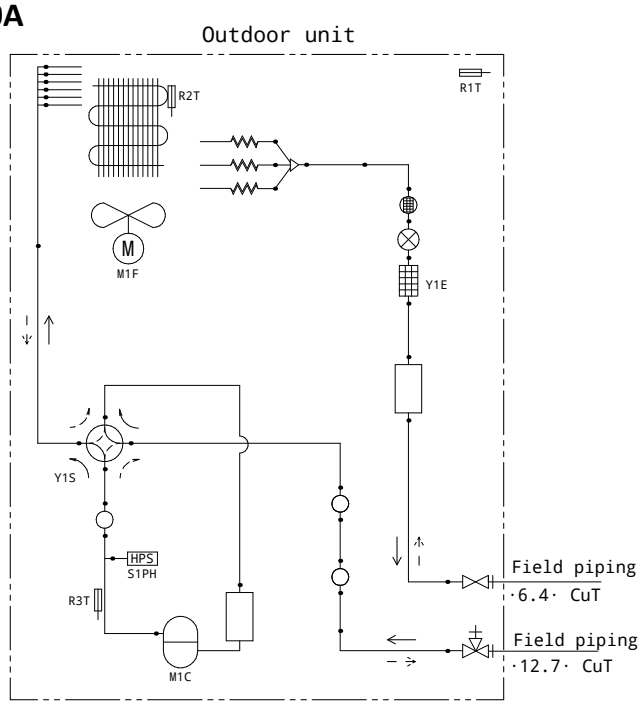
Refrigerant flow
→ Cooling
– – Heating

3D147621

7 Piping diagrams

7 - 1 Piping Diagrams

ARXM50A
RXM50A



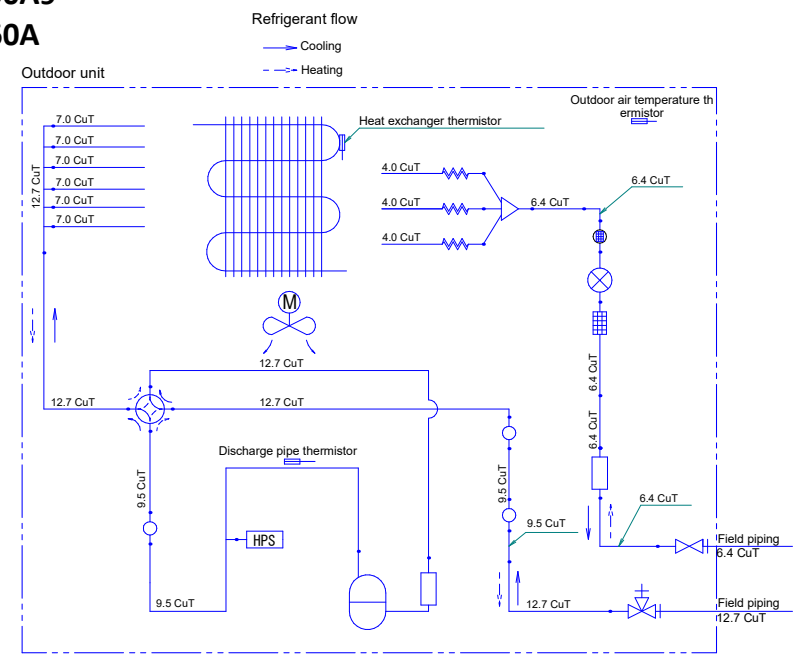
Legend

- Liquid stop valve
- Gas stop valve
- Muffler
- Muffler with filter
- Electronic expansion valve
- Filter
- Propeller fan
- High pressure switch Automatic reset
- Thermistor
- Capillary tube
- 4-way valve
- Accumulator
- Compressor
- Heat exchanger
- Distributor

Refrigerant flow
→ Cooling
– ÷ Heating

3D128943A

ARXM50A9
ARXM60A
RXM50A9
RXM60A



Legend

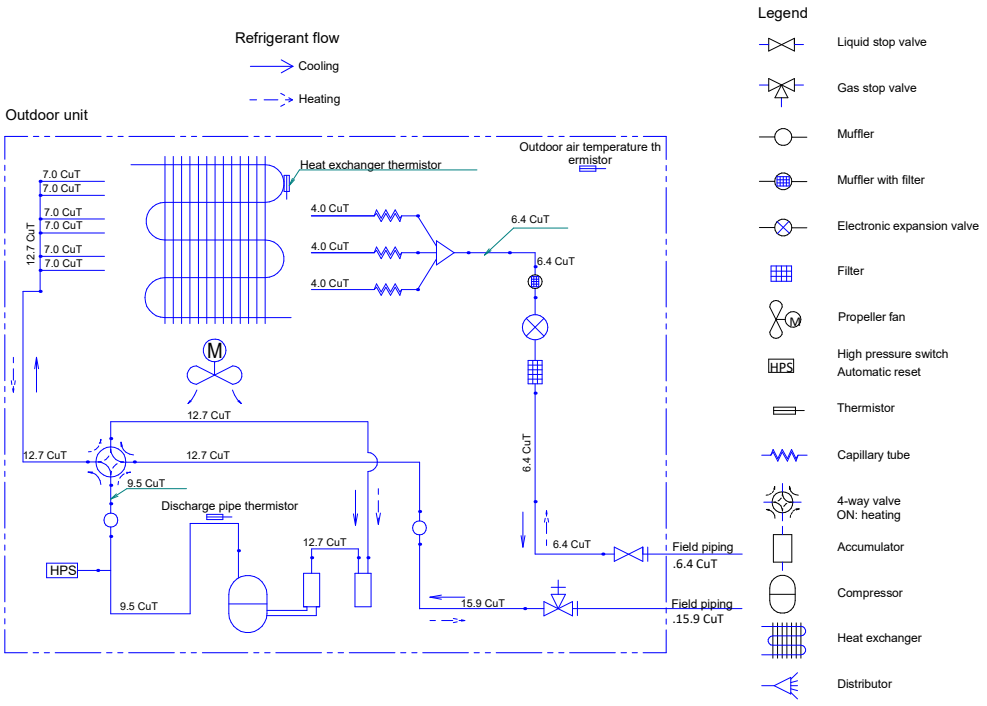
- Liquid stop valve
- Gas stop valve
- Muffler
- Muffler with filter
- Electronic expansion valve
- Filter
- Propeller fan
- High pressure switch Automatic reset
- Thermistor
- Capillary tube
- 4-way valve ON: heating
- Accumulator
- Compressor
- Heat exchanger
- Distributor

3D151341

7 Piping diagrams

7 - 1 Piping Diagrams

RXM71A



3D151225

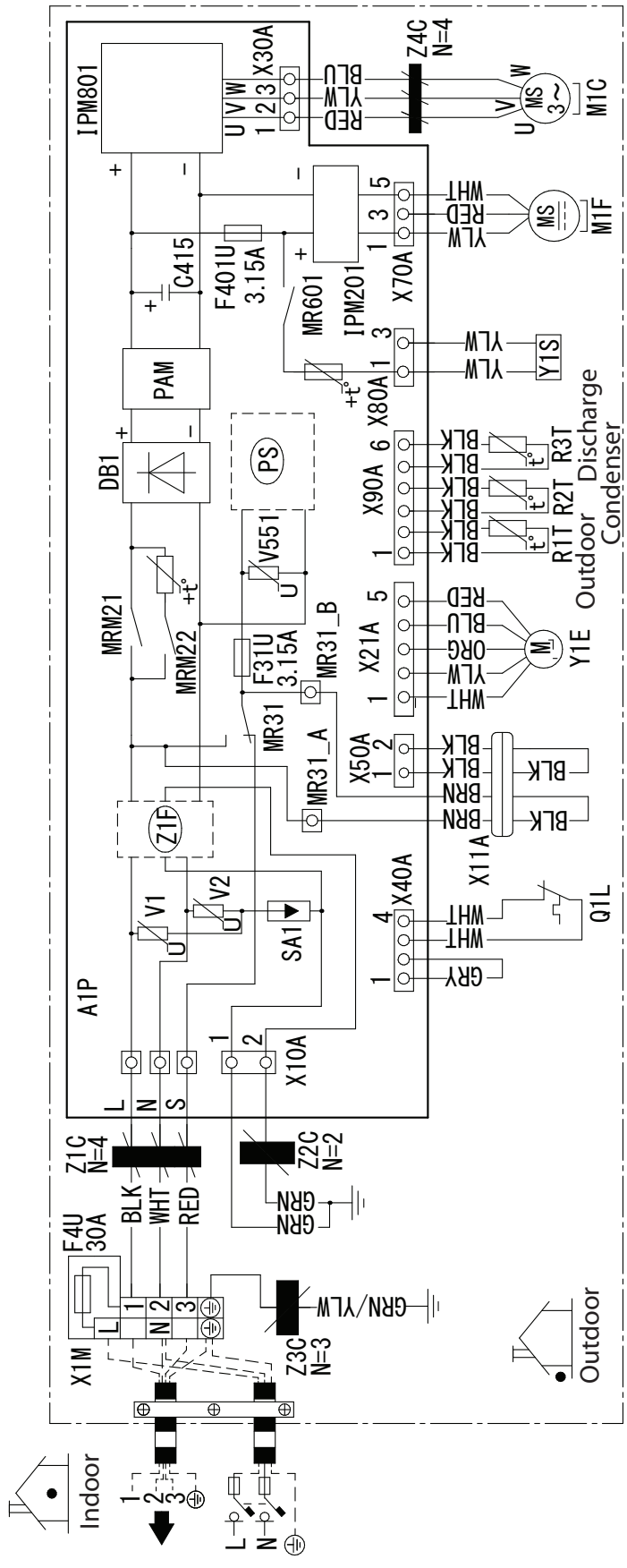
8 Wiring diagrams

8 - 1 Wiring Diagrams - Single Phase

ARXM25-35A
RXM20-35A

Wiring diagram

For the power requirements, refer to the nameplate



A1P	Printed circuit board
C415	Capacitor
DB1	Diode bridge
IPM201, IPM801	Intelligent power module
L	Live
M1C	Compressor motor
M1F	Fan motor
N	Neutral
PAM	Pulse-amplitude modulation
PS	Switching power supply
Q1L	Overload protector
SA1	Surge arrestor
X1M	Terminal strip
Y1E	Electronic expansion valve coil
Y1S	Reversing solenoid valve coil
F4U, F31U, F401U	Fuse
MRM21, MRM22, MR31, MR601,	Magnetic relay
R1T, R2T, R3T	Thermistor
X10A, X11A, X21A, X30A, X40A, X50A, X70A, X80A, X90A	Connector
V1, V2, V551	Varistor
Z1C, Z2C, Z3C, Z4C	Ferrite core
S, MR31_A, MR31_B	Connection
Z1F	Noise filter

BLK : Black
WHT : White
BRN : Brown
RED : Red
GRN : Green
YLW : Yellow
ORG : Orange
BLU : Blue
GRY : Grey
⏚ : Protective earth
⏚ : Earth

: Field wiring

4D147369

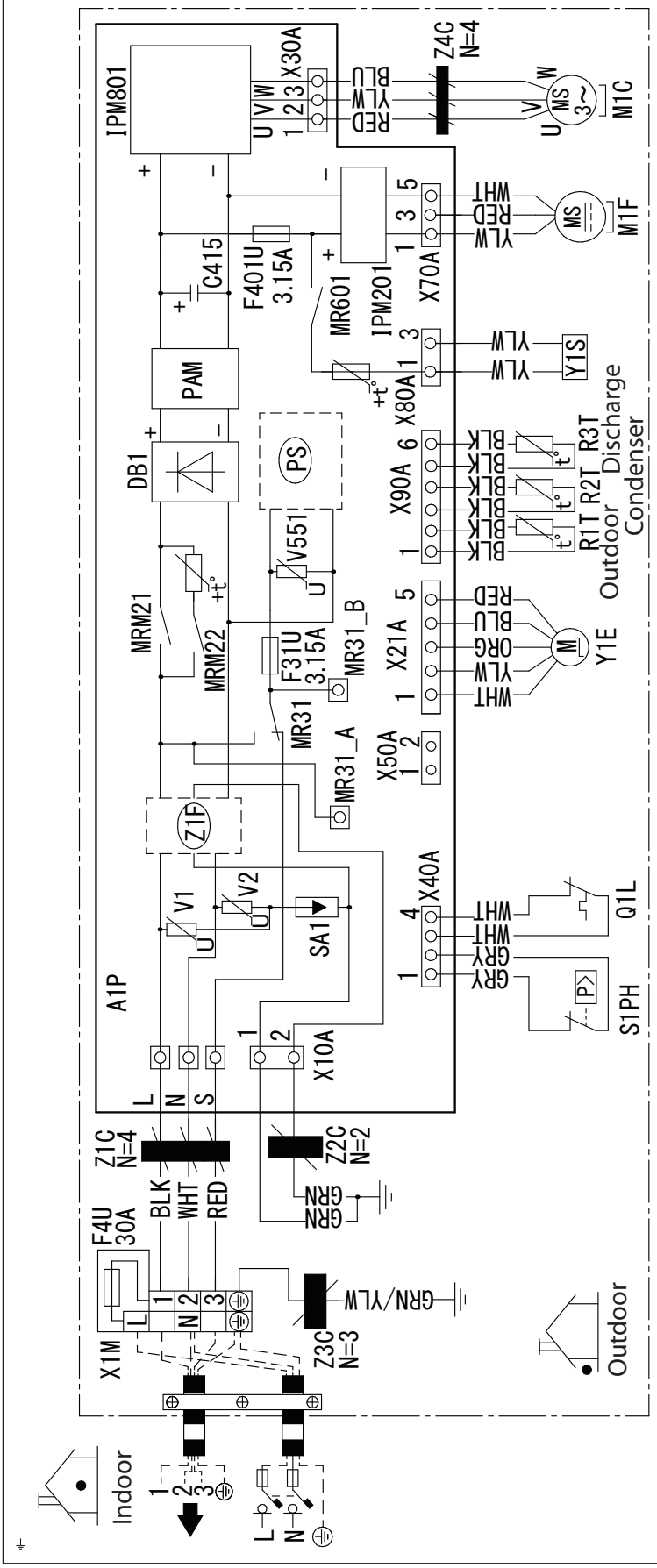
8 Wiring diagrams

8 - 1 Wiring Diagrams - Single Phase

RXM42A

Wiring diagram

For the power requirements, refer to the nameplate



A1P	Printed circuit board
C415	Capacitor
DB1	Diode bridge
IPM201, IPM801	Intelligent power module
L	Live
M1C	Compressor motor
M1F	Fan motor
N	Neutral
PAM	Pulse-amplitude modulation
PS	Switching power supply
Q1L	Overload protector
S1PH	High pressure switch
SA1	Surge arrestor
X1M	Terminal strip
Y1E	Electronic expansion valve coil
Y1S	Reversing solenoid valve coil
F4U, F31U, F401U	Fuse
MRM21, MRM22, MR31, MR601,	Magnetic relay
R1T, R2T, R3T	Thermistor
X10A, X21A, X30A, X40A, X50A, X70A, X80A, X90A	Connector
V1, V2, V551	Varistor
Z1C, Z2C, Z3C, Z4C	Ferrite core
S, MR31_A, MR31_B	Connection
Z1F	Noise filter

BLK : Black
WHT : White
BRN : Brown
RED : Red
GRN : Green
YLW : Yellow
ORG : Orange
BLU : Blue
GRY : Grey
⏚ : Protective earth
⏚ : Earth

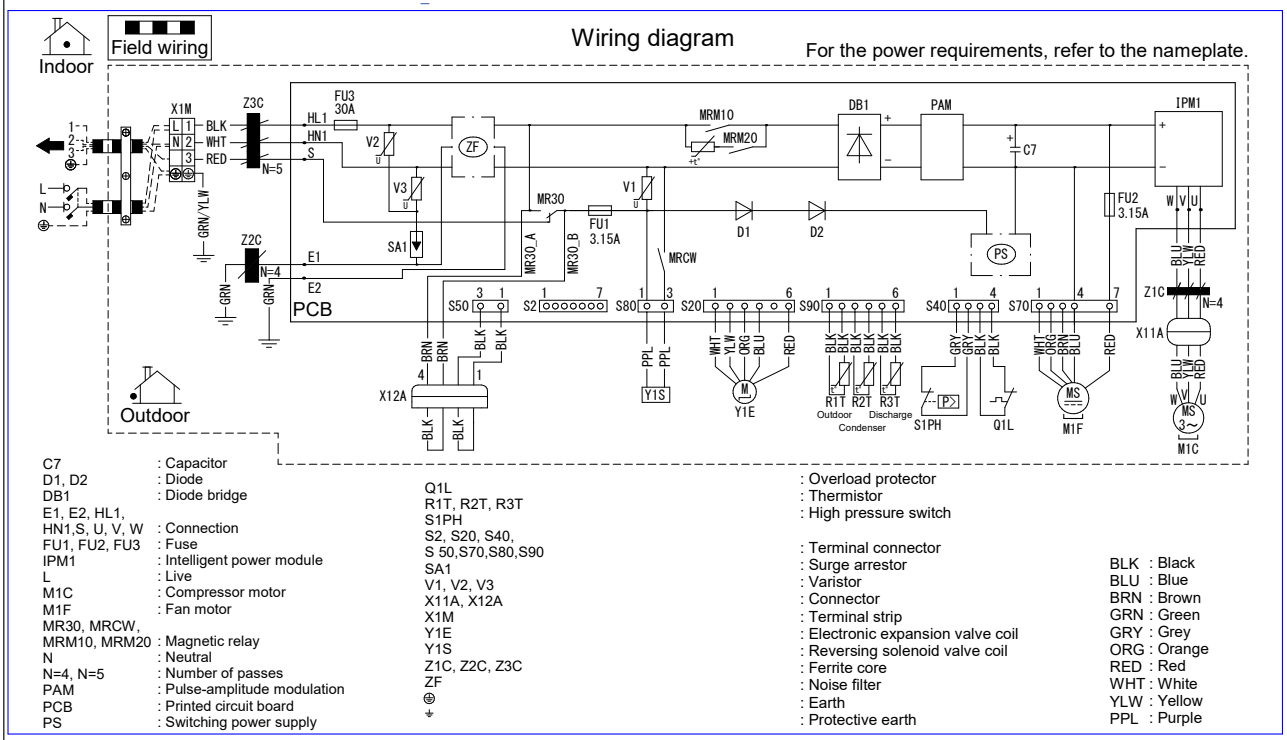
: Field wiring

4D147370B

8 Wiring diagrams

8 - 1 Wiring Diagrams - Single Phase

RXM50A

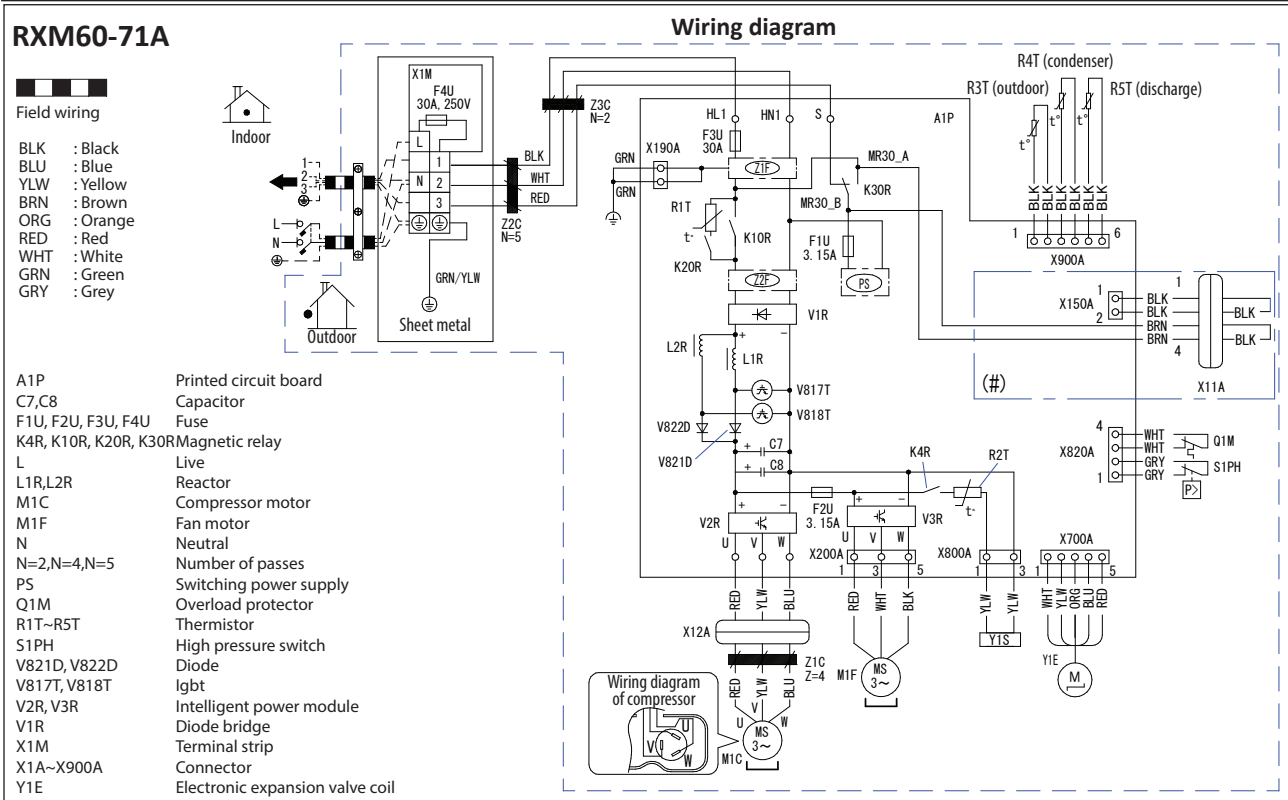


C7	: Capacitor
D1, D2	: Diode
DB1	: Diode bridge
E1, E2, HL1, HN1,S, U, V, W	: Connection
FU1, FU2, FU3	: Fuse
IPM1	: Intelligent power module
L	: Live
M1C	: Compressor motor
M1F	: Fan motor
MR30, MRCW, MRM10, MRM20	: Magnetic relay
N	: Neutral
N=4, N=5	: Number of passes
PAM	: Pulse-amplitude modulation
PCB	: Printed circuit board
PS	: Switching power supply
Q1L	: Overload protector
R1T, R2T, R3T	: Thermistor
S1PH	: High pressure switch
S2, S20, S40, S 50,S70,S80,S90	: Terminal connector
SA1	: Surge arrestor
V1, V2, V3	: Varistor
X11A, X12A	: Connector
X1M	: Terminal strip
Y1E	: Electronic expansion valve coil
Y1S	: Reversing solenoid valve coil
Z1C, Z2C, Z3C	: Ferrite core
ZF	: Noise filter
⏚	: Earth
	: Protective earth

BLK	: Black
BLU	: Blue
BRN	: Brown
GRN	: Green
GRY	: Grey
ORG	: Orange
RED	: Red
WHT	: White
YLW	: Yellow
PPL	: Purple

3D130906A

RXM60-71A



A1P	Printed circuit board
C7,C8	Capacitor
F1U, F2U, F3U, F4U	Fuse
K4R, K10R, K20R, K30R	Magnetic relay
L	Live
L1R,L2R	Reactor
M1C	Compressor motor
M1F	Fan motor
N	Neutral
N=2,N=4,N=5	Number of passes
PS	Switching power supply
Q1M	Overload protector
R1T~R5T	Thermistor
S1PH	High pressure switch
V821D, V822D	Diode
V817T, V818T	Igbt
V2R, V3R	Intelligent power module
V1R	Diode bridge
X1M	Terminal strip
X1A~X900A	Connector
Y1E	Electronic expansion valve coil
Y1S	Reversing solenoid valve coil
Z1C ,Z2C, Z3C	Ferrite core
Z1F, Z2F	Noise filter
⏚	Protective earth
⌒	Noiseless earth

BLK	: Black
BLU	: Blue
YLW	: Yellow
BRN	: Brown
ORG	: Orange
RED	: Red
WHT	: White
GRN	: Green
GRY	: Grey

NOTES

1. Refer to the nameplate for the power requirements.
2. Do not remove or replace fuse when the units are energized.
3. (#) Only for the units with the suspend connector specified in the installation manual.

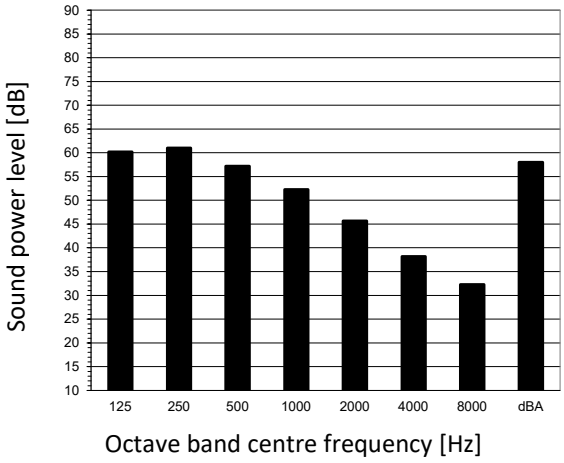
3D150217

9 Sound data

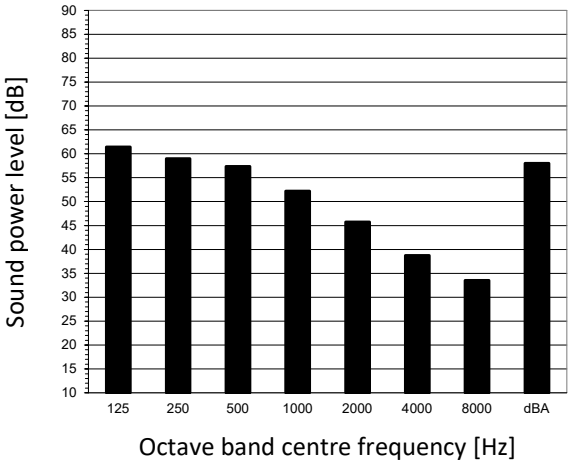
9 - 1 Sound Power Spectrum

RXM20A

Cooling



Heating



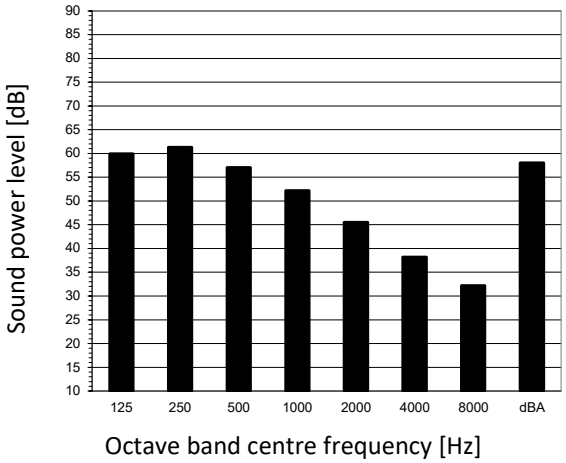
Fan speed: High

Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

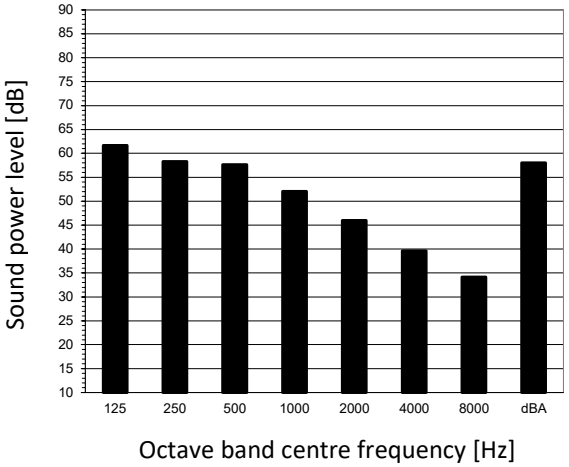
4D148770

RXM25A

Cooling



Heating



Fan speed: High

Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

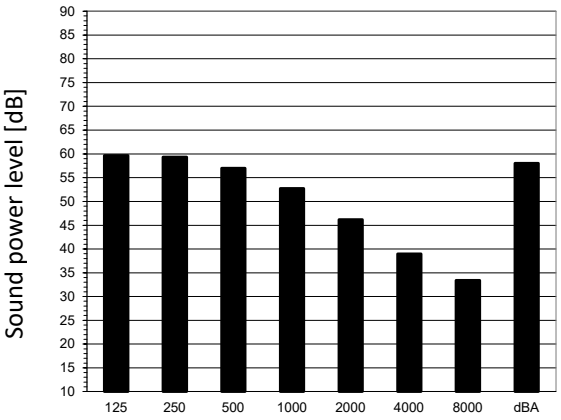
4D148790

9 Sound data

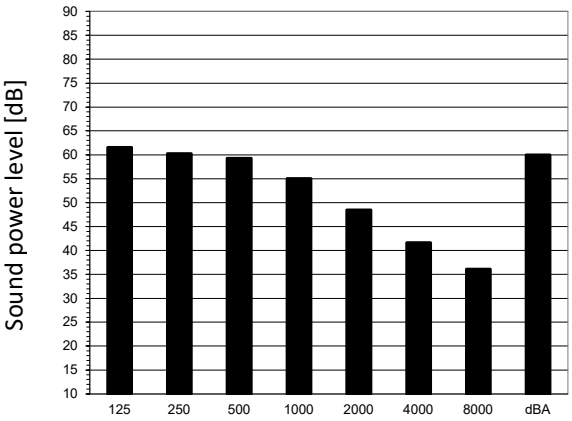
9 - 1 Sound Power Spectrum

RXM35A

Cooling



Heating



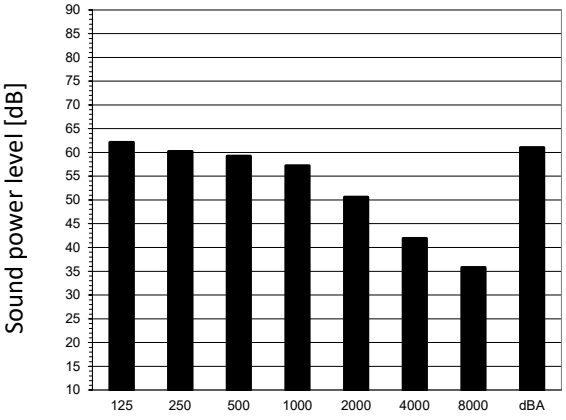
Fan speed: High

Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

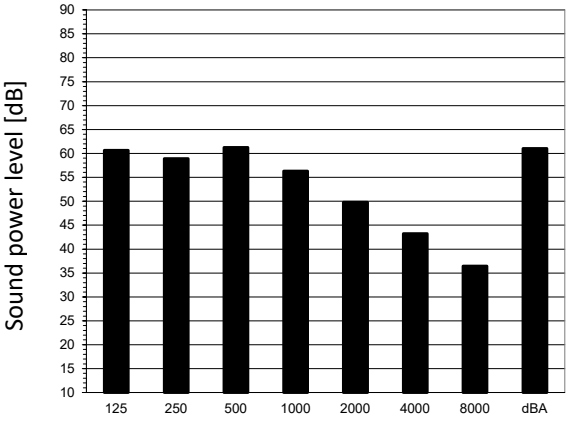
4D148795

RXM42A

Cooling



Heating



Fan speed: High

Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

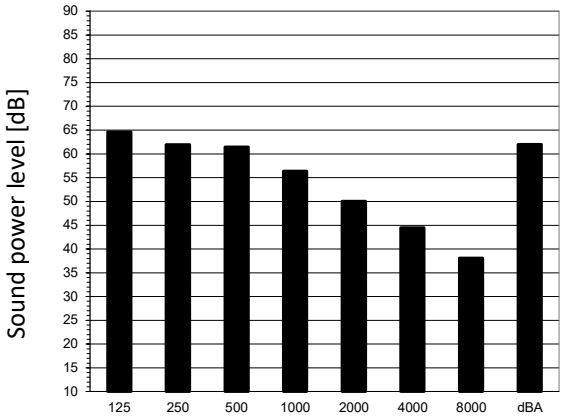
4D148793

9 Sound data

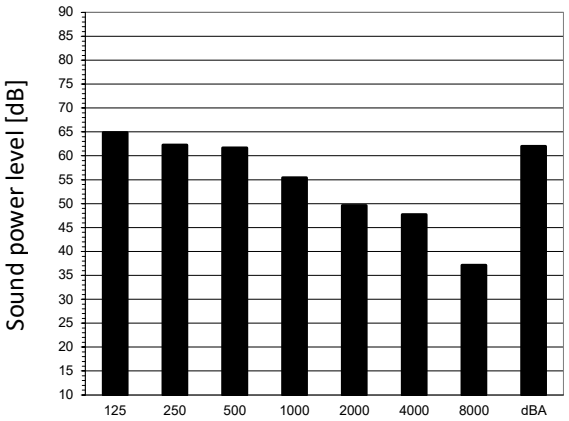
9 - 1 Sound Power Spectrum

RXM50A

Cooling



Heating



Fan speed: High

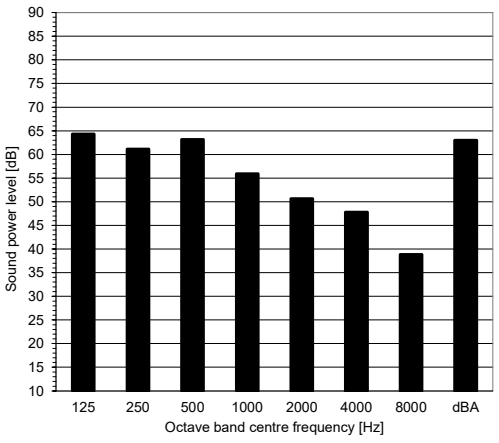
Notes

1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

4D148792

RXM60A

Cooling mode



Fan speed: High

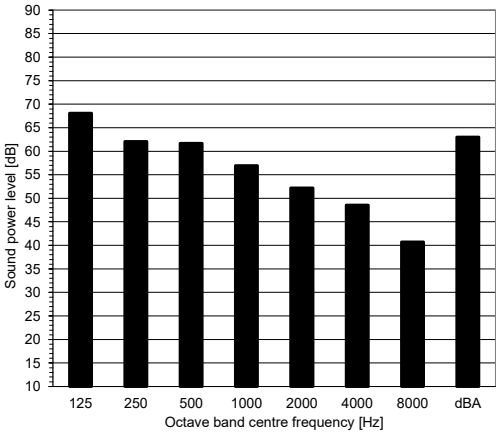
Notes

1) dBA = A-weighted sound power level (A scale according to IEC).

2) Reference acoustic power 0 dB = ·10^ -12 W/m2·

3) Measured according to ISO 3744

Heating mode



Fan speed: High

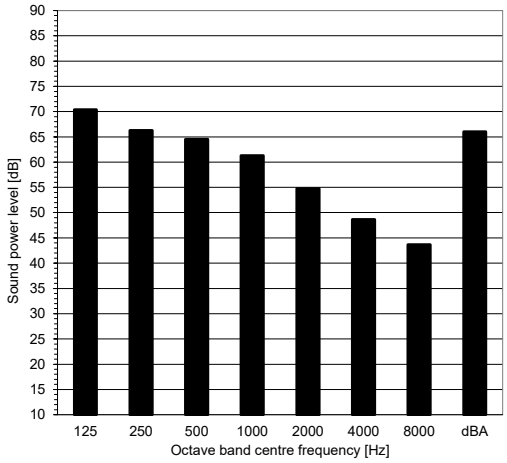
4D154644

9 Sound data

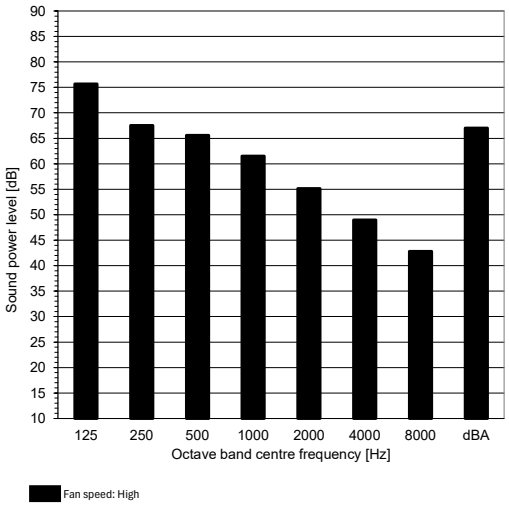
9 - 1 Sound Power Spectrum

RXM71A

Cooling mode



Heating mode



Notes

1) dBA = A-weighted sound power level (A scale according to IEC).

2) Reference acoustic power 0 dB = ·10^ -12 W/m2·

3) Measured according to ISO 3744

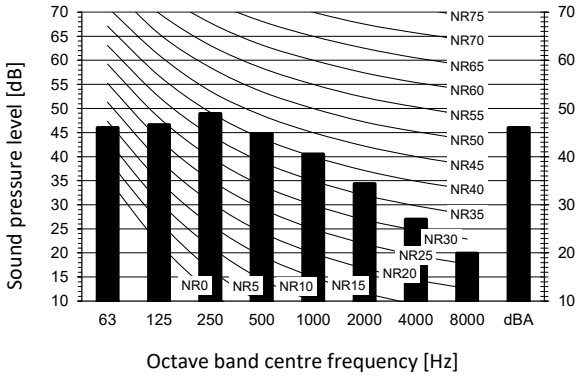
4D154647

9 Sound data

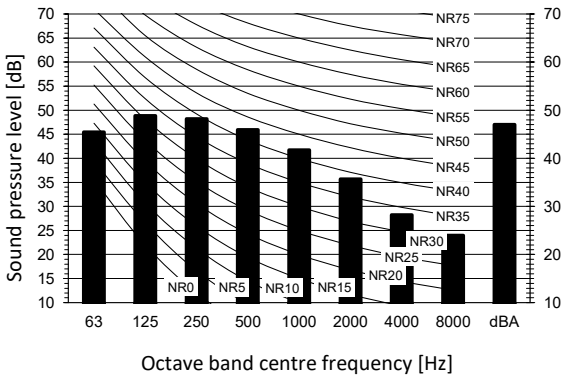
9 - 2 Sound Pressure Spectrum

RXM20A

Cooling mode



Heating mode



Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B Fan speed: High

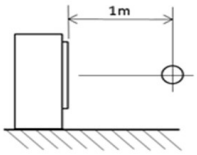
Cooling Total dB

A	B
dBA	46

Heating Total dB

A	B
dBA	47

Location of microphone



Notes

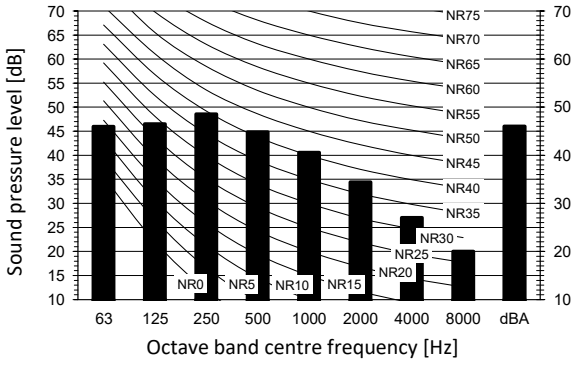
1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard

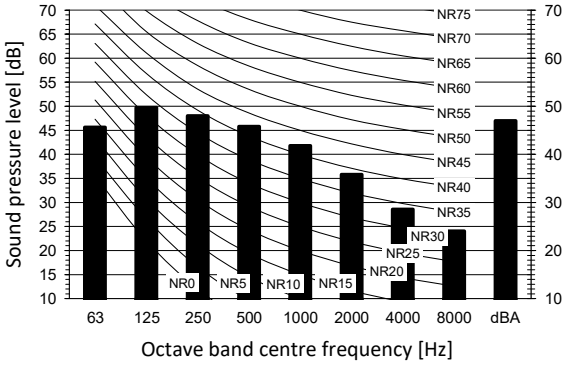
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

4D148976

RXM25A Cooling mode

Heating mode





Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B Fan speed: High

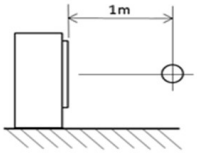
Cooling Total dB

A	B
dBA	46

Heating Total dB

A	B
dBA	47

Location of microphone



Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard

2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

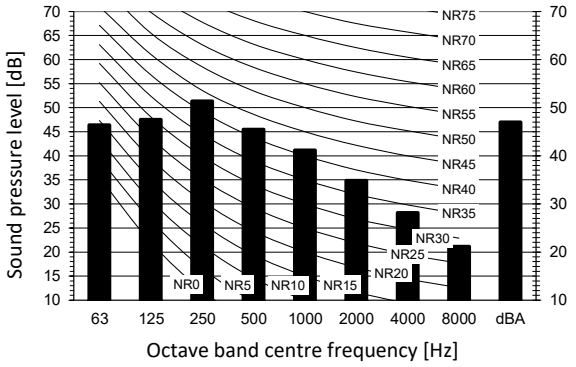
4D148977

9 Sound data

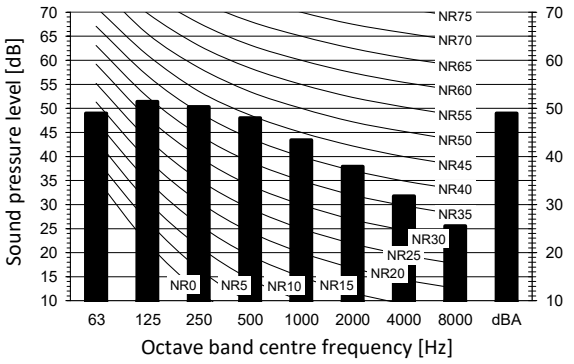
9 - 2 Sound Pressure Spectrum

RXM35A

Cooling mode



Heating mode



Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B Fan speed: High

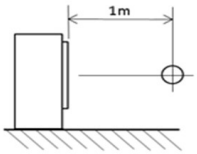
Cooling Total dB

A	B
dBA	47

Heating Total dB

A	B
dBA	49

Location of microphone



Notes

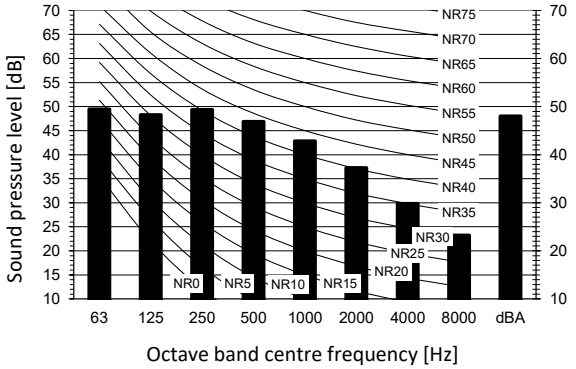
1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard

2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

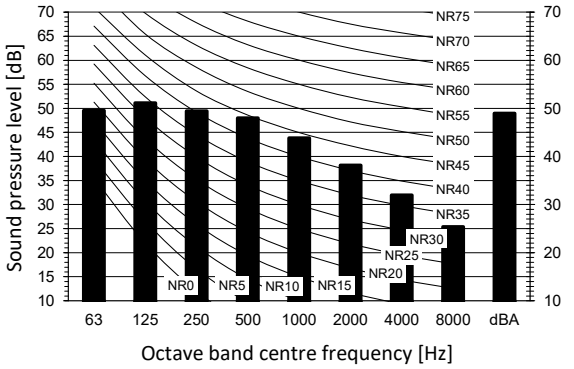
4D148978

RXM42A

Cooling mode



Heating mode



Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B Fan speed: High

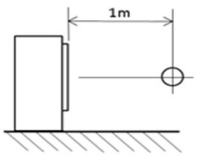
Cooling Total dB

A	B
dBA	48

Heating Total dB

A	B
dBA	49

Location of microphone



Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard

2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

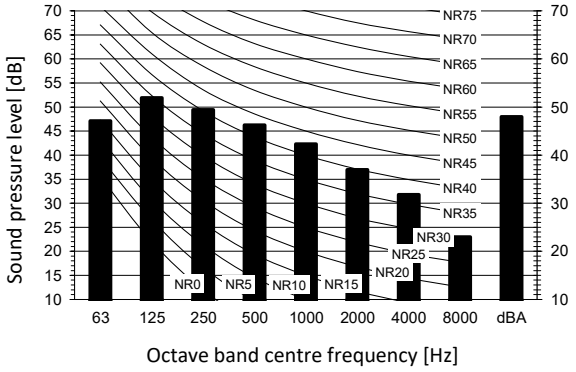
4D148979

9 Sound data

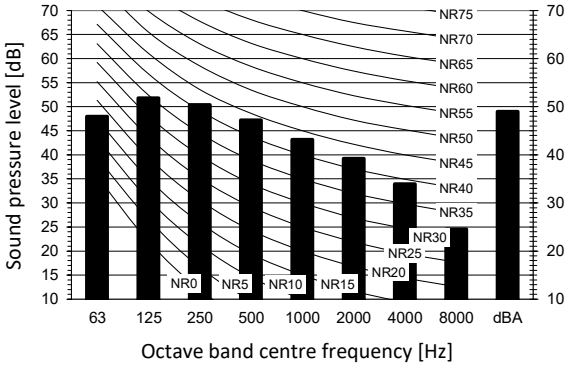
9 - 2 Sound Pressure Spectrum

RXM50A

Cooling mode



Heating mode



Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B Fan speed: High

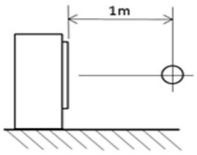
Cooling Total dB

A	B
dBA	48

Heating Total dB

A	B
dBA	49

Location of microphone



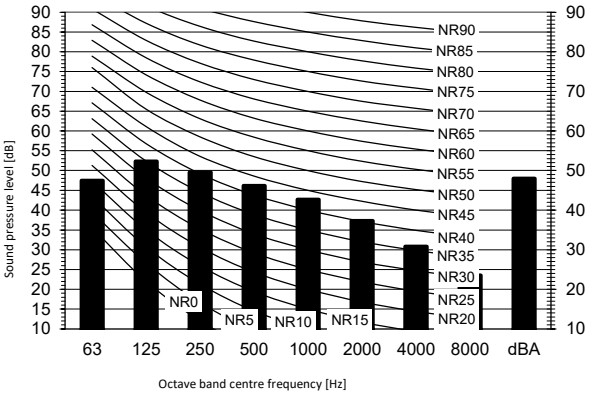
Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

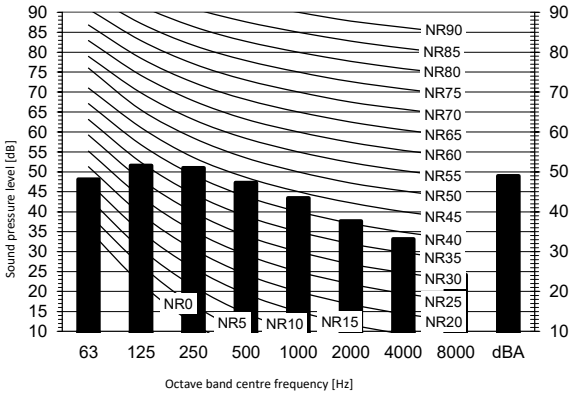
4D148980

RXM60A

Cooling mode



Heating mode



Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B Fan speed: High

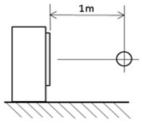
Cooling Total dB

A	B
dBA	48

Heating Total dB

A	B
dBA	49

Location of microphone



Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

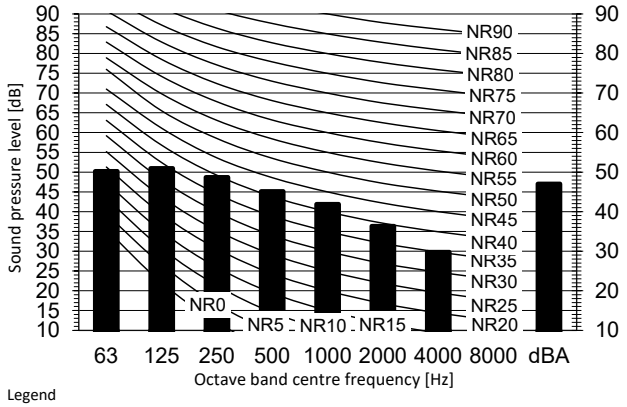
3D131754

9 Sound data

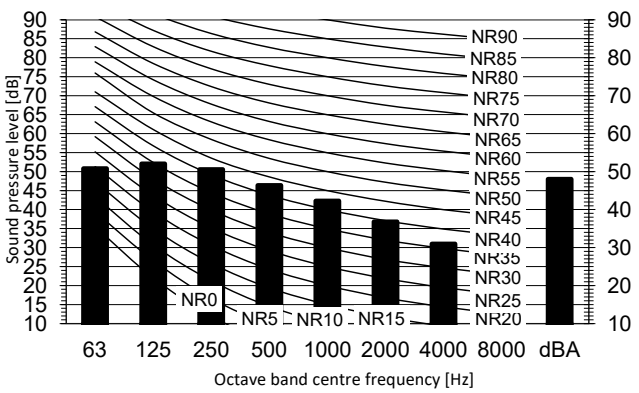
9 - 2 Sound Pressure Spectrum

RXM71A

Cooling mode



Heating mode



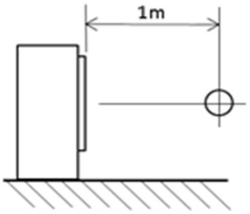
Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B Fan speed: High

Location of microphone



Cooling Total dB

A	B
dBA	47

Heating Total dB

A	B
dBA	48

Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

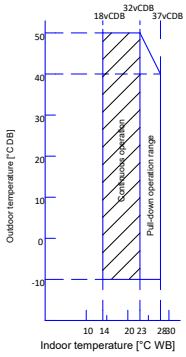
3D131755

10 Operation range

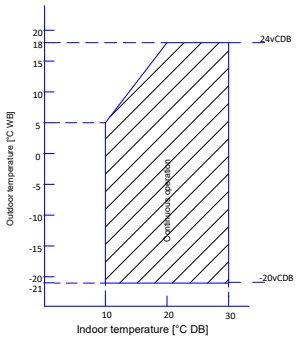
10 - 1 Operation Range

ARXM35A9
ARXM25-35A
RXM25-35A9
RXM20-42A

Cooling



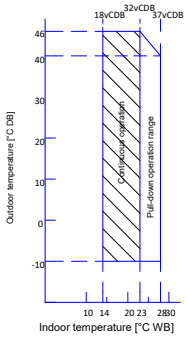
Heating



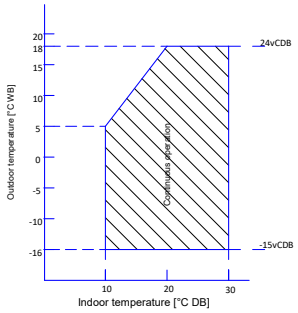
Notes
1. The graphs are based on the following conditions.
Corresponding refrigerant piping length: 5 m
Level difference: 0m
Air flow rate High

Only possible in combination with ATXM*A2V1B, ATXM*A5V1B, FTXM*A2V1B, FTXM*A5V1B, FVXM*B2V1B

Cooling



Heating

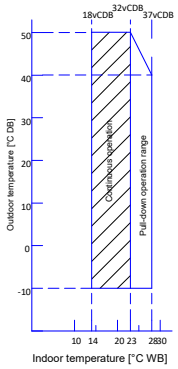


Only possible in combination with FCAG*BVEB, FFA*A2VEB9, FBA*A2VEB9, FHA*AVEB98, FDXM*F3V1B9, FNA*A2VEB9, ADEA*A2VEB, FVXM*A3V1B, FVXM*A3V1B9

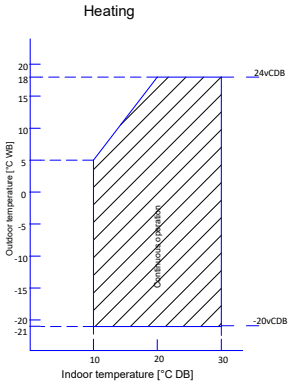
3D148983C

ARXM50A9
ARXM50A
RXM50A9
RXM50A

Cooling



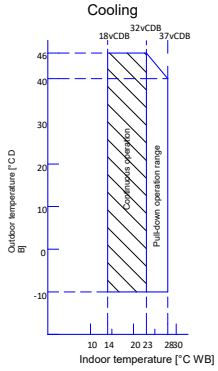
Heating



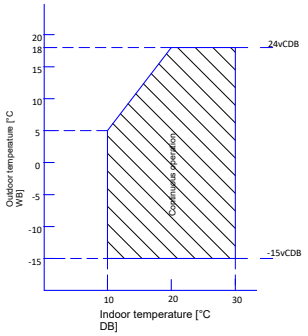
Notes
1. The graph is based on the following conditions.
Corresponding refrigerant piping length: 5 m
Level difference: 0m
Air flow rate High

Only possible in combination with ATXM*A2V1B, ATXM*A5V1B, FTXM*A2V1B, FTXM*A5V1B

Cooling



Heating



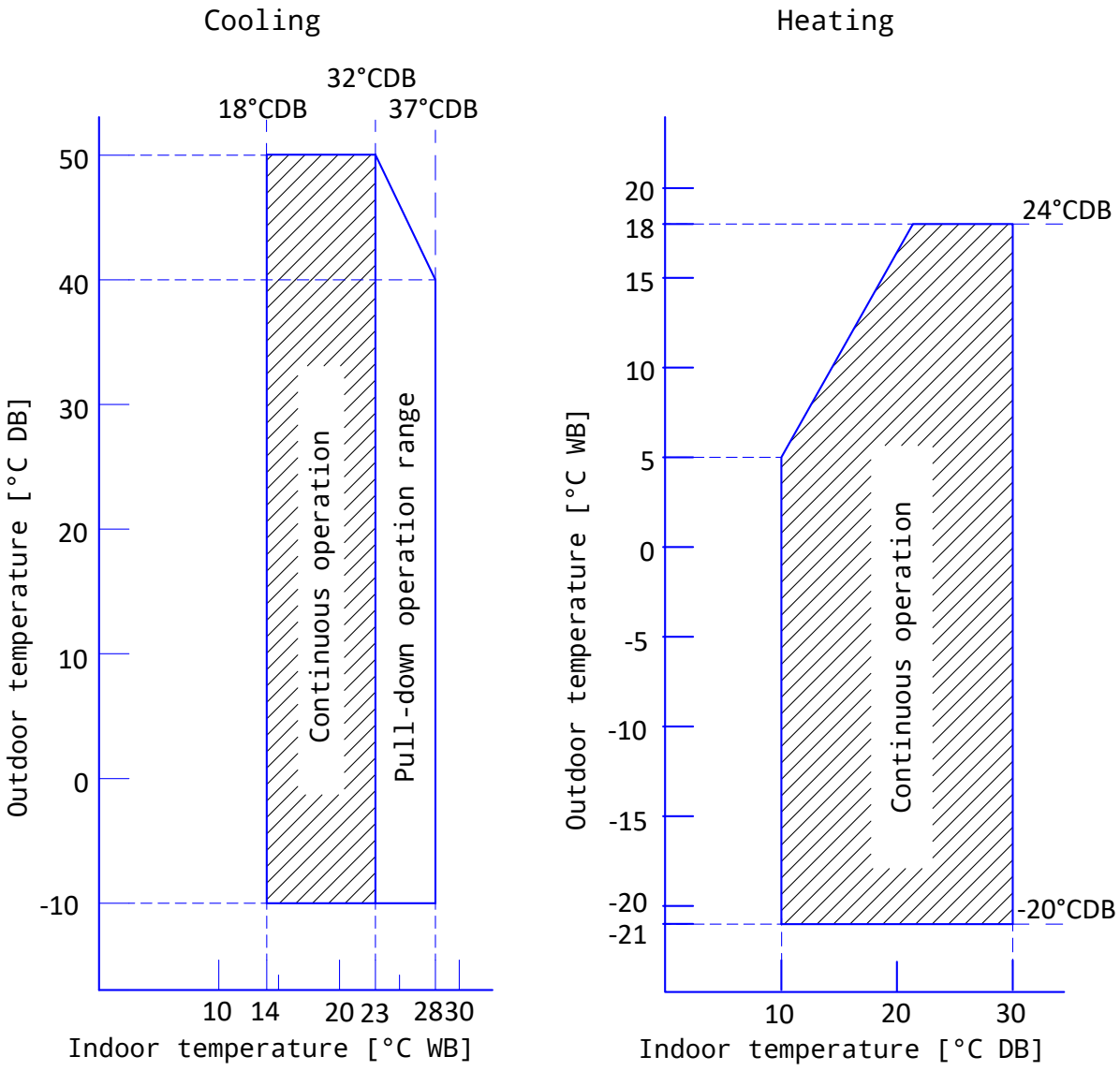
Only possible in combination with FCAG*BVEB, FFA*A2VEB9, FBA*A2VEB9, FHA*AVEB98, FHA*AVEB99, FDXM*F3V1B9, FNA*A2VEB9, ADEA*A2VEB, FVXM*A3V1B, FVXM*A3V1B9, FVXM*B2V1B

3D148981A

10 Operation range

10 - 1 Operation Range

RXM60A



Notes

1. The graphs are based on the following conditions.
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
   Air flow rate High

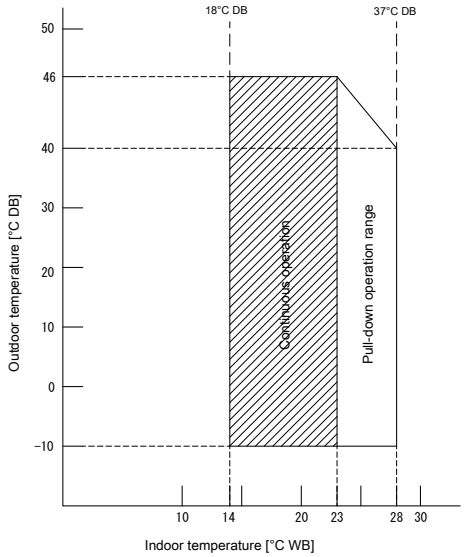
4D132631A

10 Operation range

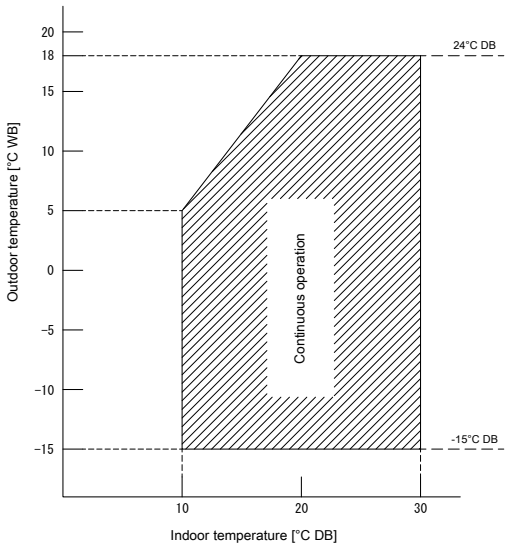
10 - 1 Operation Range

RXM71A

Cooling



Heating



Notes

1. The graphs is based on the following conditions.
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
   Air flow rate High

3D120207

Daikin Europe N.V. Naamloze Vennootschap · Zandvoordestraat 300 · 8400 Oostende · Belgium · www.daikin.eu · BE 0412 120 336 · RPR Oostende (Responsible Editor)

Daikin Europe N.V. participates in the ECP programmes for Fan Coil Units and Variable Refrigerant Flow systems. Daikin Applied Europe S.p.A. participates in the ECP programmes for Liquid Chilling Packages and Hydronic Heat Pumps. Check ongoing validity of certificate: www.eurovent-certification.com

EEDEN24**A** 11/2024

The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V.. Daikin Europe N.V. has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin Europe N.V.

DESIGN AND ACCESS STATEMENT

Specsavers Opticians, 2a The Walk, Beccles, NR34 9AJ

1.0 INTRODUCTION

1.1 Overview

This statement is in support of the above site for:

Full Planning Consent: Proposed installation of X2 new AC condenser units to rear flat roof area.

Listed Building Consent: Proposed installation of X2 new AC condenser units to rear flat roof area. New shopfront signage. Repairs & redecoration of shopfront.

Advertisement Consent: New shopfront facia signage & hanging sign.

Use: The unit is situated within the high street neighboured by various other retailers. It is currently trading as Specsavers and will continue to do so.

2.0 DESIGN

2.1 Signage Works

The existing timber fascia sign is to be replaced with a new fascia sign. There is to be a new hanging sign mounted to the fascia panel also, on the left hand side; where previous approval had been granted to have it towards the right hand side of the fascia panel (currently not in place as it kept falling away from the fascia panel.)

The new fascia panel will be 3mm folded aluminium back panel (finished powder-coated in a traditional matt green finish) with white opal acrylic logo and lettering applied to the face. The fascia sign will be non-illuminated.

The new hanging sign will be a 3mm folded aluminium back panel (finished powder-coated in a traditional matt green finish) with white opal acrylic logo applied to the face (same both sides.) It will be suspended from a steel hanging bracket, and will be non-illuminated.

The existing shopfront window and door frames will also be repaired where deteriorated (timber board and moulding to match the existing design and proportions in all instances) and then redecorated to match RAL 7012 Basalt Grey (as existing.)

2.2 HVAC Works to Flat Roof Area

There will be an additional X2 condenser units installed to the rear flat roof area next to the existing X10 units that currently serve the retail unit. The new units will be installed to on a floor mounted unistrut steel frame which will sit on the flat roof structure to prevent any screw or bolt fixings having to be made within the buildings brickwork wall.

Typical AC condenser units, the design and position of the units have been carried out by a specialist. Our client always seeks the advice of independent Air Conditioning specialists, to provide the most efficient AC installation, aiming to use the minimum units possible to comply. The condenser unit will be positioned behind perimeter walls and will not be visible to from the street to either the front, side or rear elevations.

2.3 HVAC Impact

The new external AC condenser units will not impact the high street scene and are only partially visible from a shared car park to the rear. The flat roof area where they will be located, is concealed on 3 sides by the buildings wall/roof constructions, so visual impact of the condenser units will be contained and kept to a minimum.

The condenser units will only be operational during working hours (08:00am – 18:30pm) due to an automatic shut-off system that will be installed to prevent the air conditioning and lighting being on out of trading hours. There are currently X10 condenser units in this area the proposals will ensure a more energy efficient solution to heating and cooling the interior. The max sound pressure for the units is 52dBA @ 1m (please refer to attached data books for technical specifications + noise data.)

We therefore feel the new HVAC layout and condenser unit location reduce any impact afforded to neighbouring properties, and provides a much-improved design.

2.4 Layout

The relationship between the buildings within and outside the application site will not change as a result of this application. The proposals have been designed to be within the existing envelope, to give continuity.

2.5 Scale

No extension or footprint increase is proposed. The scale of the proposals have been kept to a minimum, to match the existing. The AC condenser units are small installations and are being located within a pre-existing service area. The proposed shopfront and signage works, barring a slight prepositioning of a hanging sign, aims to mimic that which is existing, for continuity.

3.0 ACCESS

Pedestrian access to and from the building will be retained as existing, no alterations are proposed. Vehicular access will also remain as existing, no alterations as a result of this application.

4.0 JUSTIFICATION

4.1 Signage Justification

The new shopfront signage is important to our client as it will give the new store brand continuity with the Specsavers brand and make the store recognisable to the general public within the high street location. The proposed aluminium fascia panel offers a number of practical and visual benefits over the existing timber construction.

The existing fascia panel is very exposed to the elements, and continues to deteriorate quickly, requiring regular maintenance and replacements. Aluminium provides a durable, weather-resistant and dimensionally stable substrate that is better suited to withstanding external conditions over an extended period. Unlike timber, it is not susceptible to rot, splitting or deterioration associated with moisture ingress to the same extent, thereby reducing the likelihood of recurring maintenance issues and premature failure.

The replacement fascia will provide a more consistent and refined finish, improving the overall presentation of the signage and ensuring that it maintains a clean, crisp and professional appearance. The use of aluminium will also help minimise warping, distortion and unevenness, allowing the fascia to retain its intended form and finish over time.

Importantly, the proposed replacement will address the shortcomings of the existing deteriorating timber panel. By introducing a more robust and reliable fascia system, the proposal will reduce the risk of materials becoming detached and falling onto the public pavement. The new panel will be securely installed using appropriate fixings and a suitable supporting arrangement, providing a safer and more dependable installation.

The aluminium fascia will also provide a more suitable and reliable substrate for the associated hanging sign. Its durable construction will allow the hanging sign to be securely mounted using fixings appropriate to the design and loading requirements of the installation. This will help ensure that the sign remains stable and safely supported throughout its service life, subject to suitable installation and maintenance.

Whilst aluminium offers clear advantages in terms of durability and performance, careful consideration has been given to ensuring that the replacement fascia retains a traditional and sympathetic appearance.

The proposed aluminium panel will have a matt painted finish, avoiding the reflective or overly contemporary appearance that can sometimes be associated with metal signage. The matt finish will provide a subdued, understated appearance, helping the fascia sit comfortably within its surroundings whilst maintaining the crisp lines and quality of finish expected of a well-maintained commercial frontage. The existing perimeter timber mouldings around the fascia panel will also be retained, and the new sign installed within their demise. This will retain the traditional moulded appearance and hide the aluminium edges of the fascia panel.

The proposal is therefore not intended to introduce an unduly prominent or visually intrusive feature. Rather, it represents a considered improvement to the existing signage, replacing a deteriorating material with a more durable alternative whilst retaining an appropriate visual character.

The improved finish will also contribute positively to the appearance of the building frontage and the wider street scene by removing the tired and weathered appearance associated with the existing timber panel.

The replacement of the existing timber fascia is justified not only on visual and maintenance grounds, but also by the need to address an identified safety concern. The deterioration of the existing panel and the detachment of sections onto the pavement below create a potential risk to passing pedestrians.

The proposed aluminium fascia, installed using an appropriate fixing system, will provide a more robust and reliable alternative, helping to minimise the risk of material failure and falling components. The secure installation of the associated hanging sign will further support the safe operation of the signage.

4.2 HVAC Justification

The proposed AC units are essential to ensure temperature and fresh air flow is maintained within the medical test rooms. Individual units are required for each test room and the customer circulation spaces to ensure the interior temperature is kept constant for the delicate equipment used throughout. This requirement is part of the NHS contract agreement for keeping their store up to the correct standards. The new units are required for some additional units that are required internally.

Our client always seeks the advice of independent Air Conditioning specialists, to provide the most efficient AC installation, aiming to use the minimum units possible to comply. Without the proposed AC and condenser units, Specsavers could not operate from the property and could not provide their eye care and hear care services to the community.

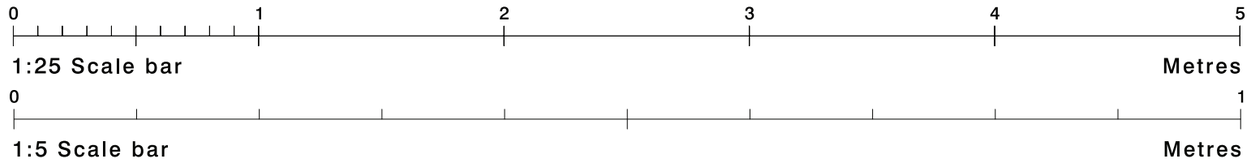
5.0 PHOTOS



Photos show the positioning of existing AC condenser units on the flat roof to the rear.



Photo shows the front elevation of the property.



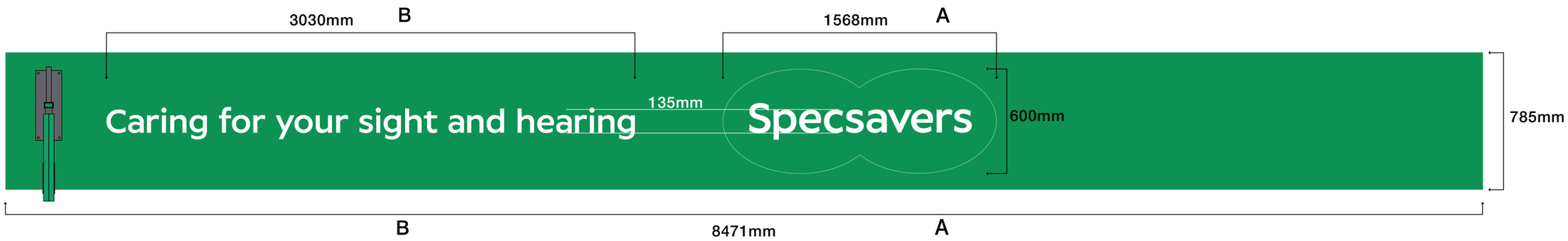
Sign 1 - Non Illuminated Conservation Fascia Sign - Scale 1:25

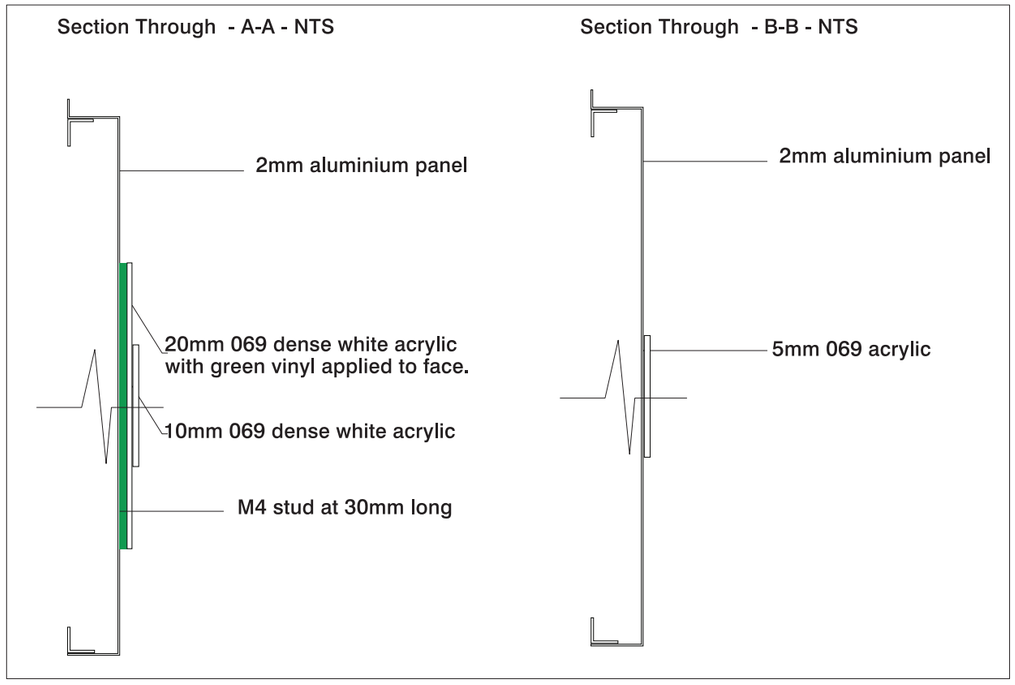
1No. Face panels to be LASER cut 2.5mm Aluminium with 50mm returns.
All panels to be powder coated externally Green PM2418c.
To be fixed using 40x40mm extruded aluminium angle for fixing support.

1No. Set of Strapline lettering to be CNC Router cut 5mm Opal 069 Acrylic, secured to aluminium panel.

1No. 'Specsavers' lozenge to be CNC Router cut 20mm 069 acrylic, with green vinyl applied to face.
Complete with set of 10mm 069 dense white acrylic 'specsavers' text mounted to face.
All to be secured to aluminium panel using M4 studs at 30mm O/A length.

Height from ground to underside of sign is: 2539mm approx





Site
Specsavers
Beccles

Job Number
148198C

Page
4

Drawing Location
W:\Sales\Specsavers\

Scale
as shown @ A3

Issue / Rev
Issue 01

Drawn by
BI

Checked by
BF

Sales Rep
JS

Date
29/09/2026

BUTTERFIELD SIGNS LTD
174 Sunbridge Rd
Bradford West Yorkshire
BD1 2RZ
Tel: 01274 722244
Fax: 01274 848996
Web: www.butterfieldsigns.co.uk

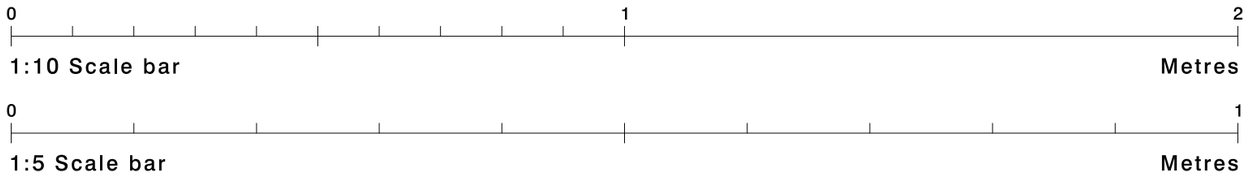
This document is the property of Butterfield Signs Ltd who own the copyright therein. The information in this document is given in confidence and without the written consent of Butterfield Signs Ltd, given by contract or otherwise the document must not be copied, reprinted or reproduced in any material form either wholly or in part nor must the contents of the document or any method of technique available there from be disclosed to any third party.

Sign 02 - Non-Illuminated Conservation Projection Sign

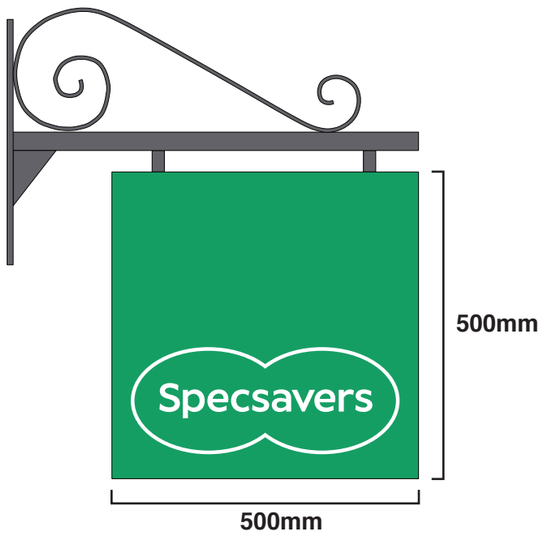
Face panels to be LASER cut 2.5mm aluminium with 25mm returns secured back to back. All panels to be powdercoated externally Green PM2418c. Specsavers lozenge to be router cut 5mm 069 acrylic, with green vinyl applied to face 'Specsavers' text to be weeded out.
Panel secured to decorative protective bracket to suit.

Size: 500 x 500mm
Scale: 1:10

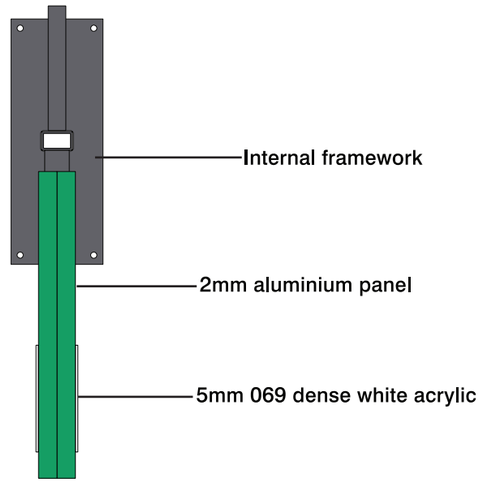
Underside Height is 2555mm approx



Front View

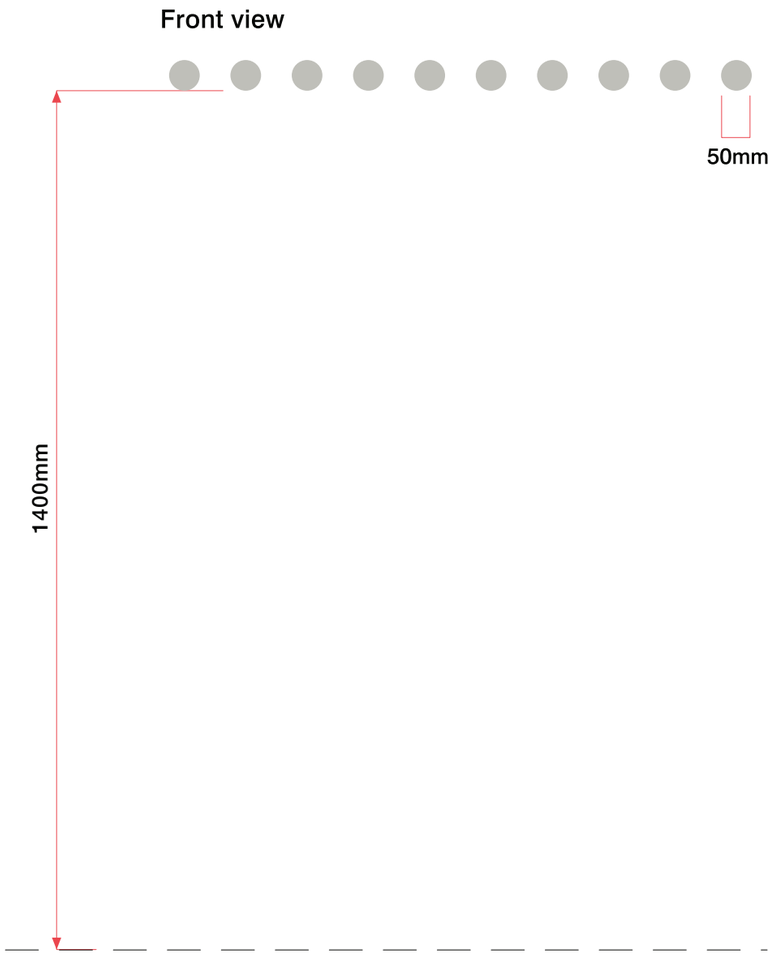


Side View



Sign 3 - Manifestation Dots - Scale 1:10

1No. Set plot cut frosted vinyl manifestation dots. Reverse applied to glazing.

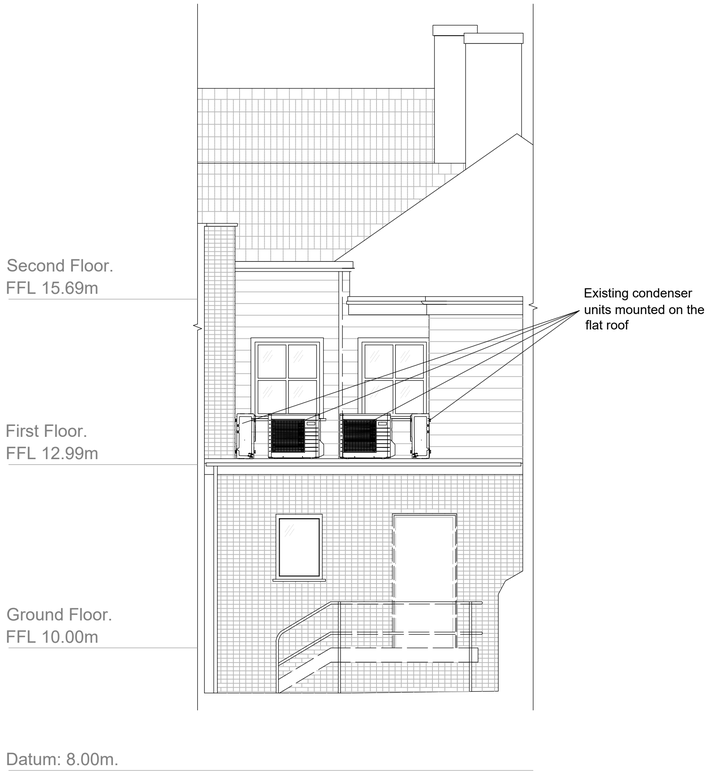


Site Specsavers Beccles	**Job Number** 148198C **Drawing Location** W:\Sales\Specsavers\	**Page** 5	**Scale** as shown @ A3 **Issue / Rev** Issue 01	**Drawn by** BI **Checked by** BF	**Sales Rep** JS **Date** 29/09/2026	**BUTTERFIELD SIGNS LTD** 174 Sunbridge Rd Bradford West Yorkshire BD1 2RZ Tel: 01274 722244 Fax: 01274 848996 Web: www.butterfieldsigns.co.uk

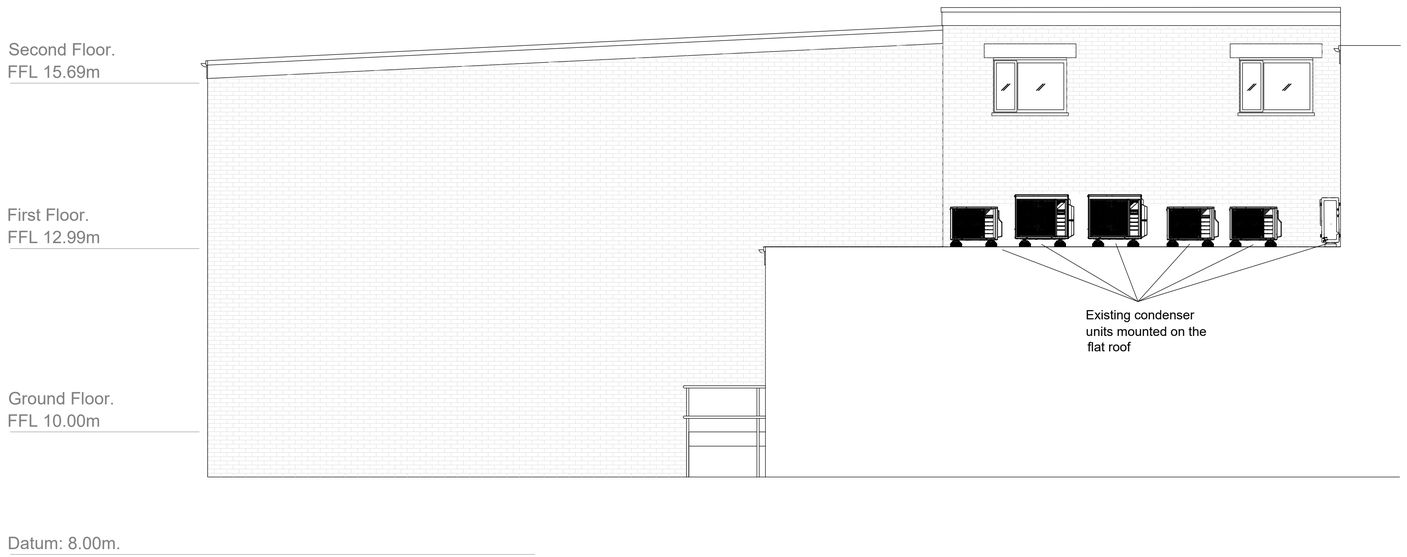
This document is the property of Butterfield Signs Ltd who own the copyright therein. The information in this document is given in confidence and without the written consent of Butterfield Signs Ltd, given by contract or otherwise the document must not be copied, reprinted or reproduced in any material form either wholly or in part nor must the contents of the document or any method of technique available there from be disclosed to any third party.

this drawing remains the property of fisch design limited and duplication of this drawing in whole or any part is strictly forbidden without prior written permission from fisch design ltd

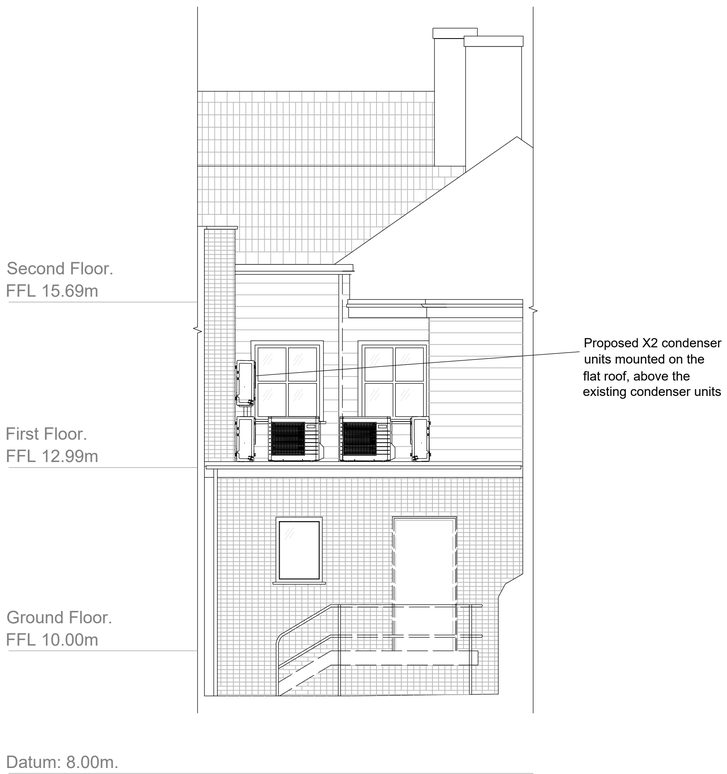
all structural alterations are to be approved by a structural engineer



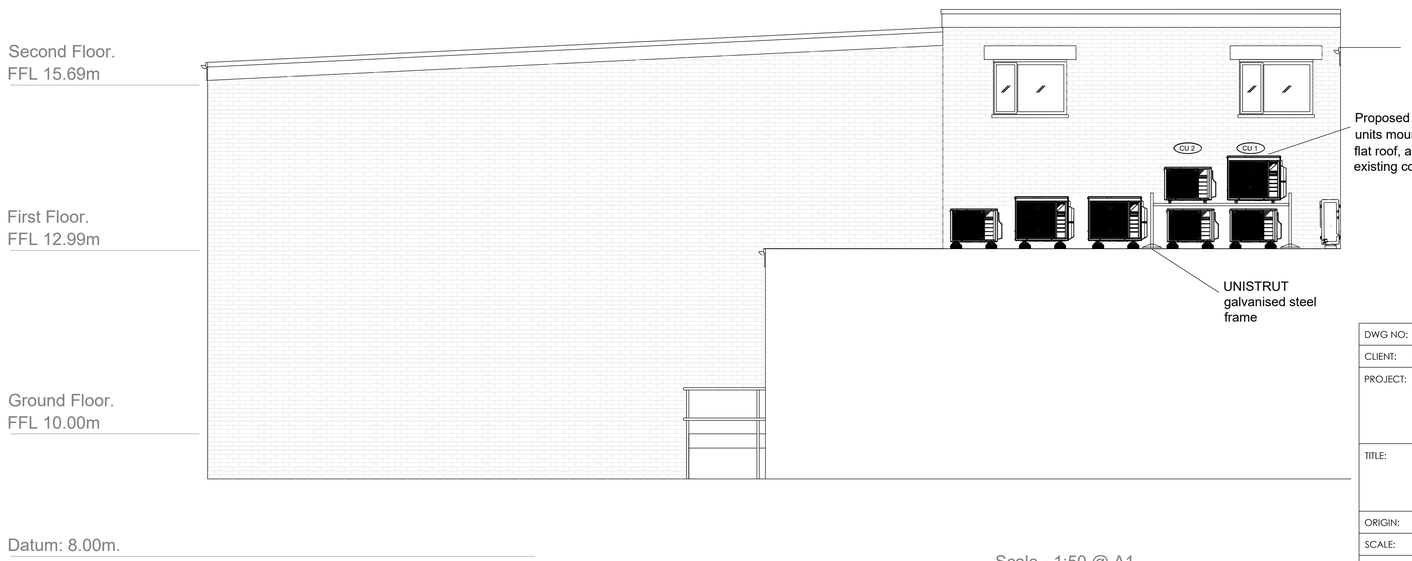
EXISTING REAR ELEVATION - SCALE 1:50 @ A1



EXISTING SIDE SECTION / ELEVATION - SCALE 1:50 @ A1



PROPOSED REAR ELEVATION - SCALE 1:50 @ A1



PROPOSED SIDE SECTION / ELEVATION - SCALE 1:50 @ A1

Scale - 1:50 @ A1

0 1 2 3 4 5

DWG NO:	**2689-02**	REVISION:	**-**
CLIENT:	**Specsavers**		
PROJECT:	**2a The Walk, Beccles NR34 9AJ**		
TITLE:	**Existing and Proposed Rear and Side Elevations**		
ORIGIN:	**-**	CHECKED:	**-**
SCALE:	**1:50@A1**	DATE:	**-**

fisch STRUCTURED CREATIVITY

FISCH DESIGN LTD
1 HERITAGE BUSINESS CENTRE
DERBY ROAD, BELPER
DERBYSHIRE, DE56 1SW

+44 (0)1773 828222 / WWW.FISCHDESIGN.CO.UK / MAIL@FISCHDESIGN.CO.UK

this drawing remains the property of fisch design limited and duplication of this drawing in whole or any part is strictly forbidden without prior written permission from fisch design ltd

all structural alterations are to be approved by a structural engineer

Scale - 1:50 @ A1

0 1 2 3 4 5

Second Floor.
FFL 15.69m

First Floor.
FFL 12.99m

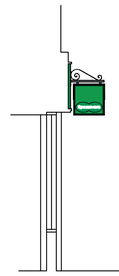
Ground Floor.
FFL 10.00m



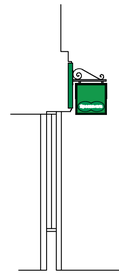
EXISTING FRONT ELEVATION - SCALE 1:50 @ A1



PROPOSED FRONT ELEVATION - SCALE 1:50 @ A1



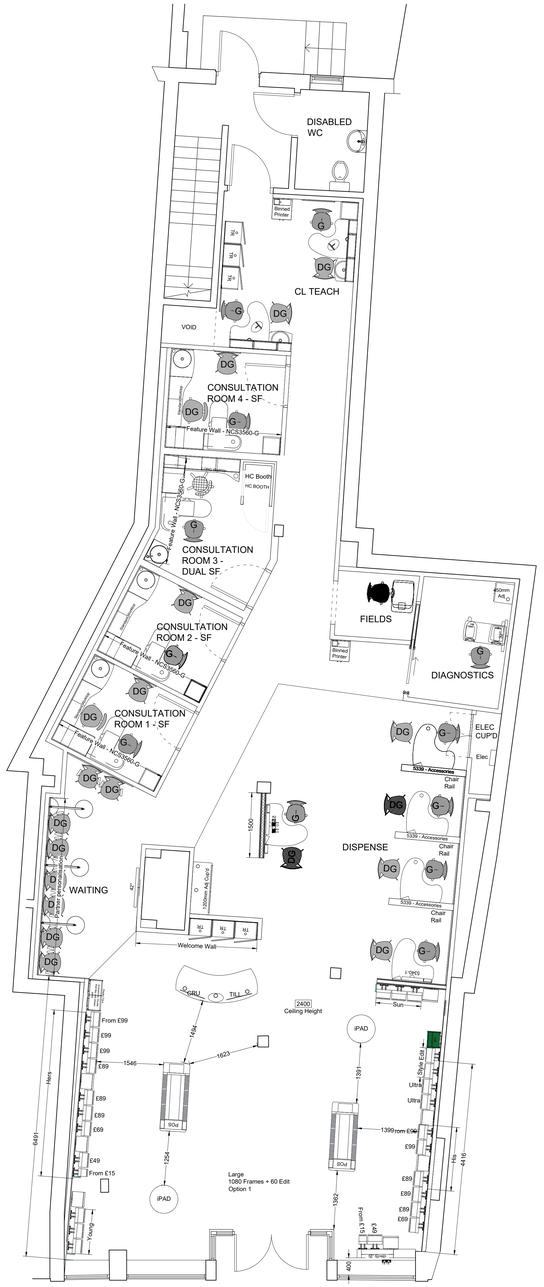
EXISTING SECTION (SIDE)



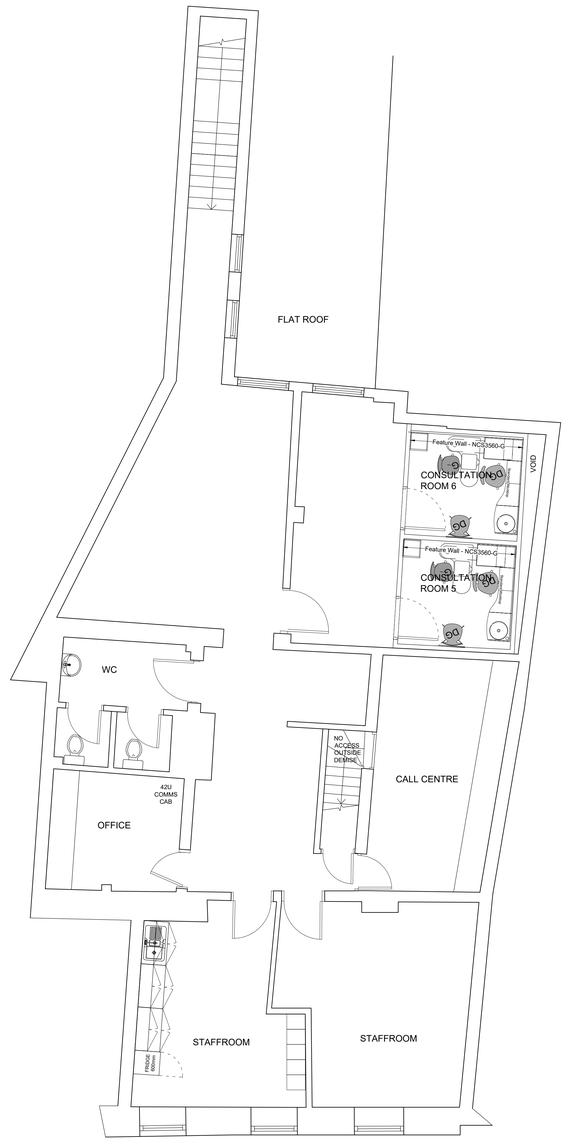
PROPOSED SECTION (SIDE)

DWG NO:	**2689-01** REVISION: **-**
CLIENT:	**Specsavers**
PROJECT:	**2a The Walk, Beccles NR34 9AJ**
TITLE:	**Existing & Proposed Front Elevations /Sections**
ORIGIN:	**TG** CHECKED: **EB**
SCALE:	**1:50@A1** DATE: **09.10.26**

fisch STRUCTURED CREATIVITY
FISCH DESIGN LTD
1 HERITAGE BUSINESS CENTRE
DERBY ROAD, BELPER
DERBYSHIRE, DE56 1SW
+44 (0)1773 828222 / WWW.FISCHDESIGN.CO.UK / MAIL@FISCHDESIGN.CO.UK



EXISTING GROUND FLOOR LAYOUT
SCALE 1:50 @ A0



EXISTING FIRST FLOOR LAYOUT
SCALE 1:50 @ A1



EXISTING SHOPFRONT
SCALE 1:50 @ A1

Scale - 1:50 @ A0

0 1 2 3 4 5

Access statement

The layouts have been drawn in accordance with the agreed accessibility statement Version 9

UNITARY LEGEND

Existing = Black

New = Blue

Amendments:

Rev	Init.	Date	Description

Project:
Specsavers Opticians
2A The Walk,
Beccles,
Suffolk,
NR34 9AJ

Title:
Ground & First Floor
Existing Layout

Specsavers Optical Superstores

Business Development,
Cirrus House,
10 Experian Way,
Nottingham
NG2 1EP

Tel: +44 (0)345 2020 241
Fax:+44 (0)845 2020 241
E: designs@specsavers.com
www.specsavers.com

Beccles
Refresh Plus

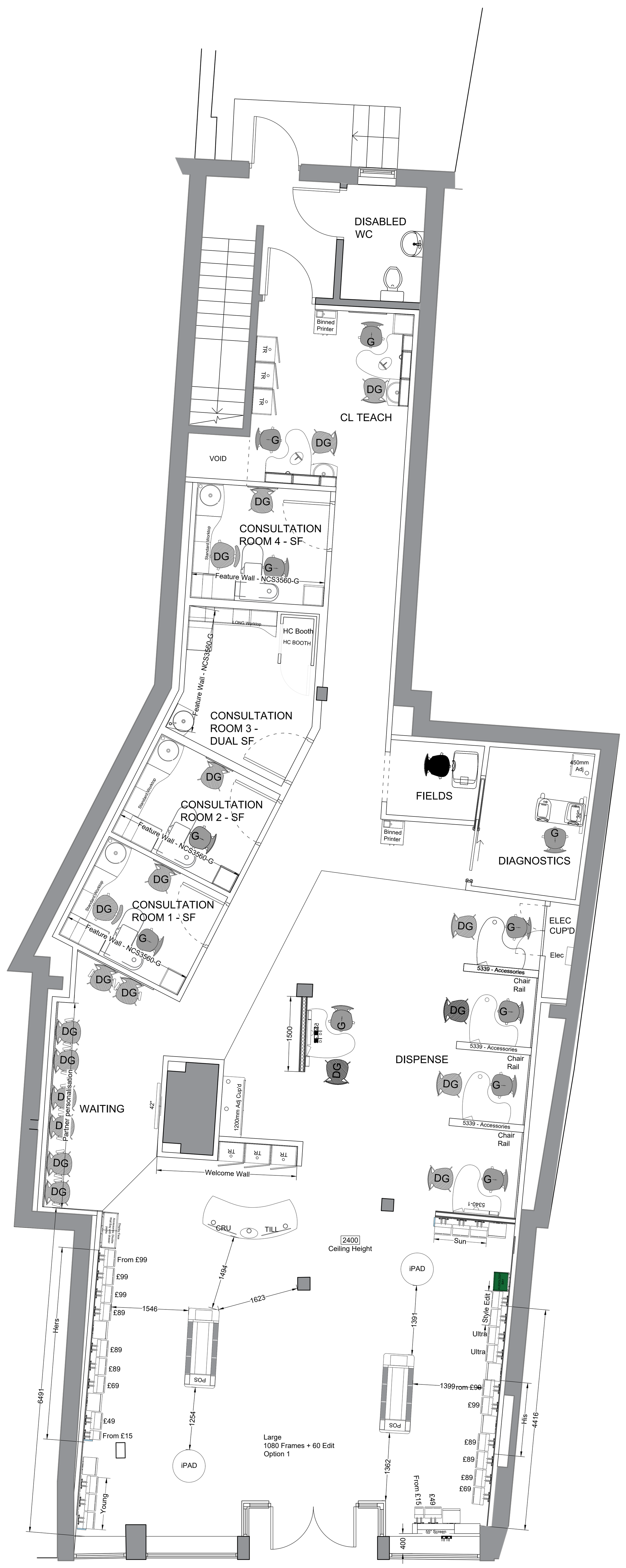
Drawn By:	Scale:	Date:
GN	1:50 @ A0	28.09.26

Drawing Number: 1177/101

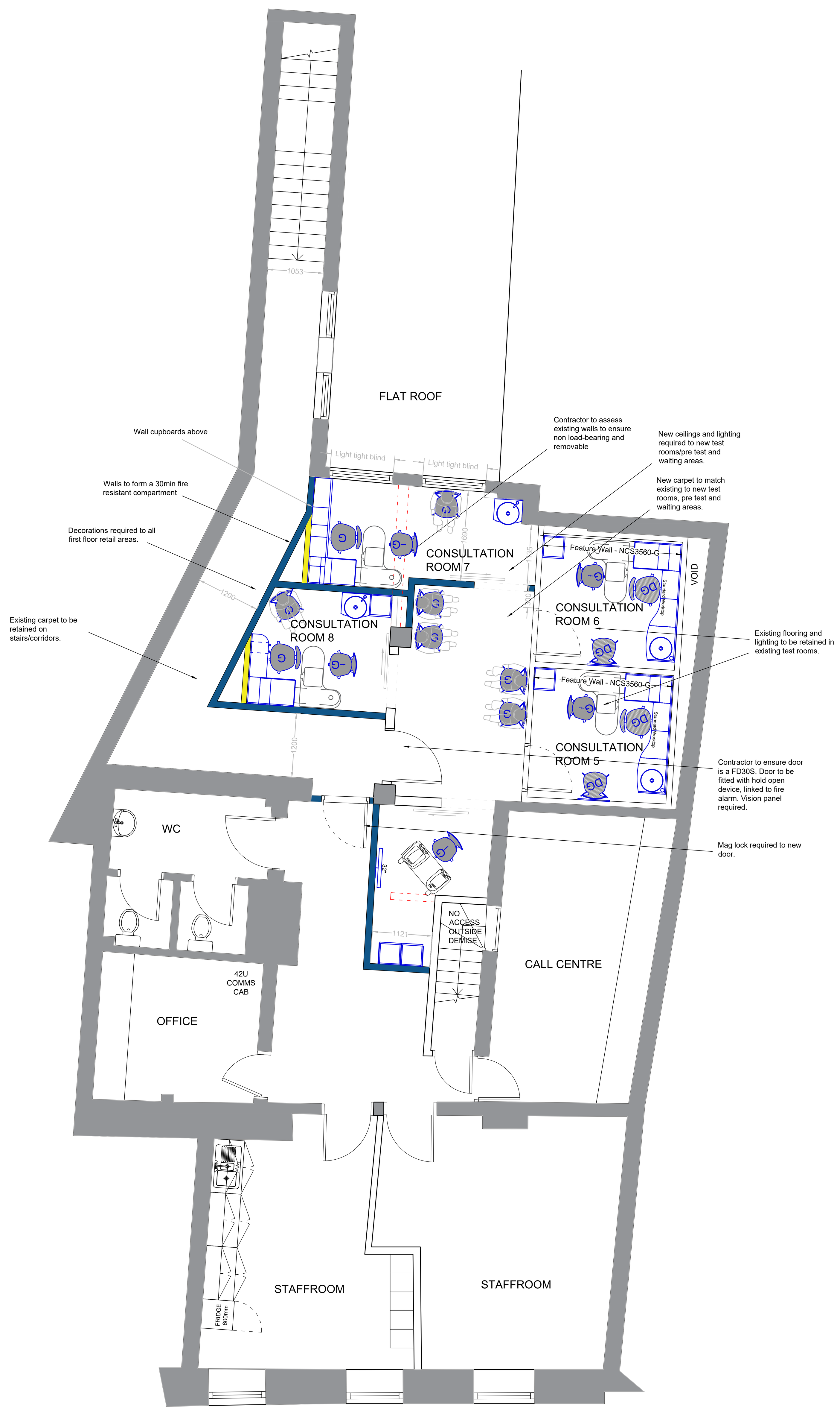
Revision: -

FROZEN DESIGN

Do not scale from this drawing. Dimensions to be checked on site.



PROPOSED GROUND FLOOR LAYOUT
SCALE 1:50 @ A0



PROPOSED FIRST FLOOR LAYOUT
SCALE 1:50 @ A1



PROPOSED SHOPFRONT
SCALE 1:50 @ A1

WALL LEGEND

	PARTITION OR WALL REMOVED
	EXISTING PARTITION OR WALL
	STANDARD STUD WALL NBS Spec Ref: K10/125 12.5mm plasterboard taped and filled on 12mm OSB/3 either side of a 70mm metal stud
	ACOUSTIC STUD WALL NBS Spec Ref K10/128: 2no. layers of 12.5mm soundbloc plasterboard on 12mm OSB/3 on either side of a 70mm metal stud complete with resilient bar fitted to the inside face.
	WALL LININGS NBS Spec Ref K10/155: 12.5mm Plasterboard on 12mm OSB/3 on 70mm Gypliner wall lining system
	PRODUCT WALL LINING 12.5mm Plasterboard on 18mm OSB/3 on 70mm Gypliner wall lining system
	ACOUSTIC WALL LININGS NBS Spec Ref ----- 2no. layers of 12.5mm Soundbloc Plasterboard on 12mm OSB/3 on 70mm Gypliner wall lining system complete with resilient bar to the inside face.
HALF HEIGHT WALL	**HALF HEIGHT / DWARF WALL** NBS Spec Ref K10:126 12.5mm Soundbloc Plasterboard on 12.5mm Plywood / sterling board on 70mm s/w timber stud.

Total Areas	sqm	sqft
Basement GIA		
Ground Floor GIA	200	
1st Floor GIA	161	
2nd Floor GIA		
3rd Floor GIA		

	Existing	Proposed
Frame Numbers	1080	1080
Number of Diagnostics Rooms	1	2
Number of Fields Rooms	1	1
Number of Long Form Rooms	0	0
Number of Short Form Rooms	5	7
Number of Dual Rooms	1	1
Number of dedicated Audiology Rooms	0	0
Number of Wax Rooms	0	0
Number of Wall mounted Desks (5340)	1	1
Number of Single Wall Accessory Desks (5339)	4	4
Number of Double Wall Accessory Desks (5338-1)	0	0

Access statement

The layouts have been drawn in accordance with the agreed accessibility statement Version 9

UNITARY LEGEND

Existing = Black
New = Blue

Amendments:

Rev	Init.	Date	Description
-	-	-	-

Project:
Specsavers Opticians
2A The Walk,
Beccles,
Suffolk,
NR34 9AJ

Title:
Ground & First Floor
Proposed Layout

FROZEN DESIGN

Specsavers Optical Superstores

Business Development,
Cirrus House,
10 Experian Way,
Nottingham
NG2 1EP

Tel: +44 (0)345 2020 241
Fax:+44 (0)845 2020 241
E: designs@specsavers.com
www.specsavers.com

Beccles
Refresh Plus

Drawn By:	Scale:	Date:
JH	1:50 @ A0	28.09.26

Drawing Number:	Revision:
1177/102	-

Scale - 1:50 @ A0
0 1 2 3 4 5

Do not scale from this drawing. Dimensions to be checked on site.

HERITAGE STATEMENT

Specsavers Opticians, 2a The Walk, Beccles, NR34 9AJ

1.0 INTRODUCTION

1.1 Overview

This statement is in support of the above site for:

Listed Building Consent: Proposed installation of X2 new AC condenser units to rear flat roof area. New shopfront signage. Repairs & redecoration of shopfront.

Advertisement Consent: New shopfront facia signage & hanging sign.

Use: The unit is situated within the high street neighboured by various other retailers. It is currently trading as Specsavers and will continue to do so.

1.2 Planning Statement

The proposed design and location of proposals aim to satisfy Local Planning Policy and the National Planning Policy Framework, in particular Section 16 relating to conserving historic environments

2.0 HERITAGE ASSESSMENT

2.1 Signage Works

The existing timber fascia sign will be replaced with aluminium fascia panels finished matt green.

A new hanging sign will also be installed to the shopfront. This will be mounted to the aluminium fascia panel, and be made up of a folded aluminium panel with moulded edge detail, to a steel hanging bracket to give the whole sign a heritage style and appearance. The hanging sign will be non-illuminated.

2.2 Works to Flat Roof Area

There will be an additional X2 condenser units installed to the rear flat roof area next to the existing X10 units that currently serve the retail unit. The new units will be installed to on a floor mounted unistrut steel frame which will sit on the flat roof structure to prevent any screw or bolt fixings having to be made within the buildings brickwork wall.

Typical AC condenser units, the design and position of the units have been carried out by a specialist. Our client always seeks the advice of independent Air Conditioning specialists, to provide the most efficient AC installation, aiming to use the minimum units possible to comply. The condenser unit will be positioned behind perimeter walls and will not be visible to from the street to either the front, side or rear elevations.

2.3 Shopfront Refurbishment

The existing shopfront window and door frames will also be repaired where deteriorated (timber board and moulding to match the existing design and proportions in all instances) and then redecorated to match RAL 7012 Basalt Grey (as existing.)

2.4 Internal Works

There are some internal works, mainly to the rear of the first floor area, which comprise of removing a section of modern walling and installing some new stud wall partitioning and new fixturing. There will be new floor finishes to these areas and a new suspended ceiling tile layout installed for installation of new lighting and HVAC. Please Note: These internal works are all within the modern rear extension section at the rear of the property, and will not affect the listed elements of the traditional main frontage of the building, which will all be retained as existing. The works proposed are intended to be undertaken as sympathetically as possible replacing like for like, or by enhancing the traditional aesthetic. Contractors will be made aware of the listed status of the building/main building throughout works.

2.5 Analysis of the Buildings Significance

This property carries a grade II listing.
List Entry Number: 1206163 Listed 22-Steptember-1971. Listing NGR: TM 42165 90432

The property is also within the town centre conservation area which comprises one of the main focal point in the area. This property also lies amongst numerous other listed buildings & is grouped with other listed properties (Units 1-8, The Walk) to form an important group opposite St Michael's church & tower, both of which carry a grade I listing.

The description on Historic England reads as such: Early 19th century. Two storeys and attic, one dormer. Slates. Three first floor sash windows, with exposed frames, now with centre glazing bars only, and with flat arches. Suffolk yellow brick. Modern glass bank front, ground floor. Group value.

2.6 Justification for the Proposed Works

The new shopfront signage is important to our client as it will give the new store brand continuity with the Specsavers brand and make the store recognisable to the general public within the high street location. The proposed aluminium fascia panel offers a number of practical and visual benefits over the existing timber construction.

The existing fascia panel is very exposed to the elements, and continues to deteriorate quickly, requiring regular maintenance and replacements. Aluminium provides a durable, weather-resistant and dimensionally stable substrate that is better suited to withstanding external conditions over an extended period. Unlike timber, it is not susceptible to rot, splitting or deterioration associated with moisture ingress to the same extent, thereby reducing recurring maintenance issues and premature failure.

The replacement fascia will provide a more consistent and refined finish, improving the overall presentation of the signage and ensuring that it maintains a clean, crisp and professional appearance. The use of aluminium will also help minimise warping, distortion and unevenness, allowing the fascia to retain its intended form and finish over time.
Importantly, the proposed replacement will address the shortcomings of the existing deteriorating timber panel. By introducing a more robust and reliable fascia system, the proposal will reduce the risk of materials becoming detached and falling onto the public pavement. The new panel will be securely installed using appropriate fixings and a suitable supporting arrangement, providing a safer and more dependable installation.

The aluminium fascia will also provide a more suitable and reliable substrate for the associated hanging sign. Its durable construction will allow the hanging sign to be securely mounted using fixings appropriate to the design and loading requirements of the installation. This will help ensure that the sign remains stable and safely supported throughout its service life, subject to suitable installation and maintenance.

Whilst aluminium offers clear advantages in terms of durability and performance, careful consideration has been given to ensuring that the replacement fascia retains a traditional and sympathetic appearance.

The proposed aluminium panel will have a matt painted finish, avoiding the reflective or overly contemporary appearance that can sometimes be associated with metal signage. The matt finish will provide a subdued, understated appearance, helping the fascia sit comfortably within its surroundings whilst maintaining the crisp lines and quality of finish expected of a well-maintained commercial frontage. The existing perimeter timber mouldings around the fascia panel will also be retained, and the new sign installed within their demise. This will retain the traditional moulded appearance and hide the aluminium edges of the fascia panel.

The proposal is therefore not intended to introduce an unduly prominent or visually intrusive feature. Rather, it represents a considered improvement to the existing signage, replacing a deteriorating material with a more durable alternative whilst retaining an appropriate visual character. The improved finish will also contribute positively to the appearance of the building frontage and the wider street scene by removing the tired and weathered appearance associated with the existing timber panel.

The replacement of the existing timber fascia is justified not only on visual and maintenance grounds, but also by the need to address an identified safety concern. The deterioration of the existing panel and the detachment of sections onto the pavement below create a potential risk to passing pedestrians. The proposed aluminium fascia, installed using an appropriate fixing system, will provide a more robust and reliable alternative, helping to minimise the risk of material failure and falling components. The secure installation of the associated hanging sign will further support the safe operation of the signage.

The proposed AC units are essential to ensure temperature and fresh air flow is maintained within the medical test rooms. Individual units are required for each test room and the customer circulation spaces to ensure the interior temperature is kept constant for the delicate equipment used throughout. This requirement is part of the NHS contract agreement for keeping their store up to the correct standards. The new units are required for some additional units that are required internally.

Our client always seeks the advice of independent Air Conditioning specialists, to provide the most efficient AC installation, aiming to use the minimum units possible to comply. Without the proposed AC and condenser units, Specsavers could not operate from the property and could not provide their eye care and hear care services to the community.

3.0 ASSESSMENT OF IMPACT ON ASSETS

The works to be undertaken will not have a detrimental effect on the character or appearance of the building and surrounding conservation area, due to the works being only minor refurbishment and branding works with no major alterations. The proposed signage is non illuminated heritage style signage, with a matt finish, that is sympathetic to the building's traditional aesthetic, and replicates the existing approved signage scheme and retains its timber detailing to the perimeter.

The proposed condenser units have been carefully positioned to the rear of the property to an existing flat roof area which currently already contains existing condenser units. The condenser units will therefore not be visible from any of the street elevations, and will not be visible when viewing any of the identified listed assets from the front, side and rear elevations.

The proposed works will not harm or damage the listed fabric of the building, and every effort will be made to retain the historic character and appearance of the building. Contractors will be made aware of the listing and the importance of protecting original features and constructions, and will refer to project managers for guidance during their time on site.

The proposals do provide an opportunity to ensure this building does not fall into further risk of neglect, decay or other threats. We believe the proposals will safeguard the future of the buildings by making them a commercially viable retail property within the high street location of Beccles providing much needed medical appointments to the community and generating employment opportunities for the foreseeable future within the area.

4.0 PHOTOS



Photos show the positioning of existing AC condenser units on the flat roof to the rear.



Photo shows the front elevation of the property.

Specsavers Beccles

First Floor Fresh Air & Extract Design

LOCATION	LENGTH m	WIDTH m	AREA m2	HEIGHT m	VOLUME m3	DESIGN OCCUPANCY LEVEL asummes 1 person for every square metre below	ESTIMATED TOTAL OCCUPANCY	DESIGN FRESH AIR RATES litres / sec / person	DESIGN FRESH AIR / EXTRACT REQUIRED litres per sec	DESIGN FRESH AIR / EXTRACT REQUIRED m3/sec	DESIGN FRESH AIR / EXTRACT REQUIRED m3/hr
CR7			0		0		2	10	20	0.02	72
CR8			0		0		2	10	20	0.02	72
FIELDS			0		0		2	10	20	0.02	72
			0		0						
							TOTAL DESIGN AIR FLOW RATES REQUIRED			0.06	216
										m3/sec	m3/hr

AIR CONDITIONING EQUIPMENT SCHEDULE

INDOOR UNIT REFERENCE	MODEL REFERENCE	INDOOR UNIT LOCATION	CONDENSATE DRAIN	REMOTE CONTROLLER TYPE	NOMINAL COOLING CAPACITY	NOMINAL HEATING CAPACITY	OUTDOOR UNIT REFERENCE	MODEL REFERENCE	OUTDOOR UNIT DIMS & WEIGHT
AC 1/A	DAIKIN FTXA20EW	CONSULTATION ROOM 5	GRAVITY	WIRELESS	2.0Kw	2.5Kw			
AC 1/B	DAIKIN FTXA20EW	CONSULTATION ROOM 6	GRAVITY	WIRELESS	2.0Kw	2.5Kw	CU 1	DAIKIN 5MXM90A9	734mm (h) x 974mm(w) x 408mm(d) 68kG
AC 1/C	DAIKIN FTXA20EW	CONSULTATION ROOM 7	PUMP	WIRELESS	2.0Kw	2.5Kw			
AC 1/D	DAIKIN FTXA20EW	CONSULTATION ROOM 8	GRAVITY	WIRELESS	2.0Kw	2.5Kw			
AC 2	DAIKIN FTXM 35 B	WAITING	PUMP	WIRELESS	3.4Kw	4.0Kw	CU 2	DAIKIN RXM 35 A	610mm (h) x 932mm(w) x 367mm(d) 32kG

AIR CONDITIONING EQUIPMENT ELECTRICAL REQUIREMENTS

UNIT REFERENCE	SUPPLY CHARACTERISTICS	MANUFACTURERS RECOMMENDED PROTECTIVE DEVICE	ISOLATOR TYPE	LOCATION OF POWER	MAX START CURRENT	MAX RUN CURRENT
CU 1	230v Single Phase & Neutral	32amp Type "C" Circuit Breaker	OUTDOOR ROTARY ISOLATOR	ADJACENT OUTDOOR UNIT	N/A	25.8amp
CU 2	230v Single Phase & Neutral	16amp Type "C" Circuit Breaker	OUTDOOR ROTARY ISOLATOR	ADJACENT OUTDOOR UNIT	4.4amp	8.8amp

VENTILATION/EXTRACT/SUPPLY FAN/GRILLE SCHEDULE

REFERENCE	DESCRIPTION	AREA SERVING	CONTROL
FA 1	ELTA JETFLOW SILENT 150 IN-LINE FAN	CONSULTATION ROOMS	VIA LOCAL LIGHTING CIRCUIT
EF 1	ELTA JETFLOW SILENT 150 IN-LINE FAN	CONSULTATION ROOMS	VIA LOCAL LIGHTING CIRCUIT
AV	100mm Dia PLASTIC AIR VALVE	CONSULTATION ROOMS	N/A
FILTER	150mm IN-LINE FILTER	CONSULTATION ROOMS	N/A
HEATER BATTERY	150mm IN-LINE HEATER BATTERY	CONSULTATION ROOMS	AUTOMATIC INTEGRAL CONTROLS

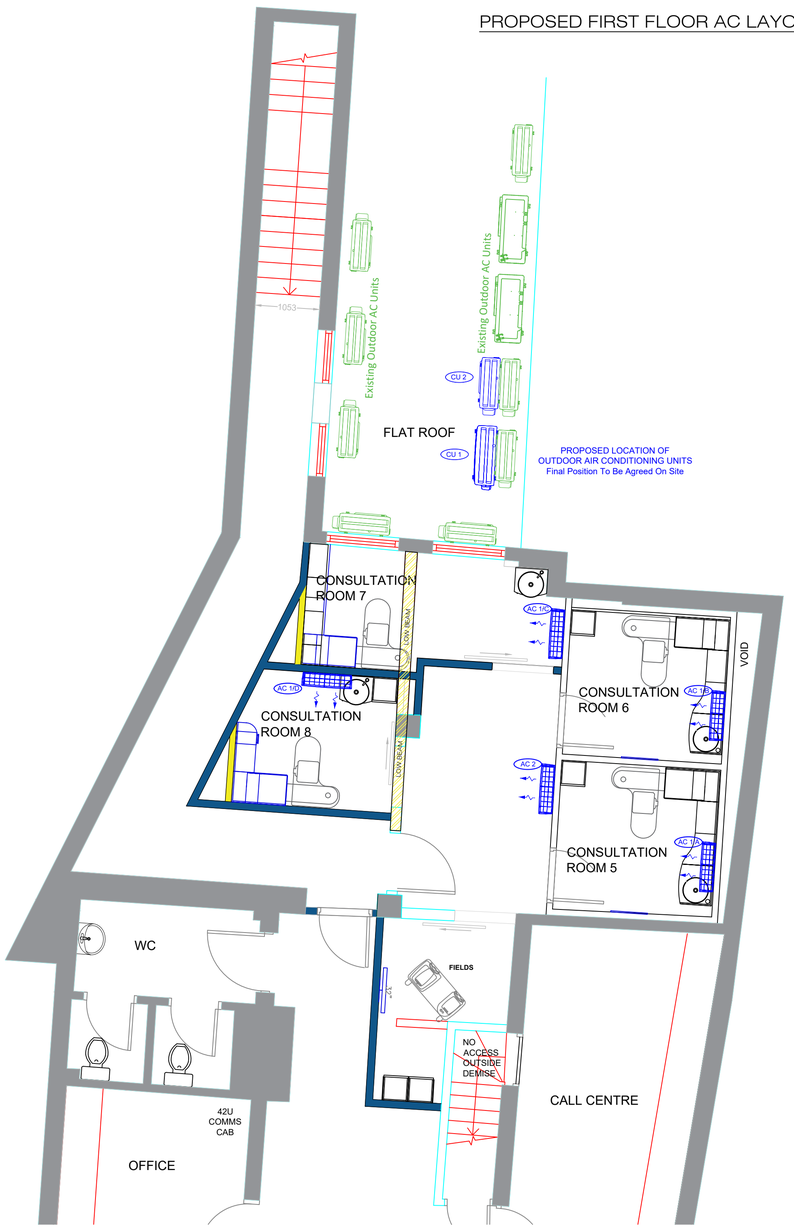
VENTILATION EQUIPMENT ELECTRICAL REQUIREMENTS

REFERENCE	SUPPLY CHARACTERISTICS	MANUFACTURERS RECOMMENDED PROTECTIVE DEVICE	ISOLATOR TYPE	LOCATION OF POWER
FA 1	230v Single Phase & Neutral	10amp Type "B" Circuit Breaker	SWITCHED FUSED SPUR ISOLATOR	ADJACENT TO FAN
EF 1	230v Single Phase & Neutral	10amp Type "B" Circuit Breaker	SWITCHED FUSED SPUR ISOLATOR	ADJACENT TO FAN
HEATER BATTERY (2.0Kw)	230v Single Phase & Neutral	13amp Type "B" Circuit Breaker	SWITCHED FUSED SPUR ISOLATOR	ADJACENT TO UNIT

scale in metres (for floor plans, sections and elevations)

0 1 2 3 4 5

PROPOSED FIRST FLOOR AC LAYOUT



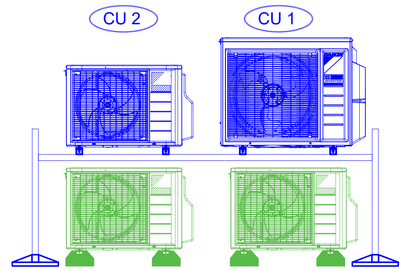
EXISTING OUTDOOR AC UNITS ON FLAT ROOF



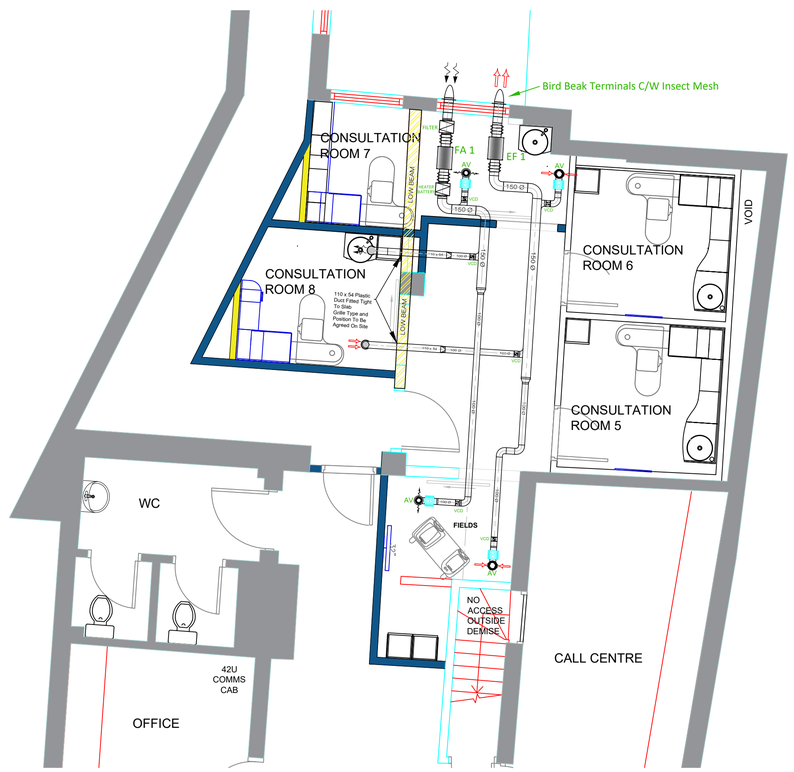
DETAIL OF OUTDOOR AC UNITS ON FLAT ROOF

(not to scale)

NEW OUTDOOR AC UNITS TO BE MOUNTED ABOVE EXISTING AC UNITS ON "UNISTRUT" TYPE GALVANISED STEEL FRAME



PROPOSED FIRST FLOOR VENTILATION LAYOUT



Rev	Revision Details	Date	By	App
1	Additional Information For Outdoor AC units Added	08.10.26	GW	DM

CALBY AIR LIMITED

Unit 18
Ripponden Business Park
Ripponden
Halifax
HX6 4FF

Tel.: 01422 315 999
e-mail: enquiries@calbyair.co.uk

The drawing and design shown herein are the exclusive property of Calby Air. The drawing shall not be copied nor it's contents communicated or reproduced in any form or for any purpose without the prior written permission of Calby Air.

status: PROPOSED

client: SPECSAVERS

project: BECCLES

title: HVAC LAYOUT

drawing No: E/10609/01

scale: 1/50@A1

date: 07.10.26

drawn by: GW

app by: DM

Rev: 1

Specsavers Opticians
2A The Walk
Beccles
Suffolk
NR34 9AJ

Date printed: 15 October 2026

Neighbour consultations

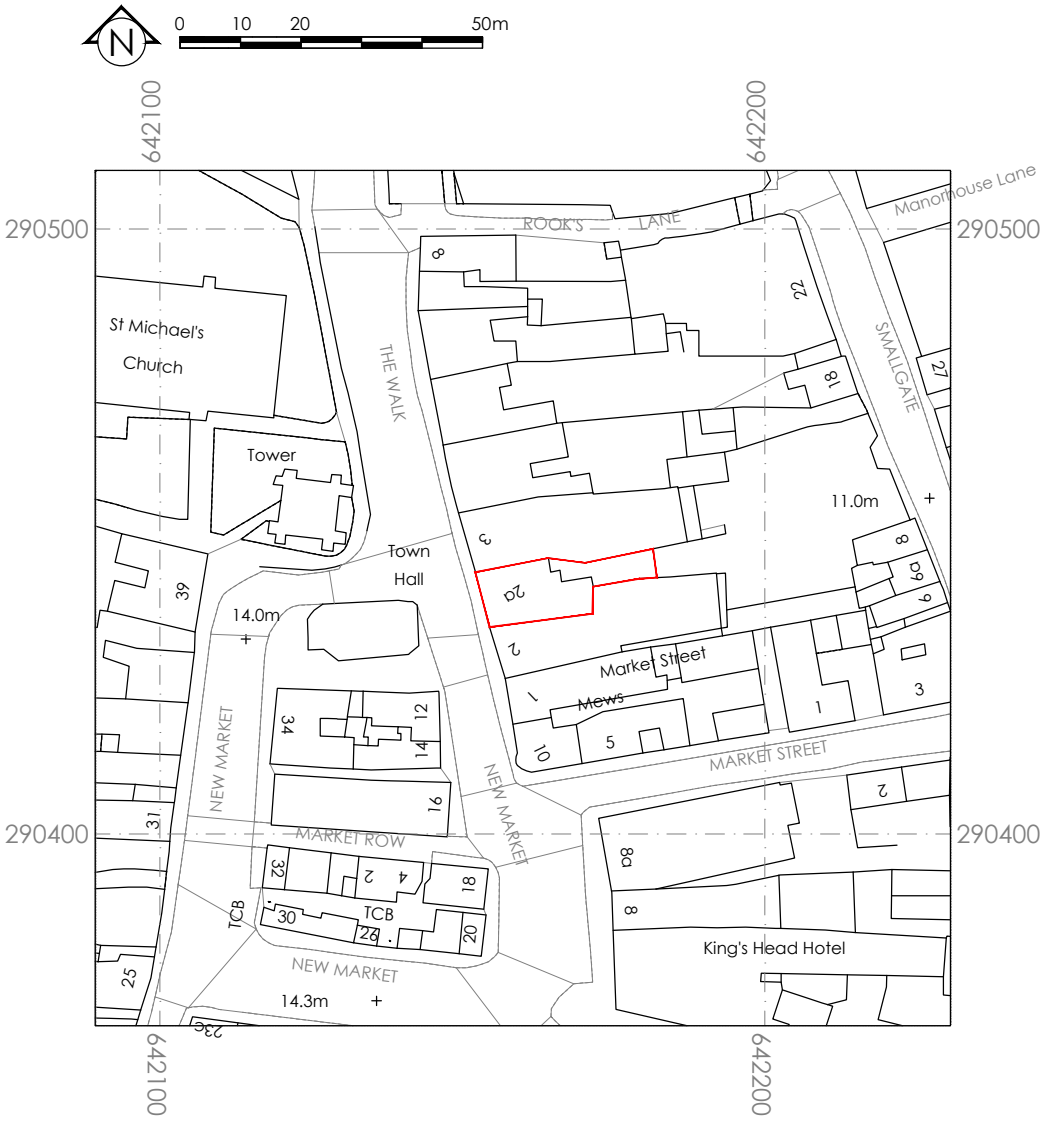
Address	Date consulted
3 The Walk, Beccles, Suffolk	15 October 2026
2 The Walk, Beccles, Suffolk	15 October 2026
8 Smallgate, Beccles, Suffolk	15 October 2026

Further addresses may be added during the planning application process.

Consultees

Consultee	Date consulted
Beccles Town Council	15 October 2026
East Suffolk Design And Heritage	15 October 2026

Further consultees may be added during the planning application process.



LOCATION PLAN 1:1250 @ A4

© Crown Copyright and database rights 2026 OS 100047474.

DWG NO: **2689-LP** REVISION: **-**	TITLE: **Location Plan**	fisch STRUCTURED CREATIVITY	**FISCH DESIGN LTD** 3 HERITAGE BUSINESS CENTRE DERBY ROAD, BELPER DERBYSHIRE, DE56 1SW
CLIENT: **Specsavers**			
PROJECT: **2a The Walk, Beccles, NR34 9AJ**	ORIGIN: **TG** CHECKED:		+44 (0)1773 828222 / WWW.FISCHDESIGN.CO.UK / MAIL@FISCHDESIGN.CO.UK
	SCALE: **1:1250@A4** DATE: **05.10.26**		

Beccles Town Council
Clerk To Beccles Town Council
Town Hall
The Walk
Beccles
Suffolk
NR34 9AJ

Your ref:
Our ref: DC/26/3573/ADN
Date: 16 October 2026
Please ask for: Mr Timothy Warnes
Direct dial: 01502 523020
Email: planning@eastsuffolk.gov.uk

Dear Sir/Madam,

Planning consultation

Application no.:	DC/26/3573/ADN
Proposal:	Non-Illuminated Advertisement Consent - Replacement fascia sign and hanging sign to shopfront.
Site address:	2A The Walk, Beccles, Suffolk, NR34 9AJ,
Consultation letter expiry date:	6 November 2026
Link:	Public Access

A new consultation for application DC/26/3573/ADN has been received in your Public Access Consultee In-tray.

Please submit comments via Public Access **only**.

Note that all comments submitted, and any plans/drawings, photographs, visualisations, assessments or other materials submitted must comply with the East Suffolk Council Artificial Intelligence Policy. Particular regard must be given to paragraph 6.9 of that policy, including declaring where AI has been used in the creation or alteration of comments and items that are submitted, and how it has been used.

If an application is to be considered and determined via Planning Committee, in addition to the established Public Access and CMIS notifications, an email notification will be sent to all relevant ESC Ward Members, and the relevant Town and Parish Council(s). Third Parties and other consultees will not be notified via email, and they will need to continue to check Public Access and

CMIS to see if/when an application is scheduled for Planning Committee. The date of that meeting will be displayed on the 'Important Dates' Tab of the application on Public Access and a report with recommendation will be published at least five working days prior to the meeting at https://eastsuffolk.cmis.uk.com/eastsuffolk/Committees.aspx.

Further information on registering to speak at Planning Committee meetings and how to attend in person or watch via YouTube is published on the webpage for each meeting.

Yours faithfully,



Ben Woolnough MRTPI | Head of Planning and Building Control
East Suffolk Council

Properties which the Local Planning Authority has written to:

3 The Walk, Beccles, Suffolk
2 The Walk, Beccles, Suffolk
8 Smallgate, Beccles, Suffolk
No neighbour letters sent.

Further addresses may be added during the course of the planning application process.

EASTSUFFOLK COUNCIL

Application for Consent to Display an Advertisement(s)

Town and Country Planning (Control of Advertisement) (England) Regulations 2007 (as amended)

Publication of applications on planning authority websites

Please note that the information provided on this application form and in supporting documents may be published on the Authority's website. If you require any further clarification, please contact the Authority's planning department.

Site Location

Disclaimer: We can only make recommendations based on the answers given in the questions.

If you cannot provide a postcode, the description of site location must be completed. Please provide the most accurate site description you can, to help locate the site - for example "field to the North of the Post Office".

Number: 2

Suffix: A

Property Name:

Address Line 1: The Walk

Address Line 2:

Address Line 3: Suffolk

Town/city: Beccles

Postcode: NR34 9AJ

Description of site location must be completed if postcode is not known:

Easting (x): 642160

Northing (y): 290439

Description:

Applicant Details

Name/Company

Title

First name

Surname

Specsavers

Company Name

Specsavers Optical Stores UK

Address

Address line 1

Cirrus House

Address line 2

10 Experian Way

Address line 3

Town/City

Nottingham

County

Country

United Kingdom

Postcode

NG2 1EP

Are you an agent acting on behalf of the applicant?

- [x] Yes
- [ ] No

Applicant Contact Details

Primary number

***** REDACTED ******

Secondary number

Fax number

Email address

***** REDACTED ******

Agent Details

Name/Company

Title

First name

-

Surname

Fisch Planning

Company Name

Fisch Design

Address

Address line 1

Fisch Design Ltd

Address line 2

Unit 1 Heritage Business Centre

Address line 3

Derby Road

Town/City

Belper

County

Country

GB

Postcode

DE56 1SW

Contact Details

Primary number

***** REDACTED ******

Secondary number

Fax number

Email address

***** REDACTED ******

Type of Proposed Advertisement(s)

Please describe the proposed advertisement(s)

Replacement fascia sign and hanging sign to shopfront.

Please specify the type(s) and details of each proposed advertisement

Advertisement Type:
Fascia Sign

Height:
0.785 metres

Width:
8.471 metres

Depth:
0.075 metres

What is the height from the ground to the base of the advertisement?:
2.539 metres

What is the maximum projection of the advertisement from the face of the building?:
0.075 metres

What is the maximum height of any of the individual letters and symbols?:
60 centimetres

What materials will the advertisement be made of?:
Folded aluminium fascia panel with fret cut opal acrylic logo / lettering.

The colour of text and background:
White text to green background.

Will the advertisement be illuminated?:

Advertisement Type:
Projecting or Hanging Sign

Height:
0.5 metres

Width:
0.5 metres

Depth:
0.05 metres

What is the height from the ground to the base of the advertisement?:
2.555 metres

What is the maximum projection of the advertisement from the face of the building?:
0.7 metres

What is the maximum height of any of the individual letters and symbols?:
20 centimetres

What materials will the advertisement be made of?:
Folded aluminium back panels with fret cut opal acrylic logs to face (same both sides.)

The colour of text and background:
White text to green background.

Will the advertisement be illuminated?:

Location of Advertisement(s)

Is the advertisement(s) you are applying for already in place?

◯ Yes
⊘ No

Is an existing advertisement(s) to be removed and replaced by the advertisement(s) in this proposal?

- [x] Yes
- [ ] No
- [ ] Not Applicable

If Yes to either or both above, please show the existing sign(s) on an elevation drawing or photograph and state the references for the drawing(s) or photograph(s)

See elevations drawing and signage pack.

Will the proposed advertisement(s) project over a footpath or other public highway?

- [x] Yes
- [ ] No

Advertisement(s) Period

Please state the period of time for which consent is sought for the advertisement

From Date

30/11/2026

To Date

30/11/2031

Neighbour and Community Consultation

Have you consulted your neighbours or the local community about the proposal?

- [ ] Yes
- [x] No

Site Visit

Can the site be seen from a public road, public footpath, bridleway or other public land?

- [x] Yes
- [ ] No

If the planning authority needs to make an appointment to carry out a site visit, whom should they contact?

- [x] The agent
- [ ] The applicant
- [ ] Other person

Pre-application Advice

Has assistance or prior advice been sought from the local authority about this application?

- [ ] Yes
- [x] No

Interest In the Land

Interest in the Land

Does the applicant own the land or buildings where the adverts are to be placed?

◯ Yes
⊘ No

If No, has the permission of the owner or any other person entitled to give permission for the display of an advertisement been obtained?

⊘ Yes
◯ No

Authority Employee/Member

With respect to the Authority, is the applicant and/or agent one of the following:
(a) a member of staff
(b) an elected member
(c) related to a member of staff
(d) related to an elected member

It is an important principle of decision-making that the process is open and transparent.

For the purposes of this question, "related to" means related, by birth or otherwise, closely enough that a fair-minded and informed observer, having considered the facts, would conclude that there was bias on the part of the decision-maker in the Local Planning Authority.

Do any of the above statements apply?

◯ Yes
⊘ No

Declaration

I/We hereby apply for Consent to display an advertisement as described in the questions answered, details provided, and the accompanying plans/drawings and additional information.
I/We confirm that, to the best of my/our knowledge, any facts stated are true and accurate and any opinions given are the genuine opinions of the person(s) giving them.
I/We also accept that, in accordance with the Planning Portal's terms and conditions:
- Once submitted, this information will be made available to the Local Planning Authority and, once validated by them, be published as part of a public register and on the authority's website;
- Our system will automatically generate and send you emails in regard to the submission of this application.

☑ I / We agree to the outlined declaration

Signed

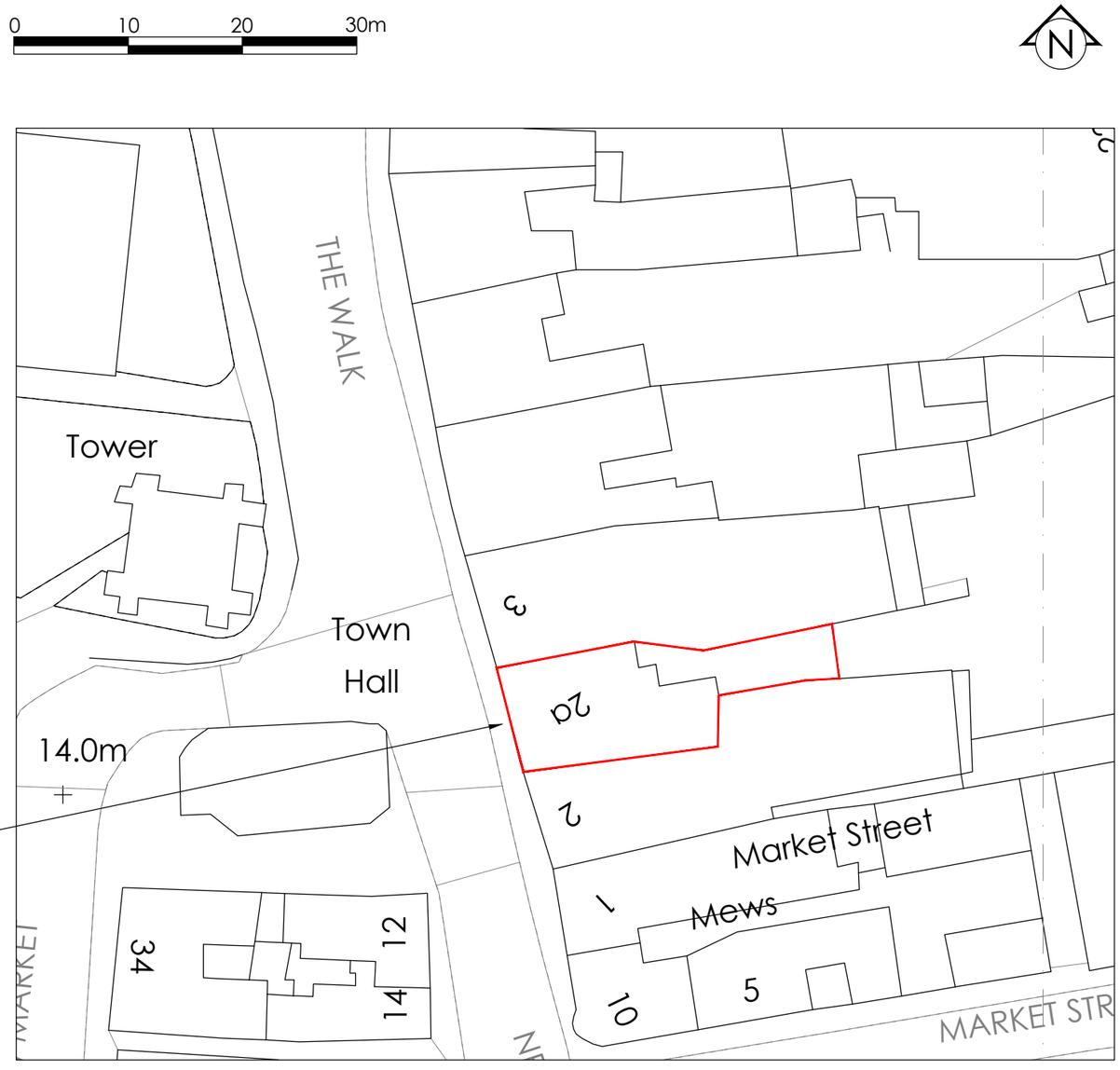
- Fisch Planning

Date

12/10/2026

this drawing remains the property of fisch design limited and duplication of this drawing in whole or any part is strictly forbidden without prior written permission from fisch design ltd

all structural alterations are to be approved by a structural engineer



Proposed replacement signage to the shopfront.

BLOCK PLAN 1:500 @ A3

DWG NO:	**2689-BP**	REVISION:	**-**
CLIENT:	**Specsavers**		
PROJECT:	**2a The Walk, Beccles, NR34 9AJ**		
TITLE:	**Block Plan**		
ORIGIN:	**TG**	CHECKED:	**-**
SCALE:	**1:500@A3**	DATE:	**05.10.26**

fisch
STRUCTURED CREATIVITY
FISCH DESIGN LTD
3 HERITAGE BUSINESS CENTRE
DERBY ROAD, BELPER
DERBYSHIRE, DE56 1SW
+44 (0)1773 828222 / WWW.FISCHDESIGN.CO.UK / MAIL@FISCHDESIGN.CO.UK

this drawing remains the property of fisch design limited and duplication of this drawing in whole or any part is strictly forbidden without prior written permission from fisch design ltd

all structural alterations are to be approved by a structural engineer

Scale - 1:50 @ A1

0 1 2 3 4 5

Second Floor.
FFL 15.69m

First Floor.
FFL 12.99m

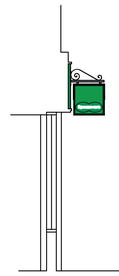
Ground Floor.
FFL 10.00m



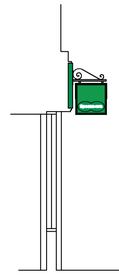
EXISTING FRONT ELEVATION - SCALE 1:50 @ A1



PROPOSED FRONT ELEVATION - SCALE 1:50 @ A1



EXISTING SECTION (SIDE)



PROPOSED SECTION (SIDE)

DWG NO:	**2689-01** REVISION: **-**
CLIENT:	**Specsavers**
PROJECT:	**2a The Walk, Beccles NR34 9AJ**
TITLE:	**Existing & Proposed Front Elevations /Sections**
ORIGIN:	**TG** CHECKED: **EB**
SCALE:	**1:50@A1** DATE: **09.10.26**

fisch STRUCTURED CREATIVITY
FISCH DESIGN LTD
1 HERITAGE BUSINESS CENTRE
DERBY ROAD, BELPER
DERBYSHIRE, DE56 1SW
+44 (0)1773 828222 / WWW.FISCHDESIGN.CO.UK / MAIL@FISCHDESIGN.CO.UK

HERITAGE STATEMENT

Specsavers Opticians, 2a The Walk, Beccles, NR34 9AJ

1.0 INTRODUCTION

1.1 Overview

This statement is in support of the above site for:

Listed Building Consent: Proposed installation of X2 new AC condenser units to rear flat roof area. New shopfront signage. Repairs & redecoration of shopfront.

Advertisement Consent: New shopfront facia signage & hanging sign.

Use: The unit is situated within the high street neighboured by various other retailers. It is currently trading as Specsavers and will continue to do so.

1.2 Planning Statement

The proposed design and location of proposals aim to satisfy Local Planning Policy and the National Planning Policy Framework, in particular Section 16 relating to conserving historic environments

2.0 HERITAGE ASSESSMENT

2.1 Signage Works

The existing timber fascia sign will be replaced with aluminium fascia panels finished matt green.

A new hanging sign will also be installed to the shopfront. This will be mounted to the aluminium fascia panel, and be made up of a folded aluminium panel with moulded edge detail, to a steel hanging bracket to give the whole sign a heritage style and appearance. The hanging sign will be non-illuminated.

2.2 Works to Flat Roof Area

There will be an additional X2 condenser units installed to the rear flat roof area next to the existing X10 units that currently serve the retail unit. The new units will be installed to on a floor mounted unistrut steel frame which will sit on the flat roof structure to prevent any screw or bolt fixings having to be made within the buildings brickwork wall.

Typical AC condenser units, the design and position of the units have been carried out by a specialist. Our client always seeks the advice of independent Air Conditioning specialists, to provide the most efficient AC installation, aiming to use the minimum units possible to comply. The condenser unit will be positioned behind perimeter walls and will not be visible to from the street to either the front, side or rear elevations.

2.3 Shopfront Refurbishment

The existing shopfront window and door frames will also be repaired where deteriorated (timber board and moulding to match the existing design and proportions in all instances) and then redecorated to match RAL 7012 Basalt Grey (as existing.)

2.4 Internal Works

There are some internal works, mainly to the rear of the first floor area, which comprise of removing a section of modern walling and installing some new stud wall partitioning and new fixturing. There will be new floor finishes to these areas and a new suspended ceiling tile layout installed for installation of new lighting and HVAC. Please Note: These internal works are all within the modern rear extension section at the rear of the property, and will not affect the listed elements of the traditional main frontage of the building, which will all be retained as existing. The works proposed are intended to be undertaken as sympathetically as possible replacing like for like, or by enhancing the traditional aesthetic. Contractors will be made aware of the listed status of the building/main building throughout works.

2.5 Analysis of the Buildings Significance

This property carries a grade II listing.
List Entry Number: 1206163 Listed 22-Steptember-1971. Listing NGR: TM 42165 90432

The property is also within the town centre conservation area which comprises one of the main focal point in the area. This property also lies amongst numerous other listed buildings & is grouped with other listed properties (Units 1-8, The Walk) to form an important group opposite St Michael's church & tower, both of which carry a grade I listing.

The description on Historic England reads as such: Early 19th century. Two storeys and attic, one dormer. Slates. Three first floor sash windows, with exposed frames, now with centre glazing bars only, and with flat arches. Suffolk yellow brick. Modern glass bank front, ground floor. Group value.

2.6 Justification for the Proposed Works

The new shopfront signage is important to our client as it will give the new store brand continuity with the Specsavers brand and make the store recognisable to the general public within the high street location. The proposed aluminium fascia panel offers a number of practical and visual benefits over the existing timber construction.

The existing fascia panel is very exposed to the elements, and continues to deteriorate quickly, requiring regular maintenance and replacements. Aluminium provides a durable, weather-resistant and dimensionally stable substrate that is better suited to withstanding external conditions over an extended period. Unlike timber, it is not susceptible to rot, splitting or deterioration associated with moisture ingress to the same extent, thereby reducing recurring maintenance issues and premature failure.

The replacement fascia will provide a more consistent and refined finish, improving the overall presentation of the signage and ensuring that it maintains a clean, crisp and professional appearance. The use of aluminium will also help minimise warping, distortion and unevenness, allowing the fascia to retain its intended form and finish over time.
Importantly, the proposed replacement will address the shortcomings of the existing deteriorating timber panel. By introducing a more robust and reliable fascia system, the proposal will reduce the risk of materials becoming detached and falling onto the public pavement. The new panel will be securely installed using appropriate fixings and a suitable supporting arrangement, providing a safer and more dependable installation.

The aluminium fascia will also provide a more suitable and reliable substrate for the associated hanging sign. Its durable construction will allow the hanging sign to be securely mounted using fixings appropriate to the design and loading requirements of the installation. This will help ensure that the sign remains stable and safely supported throughout its service life, subject to suitable installation and maintenance.

Whilst aluminium offers clear advantages in terms of durability and performance, careful consideration has been given to ensuring that the replacement fascia retains a traditional and sympathetic appearance.

The proposed aluminium panel will have a matt painted finish, avoiding the reflective or overly contemporary appearance that can sometimes be associated with metal signage. The matt finish will provide a subdued, understated appearance, helping the fascia sit comfortably within its surroundings whilst maintaining the crisp lines and quality of finish expected of a well-maintained commercial frontage. The existing perimeter timber mouldings around the fascia panel will also be retained, and the new sign installed within their demise. This will retain the traditional moulded appearance and hide the aluminium edges of the fascia panel.

The proposal is therefore not intended to introduce an unduly prominent or visually intrusive feature. Rather, it represents a considered improvement to the existing signage, replacing a deteriorating material with a more durable alternative whilst retaining an appropriate visual character. The improved finish will also contribute positively to the appearance of the building frontage and the wider street scene by removing the tired and weathered appearance associated with the existing timber panel.

The replacement of the existing timber fascia is justified not only on visual and maintenance grounds, but also by the need to address an identified safety concern. The deterioration of the existing panel and the detachment of sections onto the pavement below create a potential risk to passing pedestrians. The proposed aluminium fascia, installed using an appropriate fixing system, will provide a more robust and reliable alternative, helping to minimise the risk of material failure and falling components. The secure installation of the associated hanging sign will further support the safe operation of the signage.

The proposed AC units are essential to ensure temperature and fresh air flow is maintained within the medical test rooms. Individual units are required for each test room and the customer circulation spaces to ensure the interior temperature is kept constant for the delicate equipment used throughout. This requirement is part of the NHS contract agreement for keeping their store up to the correct standards. The new units are required for some additional units that are required internally.

Our client always seeks the advice of independent Air Conditioning specialists, to provide the most efficient AC installation, aiming to use the minimum units possible to comply. Without the proposed AC and condenser units, Specsavers could not operate from the property and could not provide their eye care and hear care services to the community.

3.0 ASSESSMENT OF IMPACT ON ASSETS

The works to be undertaken will not have a detrimental effect on the character or appearance of the building and surrounding conservation area, due to the works being only minor refurbishment and branding works with no major alterations. The proposed signage is non illuminated heritage style signage, with a matt finish, that is sympathetic to the building's traditional aesthetic, and replicates the existing approved signage scheme and retains its timber detailing to the perimeter.

The proposed condenser units have been carefully positioned to the rear of the property to an existing flat roof area which currently already contains existing condenser units. The condenser units will therefore not be visible from any of the street elevations, and will not be visible when viewing any of the identified listed assets from the front, side and rear elevations.

The proposed works will not harm or damage the listed fabric of the building, and every effort will be made to retain the historic character and appearance of the building. Contractors will be made aware of the listing and the importance of protecting original features and constructions, and will refer to project managers for guidance during their time on site.

The proposals do provide an opportunity to ensure this building does not fall into further risk of neglect, decay or other threats. We believe the proposals will safeguard the future of the buildings by making them a commercially viable retail property within the high street location of Beccles providing much needed medical appointments to the community and generating employment opportunities for the foreseeable future within the area.

4.0 PHOTOS



Photos show the positioning of existing AC condenser units on the flat roof to the rear.



Photo shows the front elevation of the property.

Date printed: 16 October 2026

Neighbour consultations

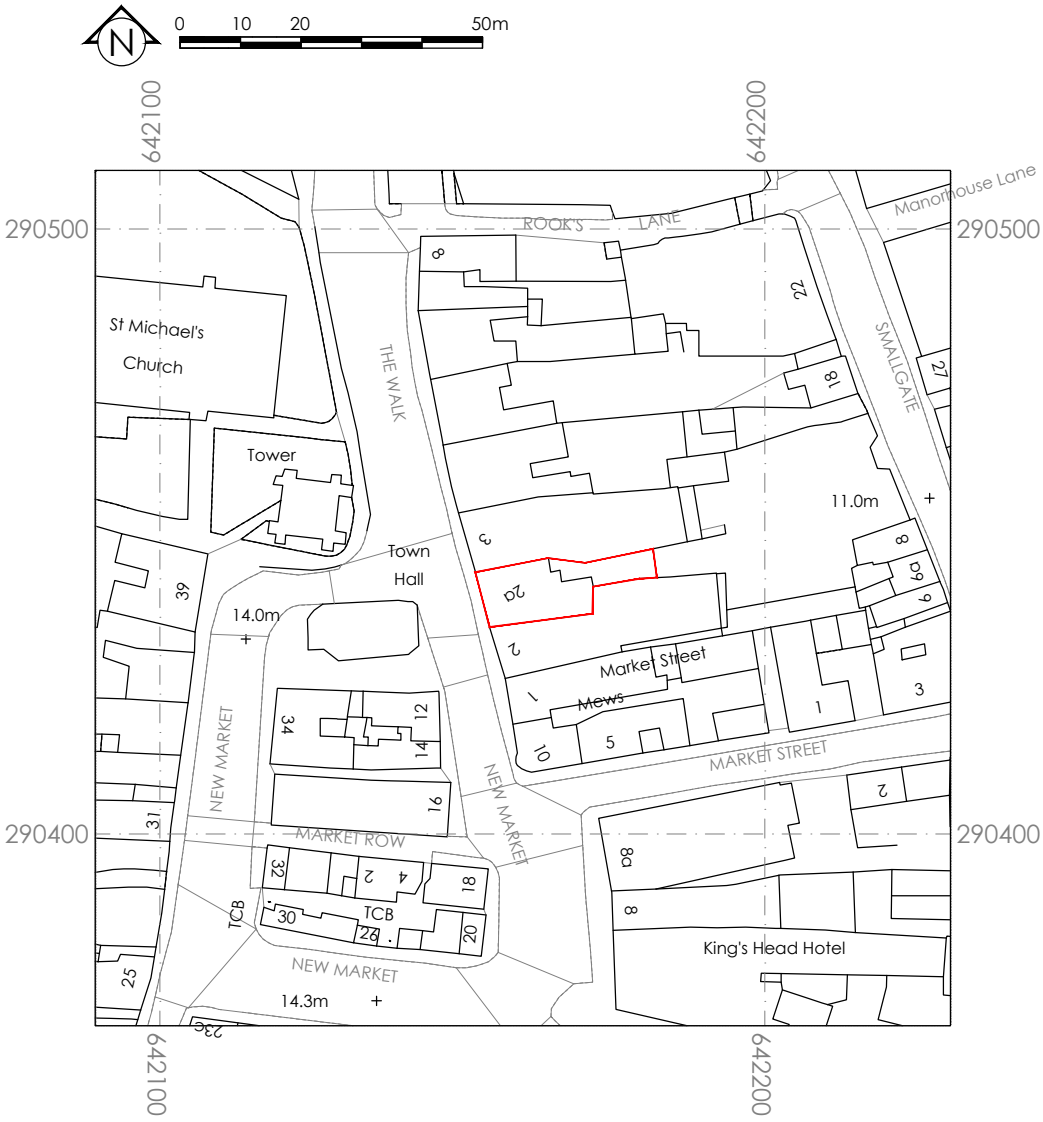
Address	Date consulted
3 The Walk, Beccles, Suffolk	16 October 2026
2 The Walk, Beccles, Suffolk	16 October 2026
8 Smallgate, Beccles, Suffolk	16 October 2026

Further addresses may be added during the planning application process.

Consultees

Consultee	Date consulted
Beccles Town Council	16 October 2026

Further consultees may be added during the planning application process.



LOCATION PLAN 1:1250 @ A4

© Crown Copyright and database rights 2026 OS 100047474.

DWG NO: **2689-LP** REVISION: **-**	TITLE: **Location Plan**	fisch STRUCTURED CREATIVITY	**FISCH DESIGN LTD** 3 HERITAGE BUSINESS CENTRE DERBY ROAD, BELPER DERBYSHIRE, DE56 1SW
CLIENT: **Specsavers**			
PROJECT: **2a The Walk, Beccles, NR34 9AJ**	ORIGIN: **TG** CHECKED:		+44 (0)1773 828222 / WWW.FISCHDESIGN.CO.UK / MAIL@FISCHDESIGN.CO.UK
	SCALE: **1:1250@A4** DATE: **05.10.26**		

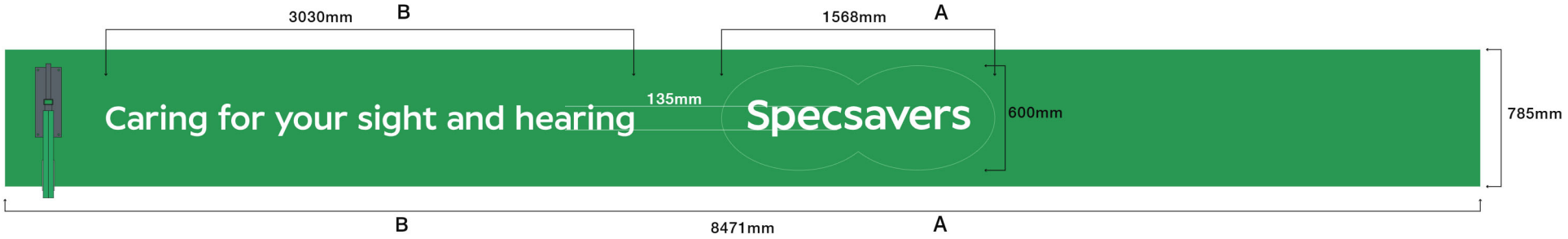
Sign 1 - Non Illuminated Conservation Fascia Sign - Scale 1:25

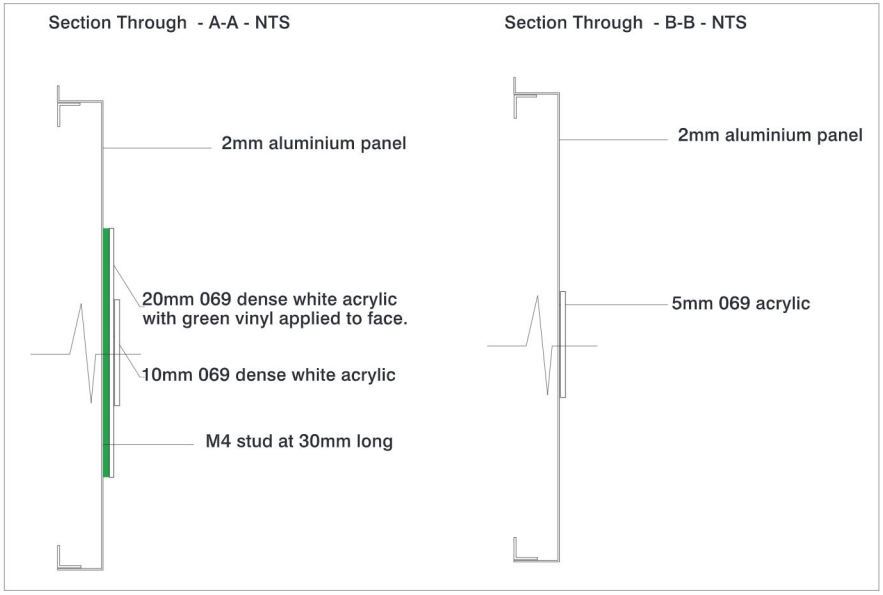
1No. Face panels to be LASER cut 2.5mm Aluminium with 50mm returns.
All panels to be powder coated externally Green PM2418c.
To be fixed using 40x40mm extruded aluminium angle for fixing support.

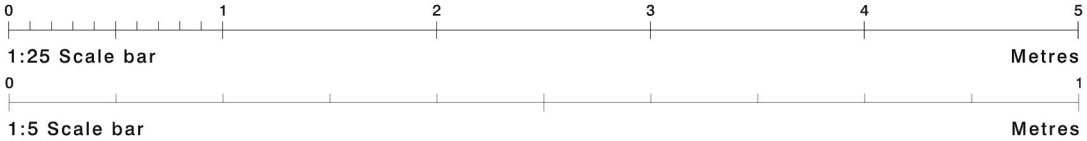
1No. Set of Strapline lettering to be CNC Router cut 5mm Opal 069 Acrylic, secured to aluminium panel.

1No. 'Specsavers' lozenge to be CNC Router cut 20mm 069 acrylic, with green vinyl applied to face.
Complete with set of 10mm 069 dense white acrylic 'specsavers' text mounted to face.
All to be secured to aluminium panel using M4 studs at 30mm O/A length.

Height from ground to underside of sign is: 2539mm approx







Site	Job Number	Page	Scale	Drawn by	Sales Rep
Specsavers Beccles	148198C	4	as shown @ A3	BI	JS
	Drawing Location W:\Sales\Specsavers\		**Issue / Rev** Issue 01	**Checked by** BF	**Date** 29/09/2026

BUTTERFIELD SIGNS LTD
174 Sunbridge Rd
Bradford West Yorkshire
BD1 2RZ
Tel: 01274 722244
Fax: 01274 848996
Web: www.butterfieldsigns.co.uk

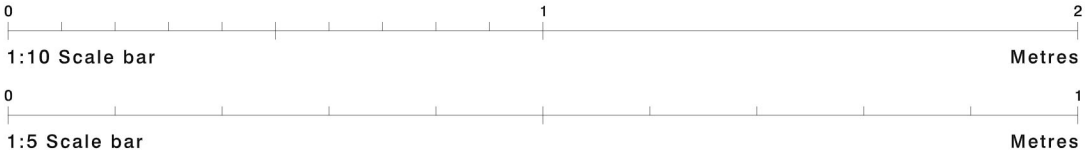
This document is the property of Butterfield Signs Ltd who own the copyright therein. The information in this document is given in confidence and without the written consent of Butterfield Signs Ltd, given by contract or otherwise the document must not be copied, reprinted or reproduced in any material form either wholly or in part nor must the contents of the document or any method of technique available there from be disclosed to any third party.

Sign 02 - Non-Illuminated Conservation Projection Sign

Face panels to be LASER cut 2.5mm aluminium with 25mm returns secured back to back. All panels to be powdercoated externally Green PM2418c. Specsavers lozenge to be router cut 5mm 069 acrylic, with green vinyl applied to face 'Specsavers' text to be weeded out. Panel secured to decorative protective bracket to suit.

Size: 500 x 500mm
Scale: 1:10

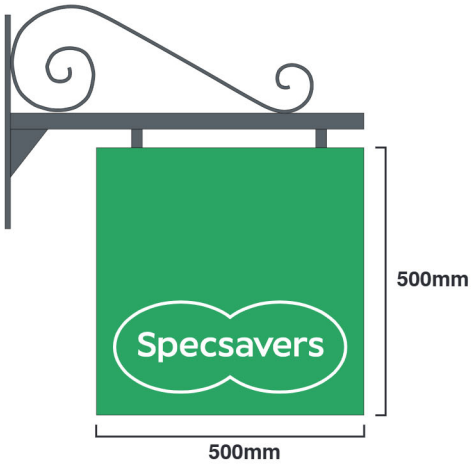
Underside Height is 2555mm approx



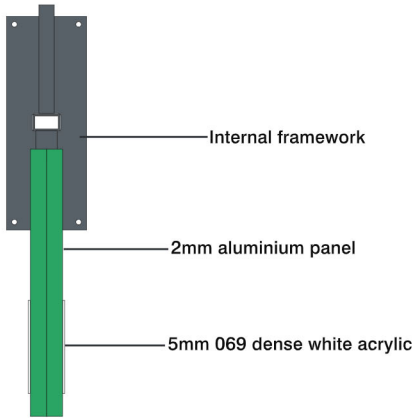
Sign 3 - Manifestation Dots - Scale 1:10

1No. Set plot cut frosted vinyl manifestation dots. Reverse applied to glazing.

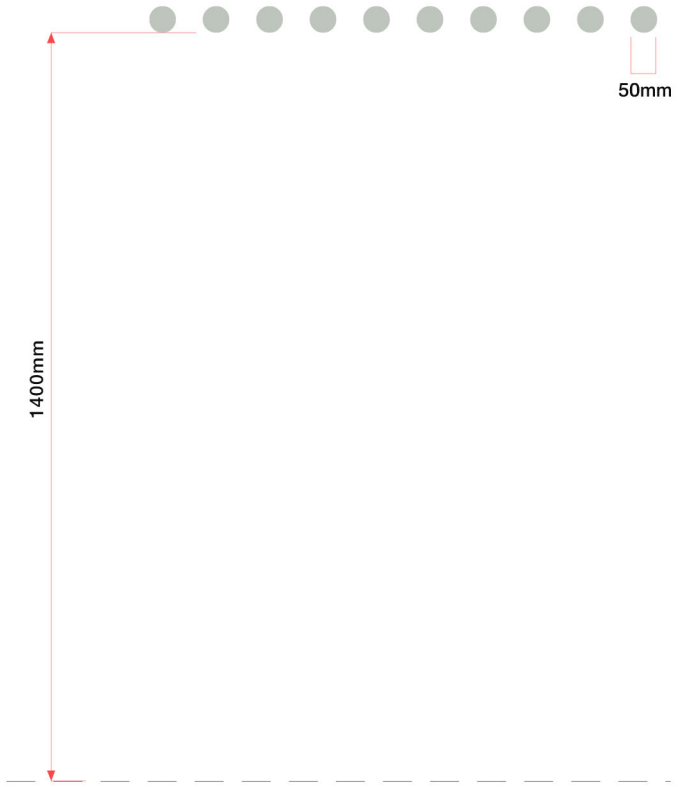
Front View



Side View



Front view



Site Specsavers Beccles	**Job Number** 148198C **Drawing Location** W:\Sales\Specsavers\	**Page** 5	**Scale** as shown @ A3 **Issue / Rev** Issue 01	**Drawn by** BI **Checked by** BF	**Sales Rep** JS **Date** 29/09/2026	**BUTTERFIELD SIGNS LTD** 174 Sunbridge Rd Bradford West Yorkshire BD1 2RZ Tel: 01274 722244 Fax: 01274 848996 Web: www.butterfieldsigns.co.uk

This document is the property of Butterfield Signs Ltd who own the copyright therein. The information in this document is given in confidence and without the written consent of Butterfield Signs Ltd, given by contract or otherwise the document must not be copied, reprinted or reproduced in any material form either wholly or in part nor must the contents of the document or any method of technique available there from be disclosed to any third party.