# Multi model application Air Conditioning Technical Data

# 4MWXM-A9


4MWXM52A2V1B9

EEDEN23

# TABLE OF CONTENTS

# 4MWXM-A9

# 1 Features

## 1 - 1 4MWXM-A9



- Up to 3 indoor units and 1 domestic hot water tank can be connected to 1 multi outdoor unit
- New design outlook for outdoor unit
- 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 3 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 Specifications

| Technical specifications | | | | | 4MWXM52A9 |
|---|---|---|---|---|---|
| Casing | Colour | | | | Ivory white |
| Dimensions | Unit | Height | | mm | 734 |
| | | Width | | mm | 974 |
| | | Depth | | mm | 401 |
| | Packed unit | Height | | mm | 820 |
| | | Width | | mm | 1,050 |
| | | Depth | | mm | 480 |
| Weight | Unit | | | kg | 60 |
| | Packed unit | | | kg | 65 |
| Heat exchanger | Length | | | mm | 920 |
| | Rows | Quantity | | | 2 |
| | Fin pitch | | | mm | 1.40 |
| | Stages | Quantity | | | 32 |
| | Passes | Quantity | | | 6.0 |
| | Tube type | | | | Hi-XA |
| | Tube diameter | | | mm | 8 |
| | Fin | Type | | | WHS8 FIN-HYDROPHILIC |
| | | Treatment | | | Anti-corrosion treatment |
| Fan | Type | | | | Propeller |
| | Air flow rate | Cooling | High | $m^3$/min | 42 |
| | | | | cfm | 1,483 |
| | | | Nom. | $m^3$/min | 42 |
| | | | | cfm | 1,483 |
| | | | Silent operation | $m^3$/min | 24 |
| | | | | cfm | 847 |
| | | Heating | High | $m^3$/min | 41 |
| | | | | cfm | 1,447 |
| | | | Nom. | $m^3$/min | 41 |
| | | | | cfm | 1,447 |
| | | | Silent operation | $m^3$/min | 24 |
| | | | | cfm | 847 |
| Fan motor | Quantity | | | | 1 |
| | Model | | | | D55F-31 |
| | Output | | | W | 55 |
| | Speed | Cooling | High | rpm | 700 |
| | | | Medium | rpm | 700 |
| Fan motor | Speed | Cooling | Super low | rpm | 420 |
| | | Heating | High | rpm | 680 |
| | | | Super low | rpm | 420 |
| | | | Medium | rpm | 680 |
| Compressor | Quantity | | | | 1 |
| | Model | | | | 2Y147BKBX1P#C |
| | Oil Amount | | | $cm^3$ | 650 |
| | Type | | | | Hermetically sealed swing compressor |
| | Output | | | W | 1,300 |
| | Oil Type | | | | FW68DA |
| Operation range | Cooling | Ambient | Min. | °CDB | -10 |
| | | | Max. | °CDB | 46 |
| | Heating | Ambient | Min. | °CDB | -15 |
| | | | Max. | °CDB | 24 |
| Sound power level | Cooling | Max | | dBA | 63 |
| | | Night quiet mode | | dBA | 58 |
| | | Tonal adjustment | | dBA | 0 |
| | Heating | Max | | dBA | 63 |
| | | Nom. | | dBA | 60 |
| | | Night quiet mode | | dBA | 58 |
| | | Tonal adjustment | | dBA | 0 |
| Sound power level - Low sound mode (Stb. 2020, 189) | Cooling | Max. | | dBA | 62 |
| | | Night quiet mode | | dBA | 57 |
| | | Tonal adjustment | | dBA | 0 |
| | Heating | Max. | | dBA | 62 |
| | | Night quiet mode | | dBA | 57 |
| | | Tonal adjustment | | dBA | 0 |
| Sound pressure level | Cooling | Nom. | | dBA | 46 |
| | Heating | Nom. | | dBA | 47 |
| Refrigerant | Type | | | | R-32 |
| | Charge | | | kg | 2.20 |
| | GWP | | | | 675 |

# 2 Specifications

## 2 - 1 Specifications



| Technical specifications | | | | | 4MWXM52A9 |
|---|---|---|---|---|---|
| Piping connections | Liquid | Quantity | | | 4 |
| | | OD | | mm | 6.4 |
| | Gas | Quantity | | | 2 |
| | | OD | | mm | 9.5 |
| | Drain | Quantity | | | 1 |
| Piping connections | Drain | OD | | mm | 16 |
| | Gas 2 | Quantity | | | 2 |
| | | OD | | mm | 12.7 |
| | Piping length | OU - IU | Min. | m | 3 (1) |
| | | | Max. | m | 25 (1) |
| | | System | Chargeless | m | 30 |
| | Additional refrigerant charge | | | kg/m | 0.02 (for piping length exceeding 30m) |
| | Level difference | IU - OU | Max. | m | 15.0 |
| | | IU - IU | | m | 7.5 |
| | Total piping length | System | Actual | m | 50 |
| Capacity control | Method | | | | Variable (inverter) |

Standard accessories: Installation manual;Quantity: 1;

Standard accessories: Screw bag;Quantity: 1;

Standard accessories: Drain plug;Quantity: 1;

Standard accessories: Reducer assembly;Quantity: 1;

Standard accessories: Drain cap (1);Quantity: 6;

Standard accessories: Drain cap (2);Quantity: 3;

| Electrical specifications | | | | 4MWXM52A9 |
|---|---|---|---|---|
| Power supply | 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) | | A | 20 |

(1)For one room |
See separate drawing for operation range |
See separate drawing for electrical data |
Contains fluorinated greenhouse gases

# 3 Electrical data

## 3 - 1 Electrical Data

**4MWXM-A9**



| Outdoor unit | Power supply | | | ·RA· indoor units (·10·% safety factor) See note ·5·. | | ·Other· indoor units (·10·% safety factor) | | Compressor | Outdoor fan motor | |
|---|---|---|---|---|---|---|---|---|---|---|
| Model name | Hz | Voltage | Voltage range | MCA | MFA | MCA | MFA | RLA | kW | FLA |
| 4MWXM52A2V1B<br>4MWXM52A2V1B9 | 50 | 230 | Maximum ·50·Hz ·264·V<br>Minimum ·50·Hz ·198·V | 14,59 | 20 | 16,27 | 20 | 4,7 | 0,056 | 0,37 |

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.
5) Only for wall-mounted ·FVXM· units

Symbols

MCA: Minimum Circuit Ampere [A]
MFA: Maximum Fuse Ampere [A]
RLA: Rated load amps [A]
OFM: Outdoor fan motor
MSC: Maximum starting current
FLA: Full Load Ampere [A]
kW: Fan motor rated output [kW]

**4D139627A**

# 4 Options

## 4 - 1 Options

**4MWXM-A9**



| Option kit | Product name | Availability |
|---|---|---|
| | | 4MWXM52A2V1B<br>4MWXM52A2V1B9 |
| Asymmetric combinations piping reducer | ASYCPIR | ✓ |

**4D139640A**

# 5 Combination table

## 5 - 1 Combination Table

### 4MWXM-A9

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· | Minimum | Nominal | Maximum | Minimum | Nominal | Maximum | Minimum | Nominal | Maximum | |
| 4MWXM52A2V1B<br>4MWXM52A2V1B9 | 1,5 | 2,30 | --- | --- | 1,40 | 2,30 | 3,40 | 0,38 | 0,57 | 1,09 | 1,72 | 2,55 | 4,94 | 96 |
| | 2,0 | 2,70 | --- | --- | 1,40 | 2,70 | 3,80 | 0,38 | 0,76 | 1,27 | 1,72 | 3,40 | 5,75 | 96 |
| | 2,5 | 3,40 | --- | --- | 1,40 | 3,40 | 4,20 | 0,38 | 1,01 | 1,36 | 1,72 | 4,54 | 6,16 | 96 |
| | 3,5 | 4,20 | --- | --- | 1,40 | 4,20 | 4,80 | 0,38 | 1,42 | 1,74 | 1,72 | 6,39 | 7,88 | 96 |
| | 4,2 | 4,80 | --- | --- | 1,40 | 4,80 | 5,60 | 0,38 | 1,62 | 2,03 | 1,72 | 7,32 | 9,18 | 96 |
| | 5,0 | --- | 5,80 | --- | 1,40 | 5,80 | 6,80 | 0,38 | 2,17 | 2,58 | 1,72 | 9,80 | 11,68 | 96 |
| | 6,0 | --- | --- | 6,60 | 1,50 | 6,60 | 7,00 | 0,41 | 1,56 | 2,29 | 1,86 | 7,07 | 10,37 | 96 |
| | 7,1 | --- | --- | 6,80 | 1,80 | 6,80 | 7,20 | 0,41 | 1,56 | 2,37 | 1,86 | 7,07 | 10,73 | 96 |
| | 1.5+1.5 | 1,80 | 1,80 | --- | 1,50 | 3,60 | 5,80 | 0,41 | 0,67 | 1,62 | 1,86 | 3,04 | 7,34 | 96 |
| | 1.5+2.0 | 1,71 | 2,29 | --- | 1,50 | 4,00 | 5,80 | 0,41 | 0,77 | 1,60 | 1,86 | 3,49 | 7,25 | 96 |
| | 1.5+2.5 | 1,69 | 2,81 | --- | 1,50 | 4,50 | 6,90 | 0,41 | 0,91 | 2,06 | 1,86 | 4,13 | 9,33 | 96 |
| | 1.5+3.5 | 1,65 | 3,85 | --- | 1,50 | 5,50 | 7,00 | 0,41 | 1,22 | 2,25 | 1,86 | 5,53 | 10,19 | 96 |
| | 1.5+4.2 | 1,58 | 4,42 | --- | 1,50 | 6,00 | 7,00 | 0,41 | 1,42 | 2,23 | 1,86 | 6,44 | 10,10 | 96 |
| | 1.5+5.0 | 1,57 | 5,23 | --- | 1,60 | 6,80 | 7,20 | 0,41 | 1,58 | 2,30 | 1,86 | 7,16 | 10,42 | 96 |
| | 2.0+2.0 | 3,40 | 3,40 | --- | 1,50 | 6,80 | 7,00 | 0,41 | 1,59 | 2,26 | 1,86 | 7,21 | 10,24 | 96 |
| | 2.0+2.5 | 3,02 | 3,78 | --- | 1,50 | 6,80 | 7,00 | 0,41 | 1,58 | 2,25 | 1,86 | 7,16 | 10,19 | 96 |
| | 2.0+3.5 | 2,47 | 4,33 | --- | 1,50 | 6,80 | 7,10 | 0,41 | 1,57 | 2,26 | 1,86 | 7,12 | 10,24 | 96 |
| | 2.0+4.2 | 2,19 | 4,61 | --- | 1,50 | 6,80 | 7,10 | 0,41 | 1,56 | 2,24 | 1,86 | 7,07 | 10,14 | 96 |
| | 2.0+5.0 | 1,94 | 4,86 | --- | 1,80 | 6,80 | 7,20 | 0,41 | 1,53 | 2,28 | 1,86 | 6,93 | 10,32 | 96 |
| | 2.5+2.5 | 3,40 | 3,40 | --- | 1,50 | 6,80 | 7,00 | 0,41 | 1,53 | 2,23 | 1,86 | 6,93 | 10,10 | 96 |
| | 2.5+3.5 | 2,83 | 3,97 | --- | 1,60 | 6,80 | 7,20 | 0,41 | 1,53 | 2,35 | 1,86 | 6,93 | 10,64 | 96 |
| | 2.5+4.2 | 2,54 | 4,26 | --- | 1,60 | 6,80 | 7,20 | 0,41 | 1,52 | 2,33 | 1,86 | 6,89 | 10,55 | 96 |
| | 2.5+5.0 | 2,27 | 4,53 | --- | 1,80 | 6,80 | 7,40 | 0,41 | 1,50 | 2,33 | 1,86 | 6,80 | 10,52 | 96 |
| | 3.5+3.5 | 3,40 | 3,40 | --- | 1,80 | 6,80 | 7,30 | 0,41 | 1,52 | 2,38 | 1,86 | 6,89 | 10,78 | 96 |
| | 3.5+4.2 | 3,09 | 3,71 | --- | 1,80 | 6,80 | 7,30 | 0,41 | 1,51 | 2,36 | 1,86 | 6,84 | 10,69 | 96 |
| | 3.5+5.0 | 2,80 | 4,00 | --- | 1,8 | 6,80 | 7,50 | 0,41 | 1,50 | 2,30 | 1,86 | 6,80 | 10,42 | 96 |
| | 4.2+4.2 | 3,40 | 3,40 | --- | 1,80 | 6,80 | 7,30 | 0,41 | 1,50 | 2,35 | 1,86 | 6,80 | 10,62 | 96 |
| | 1.5+1.5+1.5 | 2,27 | 2,27 | 2,27 | 1,60 | 6,80 | 8,00 | 0,41 | 1,40 | 2,12 | 1,86 | 6,35 | 9,60 | 96 |
| | 1.5+1.5+2.0 | 2,04 | 2,04 | 2,72 | 1,60 | 6,80 | 8,00 | 0,41 | 1,40 | 2,10 | 1,86 | 6,35 | 9,51 | 96 |
| | 1.5+1.5+2.5 | 1,85 | 1,85 | 3,09 | 1,60 | 6,80 | 8,00 | 0,41 | 1,39 | 2,08 | 1,86 | 6,30 | 9,42 | 96 |
| | 1.5+1.5+3.5 | 1,57 | 1,57 | 3,66 | 1,80 | 6,80 | 8,10 | 0,41 | 1,38 | 2,13 | 1,86 | 6,25 | 9,65 | 96 |
| | 1.5+1.5+4.2 | 1,42 | 1,42 | 3,97 | 1,80 | 6,80 | 8,10 | 0,41 | 1,38 | 2,11 | 1,86 | 6,25 | 9,56 | 96 |
| | 1.5+1.5+5.0 | 1,28 | 1,28 | 4,25 | 2,00 | 6,80 | 8,30 | 0,41 | 1,32 | 2,09 | 1,86 | 5,98 | 9,47 | 96 |
| | 1.5+2.0+2.0 | 1,85 | 2,47 | 2,47 | 1,60 | 6,80 | 8,00 | 0,41 | 1,39 | 2,14 | 1,86 | 6,30 | 9,69 | 96 |
| | 1.5+2.0+2.5 | 1,70 | 2,27 | 2,83 | 1,60 | 6,80 | 8,00 | 0,41 | 1,38 | 2,12 | 1,86 | 6,25 | 9,60 | 96 |
| | 1.5+2.0+3.5 | 1,46 | 1,94 | 3,40 | 1,80 | 6,80 | 8,10 | 0,41 | 1,37 | 2,16 | 1,86 | 6,21 | 9,78 | 96 |
| | 1.5+2.0+4.2 | 1,32 | 1,77 | 3,71 | 1,80 | 6,80 | 8,10 | 0,41 | 1,36 | 2,14 | 1,86 | 6,16 | 9,69 | 96 |
| | 1.5+2.0+5.0 | 1,20 | 1,60 | 4,00 | 2,00 | 6,80 | 8,30 | 0,41 | 1,31 | 2,07 | 1,86 | 5,94 | 9,38 | 96 |
| | 1.5+2.5+2.5 | 1,57 | 2,62 | 2,62 | 1,60 | 6,80 | 8,00 | 0,41 | 1,38 | 2,12 | 1,86 | 6,25 | 9,60 | 96 |
| | 1.5+2.5+3.5 | 1,36 | 2,27 | 3,17 | 1,80 | 6,80 | 8,10 | 0,41 | 1,37 | 2,13 | 1,86 | 6,21 | 9,65 | 96 |
| | 1.5+2.5+4.2 | 1,24 | 2,07 | 3,48 | 1,80 | 6,80 | 8,10 | 0,41 | 1,36 | 2,11 | 1,86 | 6,16 | 9,56 | 96 |
| | 1.5+2.5+5.0 | 1,13 | 1,89 | 3,78 | 2,00 | 6,80 | 8,30 | 0,41 | 1,30 | 2,09 | 1,86 | 5,89 | 9,47 | 96 |
| | 1.5+3.5+3.5 | 1,20 | 2,80 | 2,80 | 1,60 | 6,80 | 8,20 | 0,41 | 1,36 | 2,14 | 1,86 | 6,16 | 9,69 | 96 |
| | 2.0+2.0+2.0 | 2,27 | 2,27 | 2,27 | 1,60 | 6,80 | 8,00 | 0,41 | 1,39 | 2,13 | 1,86 | 6,30 | 9,65 | 96 |
| | 2.0+2.0+2.5 | 2,09 | 2,09 | 2,62 | 1,60 | 6,80 | 8,00 | 0,41 | 1,38 | 2,11 | 1,86 | 6,25 | 9,56 | 96 |
| | 2.0+2.0+3.5 | 1,81 | 1,81 | 3,17 | 1,80 | 6,80 | 8,10 | 0,41 | 1,37 | 2,12 | 1,86 | 6,21 | 9,60 | 96 |
| | 2.0+2.0+4.2 | 1,66 | 1,66 | 3,48 | 1,80 | 6,80 | 8,10 | 0,41 | 1,36 | 2,10 | 1,86 | 6,16 | 9,51 | 96 |
| | 2.0+2.0+5.0 | 1,51 | 1,51 | 3,78 | 2,00 | 6,80 | 8,30 | 0,41 | 1,29 | 2,08 | 1,86 | 5,85 | 9,42 | 96 |
| | 2.0+2.5+2.5 | 1,94 | 2,43 | 2,43 | 1,60 | 6,80 | 8,00 | 0,41 | 1,37 | 2,09 | 1,86 | 6,21 | 9,47 | 96 |
| | 2.0+2.5+3.5 | 1,70 | 2,13 | 2,98 | 1,90 | 6,80 | 8,10 | 0,41 | 1,36 | 2,11 | 1,86 | 6,16 | 9,56 | 96 |
| | 2.0+2.5+4.2 | 1,56 | 1,95 | 3,28 | 1,90 | 6,80 | 8,10 | 0,41 | 1,35 | 2,11 | 1,86 | 6,12 | 9,56 | 96 |
| | 2.0+3.5+3.5 | 1,51 | 2,64 | 2,64 | 1,90 | 6,80 | 8,20 | 0,41 | 1,35 | 2,15 | 1,86 | 6,12 | 9,74 | 96 |
| | 2.5+2.5+2.5 | 2,27 | 2,27 | 2,27 | 1,80 | 6,80 | 8,00 | 0,41 | 1,36 | 2,07 | 1,86 | 6,16 | 9,38 | 96 |
| | 2.5+2.5+3.5 | 2,00 | 2,00 | 2,80 | 1,90 | 6,80 | 8,10 | 0,41 | 1,35 | 2,09 | 1,86 | 6,12 | 9,47 | 96 |

Notes

1) The total capacity of each connected indoor unit is up to ·9.0·kW.
2) The values mentioned in this document 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 ·CTXA-AW, CTXA-BB, CTXA-BS, CTXA-BT, CTXA-CW, CTXA- CS, CTXA-CB, CTXM-R, FTXA-AW, FTXA-BB, FTXA-BS, FTXA-BT, FTXA-CW, FTXA-CS, FTXA-CB, FTXM-R, FTXJ-AB, FTXJ-AS, FTXJ-AW· series

   ·6.0, 7.1· kW class
   Ceiling-mounted ·FBA60A9, FBA71A9· series
3) Heating capacity conditions
   Indoor temperature ·20·°C DB
   Outdoor temperature ·7·°C DB / ·6·°C WB
4) Cooling capacity conditions
   Indoor temperature ·27·°C DB / ·19·°C WB
   Outdoor temperature ·35·°C DB
5) It is not allowed to install one indoor unit connection.
   Exception is one indoor unit connection of ·FBA60· or ·FBA71·.

**4D139744B**

# 5 Combination table

## 5 - 1 Combination Table

### 4MWXM-A9

5

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· | Minimum | Nominal | Maximum | Minimum | Nominal | Maximum | Minimum | Nominal | Maximum | |
| 4MWXM52A2V1B<br>4MWXM52A2V1B9 | 1,5 | 1,50 | --- | --- | 1,80 | 1,50 | 2,40 | 0,43 | 0,36 | 0,63 | 1,95 | 1,62 | 2,86 | 96 |
| | 2,0 | 2,00 | --- | --- | 2,00 | 2,00 | 3,00 | 0,46 | 0,48 | 0,78 | 2,08 | 2,17 | 3,51 | 96 |
| | 2,5 | 2,50 | --- | --- | 2,00 | 2,50 | 3,20 | 0,46 | 0,64 | 0,87 | 2,08 | 2,89 | 3,92 | 96 |
| | 3,5 | 3,50 | --- | --- | 2,00 | 3,50 | 4,20 | 0,47 | 0,98 | 1,30 | 2,13 | 4,43 | 5,88 | 96 |
| | 4,2 | 4,20 | --- | --- | 2,00 | 4,20 | 4,60 | 0,47 | 1,21 | 1,49 | 2,13 | 5,47 | 6,70 | 96 |
| | 5,0 | --- | 5,00 | --- | 2,00 | 5,00 | 5,40 | 0,45 | 1,76 | 2,03 | 2,04 | 7,94 | 9,18 | 96 |
| | 6,0 | --- | --- | 5,10 | 2,10 | 5,10 | 6,00 | 0,45 | 1,11 | 2,15 | 2,04 | 5,03 | 9,74 | 96 |
| | 7,1 | --- | --- | 5,20 | 2,10 | 5,20 | 6,40 | 0,45 | 1,11 | 2,30 | 2,04 | 5,03 | 10,42 | 96 |
| | 1.5+1.5 | 1,50 | 1,50 | --- | 2,10 | 3,00 | 4,70 | 0,45 | 0,55 | 1,32 | 2,04 | 2,50 | 5,98 | 96 |
| | 1.5+2.0 | 1,50 | 2,00 | --- | 2,10 | 3,50 | 4,70 | 0,45 | 0,66 | 1,30 | 2,04 | 2,99 | 5,88 | 96 |
| | 1.5+2.5 | 1,50 | 2,50 | --- | 2,10 | 4,00 | 5,00 | 0,45 | 0,78 | 1,92 | 2,04 | 3,54 | 8,66 | 96 |
| | 1.5+3.5 | 1,50 | 3,50 | --- | 2,10 | 5,00 | 6,00 | 0,45 | 1,06 | 2,17 | 2,04 | 4,81 | 9,80 | 96 |
| | 1.5+4.2 | 1,37 | 3,83 | --- | 2,10 | 5,20 | 6,10 | 0,45 | 1,10 | 2,26 | 2,04 | 4,99 | 10,21 | 96 |
| | 1.5+5.0 | 1,20 | 4,00 | --- | 2,10 | 5,20 | 6,30 | 0,45 | 1,10 | 2,28 | 2,04 | 4,99 | 10,31 | 96 |
| | 2.0+2.0 | 2,00 | 2,00 | --- | 2,10 | 4,00 | 6,00 | 0,45 | 0,85 | 2,25 | 2,04 | 3,85 | 10,16 | 96 |
| | 2.0+2.5 | 2,00 | 2,50 | --- | 2,10 | 4,50 | 6,20 | 0,45 | 0,95 | 2,21 | 2,04 | 4,31 | 9,99 | 96 |
| | 2.0+3.5 | 1,89 | 3,31 | --- | 2,10 | 5,20 | 6,30 | 0,45 | 1,10 | 2,30 | 2,04 | 4,99 | 10,38 | 96 |
| | 2.0+4.2 | 1,68 | 3,52 | --- | 2,10 | 5,20 | 6,30 | 0,45 | 1,09 | 2,25 | 2,04 | 4,94 | 10,18 | 96 |
| | 2.0+5.0 | 1,49 | 3,71 | --- | 2,10 | 5,20 | 6,50 | 0,45 | 1,09 | 2,19 | 2,04 | 4,94 | 9,89 | 96 |
| | 2.5+2.5 | 2,50 | 2,50 | --- | 2,10 | 5,00 | 6,30 | 0,45 | 1,04 | 2,34 | 2,04 | 4,72 | 10,59 | 96 |
| | 2.5+3.5 | 2,17 | 3,03 | --- | 2,10 | 5,20 | 6,30 | 0,45 | 1,09 | 2,28 | 2,04 | 4,94 | 10,31 | 96 |
| | 2.5+4.2 | 1,94 | 3,26 | --- | 2,10 | 5,20 | 6,40 | 0,45 | 1,09 | 2,30 | 2,04 | 4,94 | 10,41 | 96 |
| | 2.5+5.0 | 1,73 | 3,47 | --- | 2,10 | 5,20 | 6,50 | 0,45 | 1,06 | 2,14 | 2,04 | 4,81 | 9,68 | 96 |
| | 3.5+3.5 | 2,60 | 2,60 | --- | 2,10 | 5,20 | 6,40 | 0,45 | 1,08 | 2,28 | 2,04 | 4,90 | 10,31 | 96 |
| | 3.5+4.2 | 2,36 | 2,84 | --- | 2,10 | 5,20 | 6,40 | 0,45 | 1,08 | 2,26 | 2,04 | 4,90 | 10,21 | 96 |
| | 3.5+5.0 | 2,14 | 3,06 | --- | 2,1 | 5,20 | 6,60 | 0,45 | 1,06 | 2,19 | 2,04 | 4,81 | 9,89 | 96 |
| | 4.2+4.2 | 2,60 | 2,60 | --- | 2,10 | 5,20 | 6,50 | 0,45 | 1,07 | 2,24 | 2,04 | 4,85 | 10,11 | 96 |
| | 1.5+1.5+1.5 | 1,50 | 1,50 | 1,50 | 2,30 | 4,50 | 6,70 | 0,47 | 0,90 | 2,28 | 2,13 | 4,08 | 10,30 | 96 |
| | 1.5+1.5+2.0 | 1,50 | 1,50 | 2,00 | 2,30 | 5,00 | 6,70 | 0,47 | 1,06 | 2,26 | 2,13 | 4,81 | 10,20 | 96 |
| | 1.5+1.5+2.5 | 1,42 | 1,42 | 2,36 | 2,30 | 5,20 | 6,70 | 0,47 | 1,09 | 2,23 | 2,13 | 4,94 | 10,10 | 96 |
| | 1.5+1.5+3.5 | 1,20 | 1,20 | 2,80 | 2,40 | 5,20 | 6,80 | 0,47 | 1,09 | 2,28 | 2,13 | 4,94 | 10,30 | 96 |
| | 1.5+1.5+4.2 | 1,08 | 1,08 | 3,03 | 2,40 | 5,20 | 6,80 | 0,47 | 1,08 | 2,26 | 2,13 | 4,90 | 10,20 | 96 |
| | 1.5+1.5+5.0 | 0,98 | 0,98 | 3,25 | 2,50 | 5,20 | 7,10 | 0,45 | 1,05 | 2,17 | 2,04 | 4,76 | 9,80 | 96 |
| | 1.5+2.0+2.0 | 1,42 | 1,89 | 1,89 | 2,30 | 5,20 | 6,70 | 0,47 | 1,10 | 2,21 | 2,13 | 4,99 | 10,00 | 96 |
| | 1.5+2.0+2.5 | 1,30 | 1,73 | 2,17 | 2,30 | 5,20 | 6,70 | 0,47 | 1,09 | 2,19 | 2,13 | 4,94 | 9,90 | 96 |
| | 1.5+2.0+3.5 | 1,11 | 1,49 | 2,60 | 2,40 | 5,20 | 6,80 | 0,47 | 1,08 | 2,23 | 2,13 | 4,90 | 10,10 | 96 |
| | 1.5+2.0+4.2 | 1,01 | 1,35 | 2,84 | 2,40 | 5,20 | 6,80 | 0,47 | 1,08 | 2,19 | 2,13 | 4,90 | 9,90 | 96 |
| | 1.5+2.0+5.0 | 0,92 | 1,22 | 3,06 | 2,50 | 5,20 | 7,20 | 0,45 | 1,04 | 2,15 | 2,04 | 4,72 | 9,70 | 96 |
| | 1.5+2.5+2.5 | 1,20 | 2,00 | 2,00 | 2,30 | 5,20 | 6,70 | 0,47 | 1,09 | 2,17 | 2,13 | 4,94 | 9,80 | 96 |
| | 1.5+2.5+3.5 | 1,04 | 1,73 | 2,43 | 2,40 | 5,20 | 6,80 | 0,47 | 1,08 | 2,21 | 2,13 | 4,90 | 10,00 | 96 |
| | 1.5+2.5+4.2 | 0,95 | 1,59 | 2,66 | 2,40 | 5,20 | 6,80 | 0,47 | 1,07 | 2,19 | 2,13 | 4,85 | 9,90 | 96 |
| | 1.5+2.5+5.0 | 0,87 | 1,44 | 2,89 | 2,50 | 5,20 | 7,30 | 0,45 | 1,04 | 2,17 | 2,04 | 4,72 | 9,80 | 96 |
| | 1.5+3.5+3.5 | 0,92 | 2,14 | 2,14 | 2,30 | 5,20 | 7,30 | 0,47 | 1,07 | 2,15 | 2,13 | 4,85 | 9,70 | 96 |
| | 2.0+2.0+2.0 | 1,73 | 1,73 | 1,73 | 2,30 | 5,20 | 7,00 | 0,47 | 1,07 | 2,22 | 2,13 | 4,85 | 10,05 | 96 |
| | 2.0+2.0+2.5 | 1,60 | 1,60 | 2,00 | 2,30 | 5,20 | 7,00 | 0,47 | 1,06 | 2,21 | 2,13 | 4,81 | 10,00 | 96 |
| | 2.0+2.0+3.5 | 1,39 | 1,39 | 2,43 | 2,40 | 5,20 | 7,20 | 0,50 | 1,05 | 2,17 | 2,26 | 4,76 | 9,80 | 96 |
| | 2.0+2.0+4.2 | 1,27 | 1,27 | 2,66 | 2,40 | 5,20 | 7,20 | 0,50 | 1,04 | 2,15 | 2,26 | 4,72 | 9,70 | 96 |
| | 2.0+2.0+5.0 | 1,16 | 1,16 | 2,89 | 2,50 | 5,20 | 7,30 | 0,47 | 1,03 | 2,19 | 2,13 | 4,67 | 9,91 | 96 |
| | 2.0+2.5+2.5 | 1,49 | 1,86 | 1,86 | 2,30 | 5,20 | 7,10 | 0,50 | 1,05 | 2,12 | 2,26 | 4,76 | 9,60 | 96 |
| | 2.0+2.5+3.5 | 1,30 | 1,63 | 2,28 | 2,40 | 5,20 | 7,20 | 0,50 | 1,04 | 2,15 | 2,26 | 4,72 | 9,70 | 96 |
| | 2.0+2.5+4.2 | 1,20 | 1,49 | 2,51 | 2,40 | 5,20 | 7,20 | 0,50 | 1,04 | 2,14 | 2,26 | 4,72 | 9,65 | 96 |
| | 2.0+3.5+3.5 | 1,16 | 2,02 | 2,02 | 2,40 | 5,20 | 7,30 | 0,50 | 1,04 | 2,15 | 2,26 | 4,72 | 9,70 | 96 |
| | 2.5+2.5+2.5 | 1,73 | 1,73 | 1,73 | 2,40 | 5,20 | 7,10 | 0,50 | 1,04 | 2,19 | 2,26 | 4,72 | 9,90 | 96 |
| | 2.5+2.5+3.5 | 1,53 | 1,53 | 2,14 | 2,40 | 5,20 | 7,20 | 0,50 | 1,04 | 2,16 | 2,26 | 4,72 | 9,75 | 96 |

Notes

1) The total capacity of each connected indoor unit is up to ·9.0·kW.
2) The values mentioned in this document 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 ·CTXA-AW, CTXA-BB, CTXA-BS, CTXA-BT, CTXA-CW, CTXA- CS, CTXA-CB, CTXM-R, FTXA-AW, FTXA-BB, FTXA-BS, FTXA-BT, FTXA-CW, FTXA-CS, FTXA-CB, FTXM-R, FTXJ-AB, FTXJ-AS, FTXJ-AW· series
·6.0, 7.1· kW class
Ceiling-mounted ·FBA60A9, FBA71A9· series

3) Heating capacity conditions
Indoor temperature ·20·°C DB
Outdoor temperature ·7·°C DB / ·6·°C WB
4) Cooling capacity conditions
Indoor temperature ·27·°C DB / ·19·°C WB
Outdoor temperature ·35·°C DB
5) It is not allowed to install one indoor unit connection.
Exception is one indoor unit connection of ·FBA60· or ·FBA71·.

**4D139746B**

# 6 Capacity tables

## 6 - 1 Cooling Capacity Tables

**4MWXM-A9** 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 | 2.19 | 0.44 | 2.55 | 0.51 | 2.68 | 0.52 | 2.74 | 0.53 | 2.94 | 0.55 | 3.07 | 0.56 |
| | 25.0 | 2.19 | 0.48 | 2.47 | 0.53 | 2.60 | 0.54 | 2.66 | 0.55 | 2.86 | 0.57 | 2.99 | 0.58 |
| | 32.0 | 2.15 | 0.58 | 2.28 | 0.59 | 2.41 | 0.60 | 2.48 | 0.61 | 2.68 | 0.62 | 2.81 | 0.63 |
| | 35.0 | 2.07 | 0.60 | 2.20 | 0.61 | 2.33 | 0.62 | 2.40 | 0.63 | 2.60 | 0.65 | 2.73 | 0.66 |
| | 40.0 | 1.94 | 0.65 | 2.07 | 0.66 | 2.20 | 0.67 | 2.27 | 0.68 | 2.46 | 0.69 | 2.59 | 0.71 |
| | 43.0 | 1.86 | 0.68 | 1.99 | 0.69 | 2.12 | 0.70 | 2.19 | 0.71 | 2.38 | 0.72 | 2.52 | 0.73 |
| | 46.0 | 1.78 | 0.71 | 1.91 | 0.72 | 2.04 | 0.73 | 2.11 | 0.74 | 2.31 | 0.75 | 2.44 | 0.76 |
| 2.0 | 22.0 | 2.79 | 0.59 | 3.15 | 0.66 | 3.28 | 0.67 | 3.34 | 0.68 | 3.54 | 0.70 | 3.67 | 0.71 |
| | 25.0 | 2.79 | 0.63 | 3.07 | 0.68 | 3.20 | 0.69 | 3.26 | 0.70 | 3.46 | 0.72 | 3.59 | 0.73 |
| | 32.0 | 2.75 | 0.73 | 2.88 | 0.74 | 3.01 | 0.75 | 3.08 | 0.76 | 3.28 | 0.77 | 3.41 | 0.78 |
| | 35.0 | 2.67 | 0.75 | 2.80 | 0.76 | 2.93 | 0.77 | 3.00 | 0.78 | 3.20 | 0.80 | 3.33 | 0.81 |
| | 40.0 | 2.54 | 0.80 | 2.67 | 0.81 | 2.80 | 0.82 | 2.87 | 0.83 | 3.06 | 0.84 | 3.19 | 0.86 |
| | 43.0 | 2.46 | 0.83 | 2.59 | 0.84 | 2.72 | 0.85 | 2.79 | 0.86 | 2.98 | 0.87 | 3.12 | 0.88 |
| | 46.0 | 2.38 | 0.86 | 2.51 | 0.87 | 2.64 | 0.88 | 2.71 | 0.89 | 2.91 | 0.90 | 3.04 | 0.91 |
| 2.5 | 22.0 | 2.99 | 0.68 | 3.35 | 0.75 | 3.48 | 0.76 | 3.54 | 0.77 | 3.74 | 0.79 | 3.87 | 0.80 |
| | 25.0 | 2.99 | 0.72 | 3.27 | 0.77 | 3.40 | 0.78 | 3.46 | 0.79 | 3.66 | 0.81 | 3.79 | 0.82 |
| | 32.0 | 2.95 | 0.82 | 3.08 | 0.83 | 3.21 | 0.84 | 3.28 | 0.85 | 3.48 | 0.86 | 3.61 | 0.87 |
| | 35.0 | 2.87 | 0.84 | 3.00 | 0.85 | 3.13 | 0.86 | 3.20 | 0.87 | 3.40 | 0.89 | 3.53 | 0.90 |
| | 40.0 | 2.74 | 0.89 | 2.87 | 0.90 | 3.00 | 0.91 | 3.07 | 0.92 | 3.26 | 0.93 | 3.39 | 0.95 |
| | 43.0 | 2.66 | 0.92 | 2.79 | 0.93 | 2.92 | 0.94 | 2.99 | 0.95 | 3.18 | 0.96 | 3.32 | 0.97 |
| | 46.0 | 2.58 | 0.95 | 2.71 | 0.96 | 2.84 | 0.97 | 2.91 | 0.98 | 3.11 | 0.99 | 3.24 | 1.00 |
| 3.5 | 22.0 | 3.02 | 0.68 | 3.70 | 0.85 | 4.44 | 1.05 | 4.71 | 1.12 | 4.99 | 1.15 | 5.19 | 1.17 |
| | 25.0 | 3.02 | 0.73 | 3.70 | 0.91 | 4.44 | 1.13 | 4.59 | 1.16 | 4.88 | 1.19 | 5.07 | 1.21 |
| | 32.0 | 3.02 | 0.86 | 3.70 | 1.08 | 4.22 | 1.25 | 4.32 | 1.26 | 4.61 | 1.29 | 4.80 | 1.31 |
| | 35.0 | 3.02 | 0.92 | 3.70 | 1.17 | 4.10 | 1.29 | 4.20 | 1.30 | 4.49 | 1.33 | 4.68 | 1.35 |
| | 40.0 | 3.02 | 1.05 | 3.70 | 1.34 | 3.91 | 1.37 | 4.01 | 1.38 | 4.29 | 1.41 | 4.49 | 1.43 |
| | 43.0 | 3.02 | 1.15 | 3.70 | 1.40 | 3.79 | 1.42 | 3.89 | 1.43 | 4.18 | 1.46 | 4.37 | 1.48 |
| | 46.0 | 3.02 | 1.25 | 3.48 | 1.45 | 3.68 | 1.47 | 3.77 | 1.48 | 4.06 | 1.51 | 4.25 | 1.53 |
| 4.2 | 22.0 | 3.42 | 0.87 | 4.10 | 1.04 | 4.84 | 1.24 | 5.11 | 1.31 | 5.39 | 1.34 | 5.59 | 1.36 |
| | 25.0 | 3.42 | 0.92 | 4.10 | 1.10 | 4.84 | 1.32 | 4.99 | 1.35 | 5.28 | 1.38 | 5.47 | 1.40 |
| | 32.0 | 3.42 | 1.05 | 4.10 | 1.27 | 4.62 | 1.44 | 4.72 | 1.45 | 5.01 | 1.48 | 5.20 | 1.50 |
| | 35.0 | 3.42 | 1.11 | 4.10 | 1.36 | 4.50 | 1.48 | 4.60 | 1.49 | 4.89 | 1.52 | 5.08 | 1.54 |
| | 40.0 | 3.42 | 1.24 | 4.10 | 1.53 | 4.31 | 1.56 | 4.41 | 1.57 | 4.69 | 1.60 | 4.89 | 1.62 |
| | 43.0 | 3.42 | 1.34 | 4.10 | 1.59 | 4.19 | 1.61 | 4.29 | 1.62 | 4.58 | 1.65 | 4.77 | 1.67 |
| | 46.0 | 3.42 | 1.44 | 3.88 | 1.64 | 4.08 | 1.66 | 4.17 | 1.67 | 4.46 | 1.70 | 4.65 | 1.72 |
| 5.0 | 22.0 | 3.68 | 0.92 | 4.52 | 1.18 | 5.43 | 1.49 | 5.90 | 1.68 | 6.43 | 1.80 | 6.68 | 1.83 |
| | 25.0 | 3.68 | 0.98 | 4.52 | 1.27 | 5.43 | 1.61 | 5.90 | 1.81 | 6.28 | 1.86 | 6.52 | 1.89 |
| | 32.0 | 3.68 | 1.17 | 4.52 | 1.51 | 5.43 | 1.95 | 5.55 | 1.96 | 5.92 | 2.01 | 6.17 | 2.04 |
| | 35.0 | 3.68 | 1.26 | 4.52 | 1.64 | 5.28 | 2.02 | 5.40 | 2.03 | 5.77 | 2.08 | 6.02 | 2.11 |
| | 40.0 | 3.68 | 1.45 | 4.52 | 1.91 | 5.02 | 2.14 | 5.15 | 2.16 | 5.52 | 2.21 | 5.77 | 2.24 |
| | 43.0 | 3.68 | 1.58 | 4.52 | 2.10 | 4.87 | 2.22 | 5.00 | 2.24 | 5.37 | 2.28 | 5.62 | 2.32 |
| | 46.0 | 3.68 | 1.74 | 4.33 | 2.07 | 4.53 | 2.07 | 4.63 | 2.07 | 4.93 | 2.07 | 5.12 | 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 |
| 1.5+1.5 | 22.0 | 4.00 | 0.68 | 5.01 | 1.01 | 5.28 | 1.04 | 5.42 | 1.06 | 5.83 | 1.10 | 6.11 | 1.13 |
| | 25.0 | 4.00 | 0.78 | 4.84 | 1.07 | 5.12 | 1.10 | 5.26 | 1.11 | 5.67 | 1.16 | 5.94 | 1.19 |
| | 32.0 | 4.00 | 1.08 | 4.45 | 1.21 | 4.73 | 1.24 | 4.87 | 1.26 | 5.28 | 1.30 | 5.55 | 1.33 |
| | 35.0 | 4.00 | 1.24 | 4.29 | 1.28 | 4.56 | 1.31 | 4.70 | 1.32 | 5.11 | 1.37 | 5.39 | 1.40 |
| | 40.0 | 3.74 | 1.36 | 4.01 | 1.39 | 4.29 | 1.42 | 4.42 | 1.44 | 4.83 | 1.49 | 5.11 | 1.52 |
| | 43.0 | 3.57 | 1.44 | 3.84 | 1.47 | 4.12 | 1.50 | 4.26 | 1.51 | 4.67 | 1.56 | 4.94 | 1.59 |
| | 46.0 | 3.37 | 1.48 | 3.60 | 1.48 | 3.84 | 1.48 | 3.95 | 1.48 | 4.29 | 1.48 | 4.50 | 1.48 |
| 1.5+2.0 | 22.0 | 4.00 | 0.66 | 5.01 | 0.99 | 5.28 | 1.02 | 5.42 | 1.04 | 5.83 | 1.08 | 6.11 | 1.11 |
| | 25.0 | 4.00 | 0.76 | 4.84 | 1.05 | 5.12 | 1.08 | 5.26 | 1.09 | 5.67 | 1.14 | 5.94 | 1.17 |
| | 32.0 | 4.00 | 1.06 | 4.45 | 1.19 | 4.73 | 1.22 | 4.87 | 1.24 | 5.28 | 1.28 | 5.55 | 1.31 |
| | 35.0 | 4.00 | 1.22 | 4.29 | 1.26 | 4.56 | 1.29 | 4.70 | 1.30 | 5.11 | 1.35 | 5.39 | 1.38 |
| | 40.0 | 3.74 | 1.34 | 4.01 | 1.37 | 4.29 | 1.40 | 4.42 | 1.42 | 4.83 | 1.47 | 5.11 | 1.50 |
| | 43.0 | 3.57 | 1.42 | 3.84 | 1.45 | 4.12 | 1.48 | 4.26 | 1.49 | 4.67 | 1.54 | 4.94 | 1.57 |
| | 46.0 | 3.37 | 1.46 | 3.60 | 1.46 | 3.84 | 1.46 | 3.95 | 1.46 | 4.29 | 1.46 | 4.50 | 1.46 |
| 1.5+2.5 | 22.0 | 4.30 | 1.28 | 5.31 | 1.61 | 5.58 | 1.64 | 5.72 | 1.66 | 6.13 | 1.70 | 6.41 | 1.73 |
| | 25.0 | 4.30 | 1.38 | 5.14 | 1.67 | 5.42 | 1.70 | 5.56 | 1.71 | 5.97 | 1.76 | 6.24 | 1.79 |
| | 32.0 | 4.30 | 1.68 | 4.75 | 1.81 | 5.03 | 1.84 | 5.17 | 1.86 | 5.58 | 1.90 | 5.85 | 1.93 |
| | 35.0 | 4.30 | 1.84 | 4.59 | 1.88 | 4.86 | 1.91 | 5.00 | 1.92 | 5.41 | 1.97 | 5.69 | 2.00 |
| | 40.0 | 4.04 | 1.96 | 4.31 | 1.99 | 4.59 | 2.02 | 4.72 | 2.04 | 5.13 | 2.09 | 5.41 | 2.12 |
| | 43.0 | 3.87 | 2.04 | 4.14 | 2.07 | 4.42 | 2.10 | 4.56 | 2.11 | 4.97 | 2.16 | 5.24 | 2.19 |
| | 46.0 | 3.67 | 2.08 | 3.90 | 2.08 | 4.14 | 2.08 | 4.25 | 2.08 | 4.59 | 2.08 | 4.80 | 2.08 |
| 1.5+3.5 | 22.0 | 5.39 | 1.52 | 6.32 | 1.83 | 6.61 | 1.87 | 6.76 | 1.88 | 7.19 | 1.93 | 7.47 | 1.97 |
| | 25.0 | 5.39 | 1.64 | 6.15 | 1.90 | 6.44 | 1.93 | 6.58 | 1.95 | 7.01 | 1.99 | 7.30 | 2.03 |
| | 32.0 | 5.39 | 1.98 | 5.74 | 2.05 | 6.03 | 2.08 | 6.17 | 2.10 | 6.61 | 2.15 | 6.89 | 2.18 |
| | 35.0 | 5.28 | 2.09 | 5.57 | 2.12 | 5.86 | 2.16 | 6.00 | 2.17 | 6.43 | 2.22 | 6.72 | 2.25 |
| | 40.0 | 4.99 | 2.22 | 5.28 | 2.25 | 5.57 | 2.28 | 5.71 | 2.30 | 6.14 | 2.35 | 6.43 | 2.38 |
| | 43.0 | 4.82 | 2.30 | 5.10 | 2.33 | 5.39 | 2.36 | 5.54 | 2.38 | 5.97 | 2.43 | 6.25 | 2.46 |
| | 46.0 | 4.45 | 2.17 | 4.68 | 2.17 | 4.91 | 2.17 | 5.03 | 2.17 | 5.36 | 2.17 | 5.57 | 2.17 |
| 1.5+4.2 | 22.0 | 5.49 | 1.61 | 6.42 | 1.92 | 6.71 | 1.96 | 6.86 | 1.97 | 7.29 | 2.02 | 7.57 | 2.06 |
| | 25.0 | 5.49 | 1.73 | 6.25 | 1.99 | 6.54 | 2.02 | 6.68 | 2.04 | 7.11 | 2.08 | 7.40 | 2.12 |
| | 32.0 | 5.49 | 2.07 | 5.84 | 2.14 | 6.13 | 2.17 | 6.27 | 2.19 | 6.71 | 2.24 | 6.99 | 2.27 |
| | 35.0 | 5.38 | 2.18 | 5.67 | 2.21 | 5.96 | 2.25 | 6.10 | 2.26 | 6.53 | 2.31 | 6.82 | 2.34 |
| | 40.0 | 5.09 | 2.31 | 5.38 | 2.34 | 5.67 | 2.37 | 5.81 | 2.39 | 6.24 | 2.44 | 6.53 | 2.47 |
| | 43.0 | 4.92 | 2.39 | 5.20 | 2.42 | 5.49 | 2.45 | 5.64 | 2.47 | 6.07 | 2.52 | 6.35 | 2.55 |
| | 46.0 | 4.55 | 2.26 | 4.78 | 2.26 | 5.01 | 2.26 | 5.13 | 2.26 | 5.46 | 2.26 | 5.67 | 2.26 |
| 1.5+5.0 | 22.0 | 6.14 | 1.81 | 6.64 | 1.93 | 6.93 | 1.97 | 7.08 | 1.98 | 7.53 | 2.03 | 7.83 | 2.07 |
| | 25.0 | 6.14 | 1.95 | 6.46 | 1.99 | 6.75 | 2.03 | 6.90 | 2.05 | 7.35 | 2.10 | 7.65 | 2.13 |
| | 32.0 | 5.74 | 2.12 | 6.03 | 2.16 | 6.33 | 2.19 | 6.48 | 2.21 | 6.93 | 2.26 | 7.23 | 2.29 |
| | 35.0 | 5.55 | 2.20 | 5.85 | 2.23 | 6.15 | 2.27 | 6.30 | 2.28 | 6.75 | 2.33 | 7.05 | 2.37 |
| | 40.0 | 5.25 | 2.33 | 5.55 | 2.36 | 5.85 | 2.40 | 6.00 | 2.41 | 6.45 | 2.47 | 6.74 | 2.50 |
| | 43.0 | 5.07 | 2.41 | 5.37 | 2.45 | 5.67 | 2.48 | 5.82 | 2.50 | 6.27 | 2.55 | 6.56 | 2.58 |
| | 46.0 | 4.62 | 2.20 | 4.86 | 2.20 | 5.09 | 2.20 | 5.20 | 2.20 | 5.53 | 2.20 | 5.75 | 2.20 |

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5·m
   Level difference: ·0·m
2. The bold cells indicate the standard conditios.
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-mountend ·CTXM-M, FTXM-M· series
4. Editable data for this drawing are available in ·GDE· system.

Symbols

TC: Total capacity [kW]
PI: Power input [kW]
① Indoor unit combinations
② Outdoor air temperature [° C DB]

**3D105326**

**4MWXM-A9** 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 | 22.0 | 5.30 | 1.61 | 6.31 | 1.94 | 6.58 | 1.97 | 6.72 | 1.99 | 7.13 | 2.03 | 7.41 | 2.06 |
| | 25.0 | 5.30 | 1.71 | 6.14 | 2.00 | 6.42 | 2.03 | 6.56 | 2.04 | 6.97 | 2.09 | 7.24 | 2.12 |
| | 32.0 | 5.30 | 2.01 | 5.75 | 2.14 | 6.03 | 2.17 | 6.17 | 2.19 | 6.58 | 2.23 | 6.85 | 2.26 |
| | 35.0 | 5.30 | 2.17 | 5.59 | 2.21 | 5.86 | 2.24 | 6.00 | 2.25 | 6.41 | 2.30 | 6.69 | 2.33 |
| | 40.0 | 5.04 | 2.29 | 5.31 | 2.32 | 5.59 | 2.35 | 5.72 | 2.37 | 6.13 | 2.42 | 6.41 | 2.45 |
| | 43.0 | 4.87 | 2.37 | 5.14 | 2.40 | 5.42 | 2.43 | 5.56 | 2.44 | 5.97 | 2.49 | 6.24 | 2.52 |
| | 46.0 | 4.67 | 2.41 | 4.90 | 2.41 | 5.14 | 2.41 | 5.25 | 2.41 | 5.59 | 2.41 | 5.80 | 2.41 |
| 2.0+2.5 | 22.0 | 5.50 | 1.57 | 6.51 | 1.90 | 6.78 | 1.93 | 6.92 | 1.95 | 7.33 | 1.99 | 7.61 | 2.02 |
| | 25.0 | 5.50 | 1.67 | 6.34 | 1.96 | 6.62 | 1.99 | 6.76 | 2.00 | 7.17 | 2.05 | 7.44 | 2.08 |
| | 32.0 | 5.50 | 1.97 | 5.95 | 2.10 | 6.23 | 2.13 | 6.37 | 2.15 | 6.78 | 2.19 | 7.05 | 2.22 |
| | 35.0 | 5.50 | 2.13 | 5.79 | 2.17 | 6.06 | 2.20 | 6.20 | 2.21 | 6.61 | 2.26 | 6.89 | 2.29 |
| | 40.0 | 5.24 | 2.25 | 5.51 | 2.28 | 5.79 | 2.31 | 5.92 | 2.33 | 6.33 | 2.38 | 6.61 | 2.41 |
| | 43.0 | 5.07 | 2.33 | 5.34 | 2.36 | 5.62 | 2.39 | 5.76 | 2.40 | 6.17 | 2.45 | 6.44 | 2.48 |
| | 46.0 | 4.87 | 2.37 | 5.10 | 2.37 | 5.34 | 2.37 | 5.45 | 2.37 | 5.79 | 2.37 | 6.00 | 2.37 |
| 2.0+3.5 | 22.0 | 5.69 | 1.65 | 6.62 | 1.96 | 6.91 | 2.00 | 7.06 | 2.01 | 7.49 | 2.06 | 7.77 | 2.10 |
| | 25.0 | 5.69 | 1.77 | 6.45 | 2.03 | 6.74 | 2.06 | 6.88 | 2.08 | 7.31 | 2.12 | 7.60 | 2.16 |
| | 32.0 | 5.69 | 2.11 | 6.04 | 2.18 | 6.33 | 2.21 | 6.47 | 2.23 | 6.91 | 2.28 | 7.19 | 2.31 |
| | 35.0 | 5.58 | 2.22 | 5.87 | 2.25 | 6.16 | 2.29 | 6.30 | 2.30 | 6.73 | 2.35 | 7.02 | 2.38 |
| | 40.0 | 5.29 | 2.35 | 5.58 | 2.38 | 5.87 | 2.41 | 6.01 | 2.43 | 6.44 | 2.48 | 6.73 | 2.51 |
| | 43.0 | 5.12 | 2.43 | 5.40 | 2.46 | 5.69 | 2.49 | 5.84 | 2.51 | 6.27 | 2.56 | 6.55 | 2.59 |
| | 46.0 | 4.75 | 2.30 | 4.98 | 2.30 | 5.21 | 2.30 | 5.33 | 2.30 | 5.66 | 2.30 | 5.87 | 2.30 |
| 2.0+4.2 | 22.0 | 5.69 | 1.60 | 6.62 | 1.91 | 6.91 | 1.95 | 7.06 | 1.96 | 7.49 | 2.01 | 7.77 | 2.05 |
| | 25.0 | 5.69 | 1.72 | 6.45 | 1.98 | 6.74 | 2.01 | 6.88 | 2.03 | 7.31 | 2.07 | 7.60 | 2.11 |
| | 32.0 | 5.69 | 2.06 | 6.04 | 2.13 | 6.33 | 2.16 | 6.47 | 2.18 | 6.91 | 2.23 | 7.19 | 2.26 |
| | 35.0 | 5.58 | 2.17 | 5.87 | 2.20 | 6.16 | 2.24 | 6.30 | 2.25 | 6.73 | 2.30 | 7.02 | 2.33 |
| | 40.0 | 5.29 | 2.30 | 5.58 | 2.33 | 5.87 | 2.36 | 6.01 | 2.38 | 6.44 | 2.43 | 6.73 | 2.46 |
| | 43.0 | 5.12 | 2.38 | 5.40 | 2.41 | 5.69 | 2.44 | 5.84 | 2.46 | 6.27 | 2.51 | 6.55 | 2.54 |
| | 46.0 | 4.75 | 2.25 | 4.98 | 2.25 | 5.21 | 2.25 | 5.33 | 2.25 | 5.66 | 2.25 | 5.87 | 2.25 |
| 2.0+5.0 | 22.0 | 6.34 | 1.72 | 6.84 | 1.84 | 7.13 | 1.88 | 7.28 | 1.89 | 7.73 | 1.94 | 8.03 | 1.98 |
| | 25.0 | 6.34 | 1.86 | 6.66 | 1.90 | 6.95 | 1.94 | 7.10 | 1.96 | 7.55 | 2.01 | 7.85 | 2.04 |
| | 32.0 | 5.94 | 2.03 | 6.23 | 2.07 | 6.53 | 2.10 | 6.68 | 2.12 | 7.13 | 2.17 | 7.43 | 2.20 |
| | 35.0 | 5.75 | 2.11 | 6.05 | 2.14 | 6.35 | 2.18 | 6.50 | 2.19 | 6.95 | 2.24 | 7.25 | 2.28 |
| | 40.0 | 5.45 | 2.24 | 5.75 | 2.27 | 6.05 | 2.31 | 6.20 | 2.32 | 6.65 | 2.38 | 6.94 | 2.41 |
| | 43.0 | 5.27 | 2.32 | 5.57 | 2.36 | 5.87 | 2.39 | 6.02 | 2.41 | 6.47 | 2.46 | 6.76 | 2.49 |
| | 46.0 | 4.82 | 2.11 | 5.06 | 2.11 | 5.29 | 2.11 | 5.40 | 2.11 | 5.73 | 2.11 | 5.95 | 2.11 |
| 2.5+2.5 | 22.0 | 5.60 | 1.70 | 6.61 | 2.03 | 6.88 | 2.06 | 7.02 | 2.08 | 7.43 | 2.12 | 7.71 | 2.15 |
| | 25.0 | 5.60 | 1.80 | 6.44 | 2.09 | 6.72 | 2.12 | 6.86 | 2.13 | 7.27 | 2.18 | 7.54 | 2.21 |
| | 32.0 | 5.60 | 2.10 | 6.05 | 2.23 | 6.33 | 2.26 | 6.47 | 2.28 | 6.88 | 2.32 | 7.15 | 2.35 |
| | 35.0 | 5.60 | 2.26 | 5.89 | 2.30 | 6.16 | 2.33 | 6.30 | 2.34 | 6.71 | 2.39 | 6.99 | 2.42 |
| | 40.0 | 5.34 | 2.38 | 5.61 | 2.41 | 5.89 | 2.44 | 6.02 | 2.46 | 6.43 | 2.51 | 6.71 | 2.54 |
| | 43.0 | 5.17 | 2.46 | 5.44 | 2.49 | 5.72 | 2.52 | 5.86 | 2.53 | 6.27 | 2.58 | 6.54 | 2.61 |
| | 46.0 | 4.97 | 2.50 | 5.20 | 2.50 | 5.44 | 2.50 | 5.55 | 2.50 | 5.89 | 2.50 | 6.10 | 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 |
| 2.5+3.5 | 22.0 | 5.69 | 1.63 | 6.62 | 1.94 | 6.91 | 1.98 | 7.06 | 1.99 | 7.49 | 2.04 | 7.77 | 2.08 |
| | 25.0 | 5.69 | 1.75 | 6.45 | 2.01 | 6.74 | 2.04 | 6.88 | 2.06 | 7.31 | 2.10 | 7.60 | 2.14 |
| | 32.0 | 5.69 | 2.09 | 6.04 | 2.16 | 6.33 | 2.19 | 6.47 | 2.21 | 6.91 | 2.26 | 7.19 | 2.29 |
| | 35.0 | 5.58 | 2.20 | 5.87 | 2.23 | 6.16 | 2.27 | 6.30 | 2.28 | 6.73 | 2.33 | 7.02 | 2.36 |
| | 40.0 | 5.29 | 2.33 | 5.58 | 2.36 | 5.87 | 2.39 | 6.01 | 2.41 | 6.44 | 2.46 | 6.73 | 2.49 |
| | 43.0 | 5.12 | 2.41 | 5.40 | 2.44 | 5.69 | 2.47 | 5.84 | 2.49 | 6.27 | 2.54 | 6.55 | 2.57 |
| | 46.0 | 4.75 | 2.28 | 4.98 | 2.28 | 5.21 | 2.28 | 5.33 | 2.28 | 5.66 | 2.28 | 5.87 | 2.28 |
| 2.5+4.2 | 22.0 | 5.79 | 1.65 | 6.72 | 1.96 | 7.01 | 2.00 | 7.16 | 2.01 | 7.59 | 2.06 | 7.87 | 2.10 |
| | 25.0 | 5.79 | 1.77 | 6.55 | 2.03 | 6.84 | 2.06 | 6.98 | 2.08 | 7.41 | 2.12 | 7.70 | 2.16 |
| | 32.0 | 5.79 | 2.11 | 6.14 | 2.18 | 6.43 | 2.21 | 6.57 | 2.23 | 7.01 | 2.28 | 7.29 | 2.31 |
| | 35.0 | 5.68 | 2.22 | 5.97 | 2.25 | 6.26 | 2.29 | 6.40 | 2.30 | 6.83 | 2.35 | 7.12 | 2.38 |
| | 40.0 | 5.39 | 2.35 | 5.68 | 2.38 | 5.97 | 2.41 | 6.11 | 2.43 | 6.54 | 2.48 | 6.83 | 2.51 |
| | 43.0 | 5.22 | 2.43 | 5.50 | 2.46 | 5.79 | 2.49 | 5.94 | 2.51 | 6.37 | 2.56 | 6.65 | 2.59 |
| | 46.0 | 4.85 | 2.30 | 5.08 | 2.30 | 5.31 | 2.30 | 5.43 | 2.30 | 5.76 | 2.30 | 5.97 | 2.30 |
| 2.5+5.0 | 22.0 | 6.34 | 1.67 | 6.84 | 1.79 | 7.13 | 1.83 | 7.28 | 1.84 | 7.73 | 1.89 | 8.03 | 1.93 |
| | 25.0 | 6.34 | 1.81 | 6.66 | 1.85 | 6.95 | 1.89 | 7.10 | 1.91 | 7.55 | 1.96 | 7.85 | 1.99 |
| | 32.0 | 5.94 | 1.98 | 6.23 | 2.02 | 6.53 | 2.05 | 6.68 | 2.07 | 7.13 | 2.12 | 7.43 | 2.15 |
| | 35.0 | 5.75 | 2.06 | 6.05 | 2.09 | 6.35 | 2.13 | 6.50 | 2.14 | 6.95 | 2.19 | 7.25 | 2.23 |
| | 40.0 | 5.45 | 2.19 | 5.75 | 2.22 | 6.05 | 2.26 | 6.20 | 2.27 | 6.65 | 2.33 | 6.94 | 2.36 |
| | 43.0 | 5.27 | 2.27 | 5.57 | 2.31 | 5.87 | 2.34 | 6.02 | 2.36 | 6.47 | 2.41 | 6.76 | 2.44 |
| | 46.0 | 4.82 | 2.06 | 5.06 | 2.06 | 5.29 | 2.06 | 5.40 | 2.06 | 5.73 | 2.06 | 5.95 | 2.06 |
| 3.5+3.5 | 22.0 | 6.00 | 1.67 | 6.73 | 1.92 | 7.03 | 1.95 | 7.17 | 1.97 | 7.62 | 2.02 | 7.91 | 2.06 |
| | 25.0 | 6.00 | 1.81 | 6.55 | 1.98 | 6.85 | 2.02 | 7.00 | 2.04 | 7.44 | 2.09 | 7.73 | 2.13 |
| | 32.0 | 5.84 | 2.11 | 6.14 | 2.15 | 6.43 | 2.19 | 6.58 | 2.20 | 7.02 | 2.26 | 7.32 | 2.29 |
| | 35.0 | 5.66 | 2.19 | 5.96 | 2.23 | 6.25 | 2.26 | 6.40 | 2.28 | 6.84 | 2.34 | 7.14 | 2.37 |
| | 40.0 | 5.36 | 2.33 | 5.66 | 2.37 | 5.95 | 2.40 | 6.10 | 2.42 | 6.54 | 2.47 | 6.84 | 2.51 |
| | 43.0 | 5.19 | 2.42 | 5.48 | 2.45 | 5.78 | 2.49 | 5.92 | 2.51 | 6.37 | 2.56 | 6.66 | 2.60 |
| | 46.0 | 4.69 | 2.10 | 4.91 | 2.10 | 5.13 | 2.10 | 5.24 | 2.10 | 5.56 | 2.10 | 5.77 | 2.10 |
| 3.5+4.2 | 22.0 | 6.00 | 1.65 | 6.73 | 1.90 | 7.03 | 1.93 | 7.17 | 1.95 | 7.62 | 2.00 | 7.91 | 2.04 |
| | 25.0 | 6.00 | 1.79 | 6.55 | 1.96 | 6.85 | 2.00 | 7.00 | 2.02 | 7.44 | 2.07 | 7.73 | 2.11 |
| | 32.0 | 5.84 | 2.09 | 6.14 | 2.13 | 6.43 | 2.17 | 6.58 | 2.18 | 7.02 | 2.24 | 7.32 | 2.27 |
| | 35.0 | 5.66 | 2.17 | 5.96 | 2.21 | 6.25 | 2.24 | 6.40 | 2.26 | 6.84 | 2.32 | 7.14 | 2.35 |
| | 40.0 | 5.36 | 2.31 | 5.66 | 2.35 | 5.95 | 2.38 | 6.10 | 2.40 | 6.54 | 2.45 | 6.84 | 2.49 |
| | 43.0 | 5.19 | 2.40 | 5.48 | 2.43 | 5.78 | 2.47 | 5.92 | 2.49 | 6.37 | 2.54 | 6.66 | 2.58 |
| | 46.0 | 4.69 | 2.08 | 4.91 | 2.08 | 5.13 | 2.08 | 5.24 | 2.08 | 5.56 | 2.08 | 5.77 | 2.08 |
| 3.5+5.0 | 22.0 | 6.64 | 1.82 | 6.94 | 1.85 | 7.24 | 1.88 | 7.39 | 1.90 | 7.83 | 1.95 | 8.13 | 1.98 |
| | 25.0 | 6.46 | 1.88 | 6.76 | 1.91 | 7.05 | 1.95 | 7.20 | 1.96 | 7.65 | 2.01 | 7.95 | 2.05 |
| | 32.0 | 6.03 | 2.04 | 6.33 | 2.07 | 6.63 | 2.10 | 6.78 | 2.12 | 7.23 | 2.17 | 7.53 | 2.20 |
| | 35.0 | 5.85 | 2.11 | 6.15 | 2.14 | 6.45 | 2.18 | 6.60 | 2.19 | 7.05 | 2.24 | 7.35 | 2.28 |
| | 40.0 | 5.55 | 2.24 | 5.85 | 2.27 | 6.15 | 2.30 | 6.30 | 2.32 | 6.75 | 2.37 | 7.05 | 2.40 |
| | 43.0 | 5.37 | 2.32 | 5.67 | 2.35 | 5.97 | 2.39 | 6.12 | 2.40 | 6.56 | 2.45 | 6.86 | 2.49 |
| | 46.0 | 4.96 | 2.17 | 5.20 | 2.17 | 5.44 | 2.17 | 5.55 | 2.17 | 5.89 | 2.17 | 6.11 | 2.17 |

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5·m
   Level difference: ·0·m
2. The bold cells indicate the standard conditios.
3. The values above are for connecting with the following indoor unit types:
   · 2.0, 2.5, 3.5, 4.2, 5.0 · kW class
   Wall-mountend ·FTXM-M· series
4. Editable data for this drawing are available in ·GDE· system.

Symbols

TC: Total capacity [kW]
PI: Power input [kW]
① Indoor unit combinations
② Outdoor air temperature [° C DB]

**3D105327**

# 6 Capacity tables

## 6 - 1 Cooling Capacity Tables



### 4MWXM-A9

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+4.2 | 22.0 | 6.10 | 1.63 | 6.83 | 1.88 | 7.13 | 1.91 | 7.27 | 1.93 | 7.72 | 1.98 | 8.01 | 2.02 |
| | 25.0 | 6.10 | 1.77 | 6.65 | 1.94 | 6.95 | 1.98 | 7.10 | 2.00 | 7.54 | 2.05 | 7.83 | 2.09 |
| | 32.0 | 5.94 | 2.07 | 6.24 | 2.11 | 6.53 | 2.15 | 6.68 | 2.16 | 7.12 | 2.22 | 7.42 | 2.25 |
| | 35.0 | 5.76 | 2.15 | 6.06 | 2.19 | 6.35 | 2.22 | 6.50 | 2.24 | 6.94 | 2.30 | 7.24 | 2.33 |
| | 40.0 | 5.46 | 2.29 | 5.76 | 2.33 | 6.05 | 2.36 | 6.20 | 2.38 | 6.64 | 2.43 | 6.94 | 2.47 |
| | 43.0 | 5.29 | 2.38 | 5.58 | 2.41 | 5.88 | 2.45 | 6.02 | 2.47 | 6.47 | 2.52 | 6.76 | 2.56 |
| | 46.0 | 4.79 | 2.06 | 5.01 | 2.06 | 5.23 | 2.06 | 5.34 | 2.06 | 5.66 | 2.06 | 5.87 | 2.06 |
| 1.5+1.5+1.5 | 22.0 | 6.74 | 1.90 | 7.07 | 1.93 | 7.39 | 1.96 | 7.55 | 1.98 | 8.04 | 2.03 | 8.36 | 2.07 |
| | 25.0 | 6.54 | 1.96 | 6.87 | 1.99 | 7.19 | 2.03 | 7.36 | 2.05 | 7.84 | 2.10 | 8.17 | 2.13 |
| | 32.0 | 6.09 | 2.12 | 6.41 | 2.16 | 6.73 | 2.19 | 6.90 | 2.21 | 7.38 | 2.26 | 7.71 | 2.29 |
| | 35.0 | 5.89 | 2.20 | 6.21 | 2.23 | 6.54 | 2.27 | 6.70 | 2.28 | 7.19 | 2.33 | 7.51 | 2.37 |
| | 40.0 | 5.56 | 2.33 | 5.89 | 2.36 | 6.21 | 2.40 | 6.37 | 2.41 | 6.86 | 2.47 | 7.18 | 2.50 |
| | 43.0 | 5.36 | 2.41 | 5.69 | 2.45 | 6.01 | 2.48 | 6.18 | 2.50 | 6.66 | 2.55 | 6.99 | 2.59 |
| | 46.0 | 4.83 | 2.19 | 5.08 | 2.19 | 5.33 | 2.19 | 5.45 | 2.19 | 5.80 | 2.19 | 6.03 | 2.19 |
| 1.5+1.5+2.0 | 22.0 | 6.74 | 1.88 | 7.07 | 1.91 | 7.39 | 1.94 | 7.55 | 1.96 | 8.04 | 2.01 | 8.36 | 2.05 |
| | 25.0 | 6.54 | 1.94 | 6.87 | 1.97 | 7.19 | 2.01 | 7.36 | 2.03 | 7.84 | 2.08 | 8.17 | 2.11 |
| | 32.0 | 6.09 | 2.10 | 6.41 | 2.14 | 6.73 | 2.17 | 6.90 | 2.19 | 7.38 | 2.24 | 7.71 | 2.27 |
| | 35.0 | 5.89 | 2.18 | 6.21 | 2.21 | 6.54 | 2.25 | 6.70 | 2.26 | 7.19 | 2.31 | 7.51 | 2.35 |
| | 40.0 | 5.56 | 2.31 | 5.89 | 2.34 | 6.21 | 2.38 | 6.37 | 2.39 | 6.86 | 2.45 | 7.18 | 2.48 |
| | 43.0 | 5.36 | 2.39 | 5.69 | 2.43 | 6.01 | 2.46 | 6.18 | 2.48 | 6.66 | 2.53 | 6.99 | 2.57 |
| | 46.0 | 4.83 | 2.17 | 5.08 | 2.17 | 5.33 | 2.17 | 5.45 | 2.17 | 5.80 | 2.17 | 6.03 | 2.17 |
| 1.5+1.5+2.5 | 22.0 | 6.74 | 1.85 | 7.07 | 1.88 | 7.39 | 1.91 | 7.55 | 1.93 | 8.04 | 1.98 | 8.36 | 2.02 |
| | 25.0 | 6.54 | 1.91 | 6.87 | 1.94 | 7.19 | 1.98 | 7.36 | 2.00 | 7.84 | 2.05 | 8.17 | 2.08 |
| | 32.0 | 6.09 | 2.07 | 6.41 | 2.11 | 6.73 | 2.14 | 6.90 | 2.16 | 7.38 | 2.21 | 7.71 | 2.24 |
| | 35.0 | 5.89 | 2.15 | 6.21 | 2.18 | 6.54 | 2.22 | 6.70 | 2.23 | 7.19 | 2.28 | 7.51 | 2.32 |
| | 40.0 | 5.56 | 2.28 | 5.89 | 2.31 | 6.21 | 2.35 | 6.37 | 2.36 | 6.86 | 2.42 | 7.18 | 2.45 |
| | 43.0 | 5.36 | 2.36 | 5.69 | 2.40 | 6.01 | 2.43 | 6.18 | 2.45 | 6.66 | 2.50 | 6.99 | 2.54 |
| | 46.0 | 4.83 | 2.14 | 5.08 | 2.14 | 5.33 | 2.14 | 5.45 | 2.14 | 5.80 | 2.14 | 6.03 | 2.14 |
| 1.5+1.5+3.5 | 22.0 | 6.84 | 1.90 | 7.17 | 1.93 | 7.49 | 1.96 | 7.65 | 1.98 | 8.14 | 2.03 | 8.47 | 2.07 |
| | 25.0 | 6.64 | 1.96 | 6.97 | 1.99 | 7.29 | 2.03 | 7.46 | 2.05 | 7.95 | 2.10 | 8.27 | 2.13 |
| | 32.0 | 6.18 | 2.12 | 6.51 | 2.16 | 6.83 | 2.19 | 7.00 | 2.21 | 7.49 | 2.26 | 7.81 | 2.29 |
| | 35.0 | 5.99 | 2.20 | 6.31 | 2.23 | 6.64 | 2.27 | 6.80 | 2.28 | 7.29 | 2.33 | 7.61 | 2.37 |
| | 40.0 | 5.66 | 2.33 | 5.98 | 2.36 | 6.31 | 2.40 | 6.47 | 2.41 | 6.96 | 2.47 | 7.28 | 2.50 |
| | 43.0 | 5.46 | 2.41 | 5.79 | 2.45 | 6.11 | 2.48 | 6.27 | 2.51 | 6.76 | 2.55 | 7.09 | 2.59 |
| | 46.0 | 4.92 | 2.19 | 5.18 | 2.19 | 5.42 | 2.19 | 5.55 | 2.19 | 5.90 | 2.19 | 6.13 | 2.19 |
| 1.5+1.5+4.2 | 22.0 | 6.84 | 1.88 | 7.17 | 1.91 | 7.49 | 1.94 | 7.65 | 1.96 | 8.14 | 2.01 | 8.47 | 2.05 |
| | 25.0 | 6.64 | 1.94 | 6.97 | 1.97 | 7.29 | 2.01 | 7.46 | 2.03 | 7.95 | 2.08 | 8.27 | 2.11 |
| | 32.0 | 6.18 | 2.10 | 6.51 | 2.14 | 6.83 | 2.17 | 7.00 | 2.19 | 7.49 | 2.24 | 7.81 | 2.27 |
| | 35.0 | 5.99 | 2.18 | 6.31 | 2.21 | 6.64 | 2.25 | 6.80 | 2.26 | 7.29 | 2.31 | 7.61 | 2.35 |
| | 40.0 | 5.66 | 2.31 | 5.98 | 2.34 | 6.31 | 2.38 | 6.47 | 2.39 | 6.96 | 2.45 | 7.28 | 2.48 |
| | 43.0 | 5.46 | 2.39 | 5.79 | 2.43 | 6.11 | 2.46 | 6.27 | 2.49 | 6.76 | 2.53 | 7.09 | 2.57 |
| | 46.0 | 4.92 | 2.17 | 5.18 | 2.17 | 5.42 | 2.17 | 5.55 | 2.17 | 5.90 | 2.17 | 6.13 | 2.17 |

| 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+5.0 | 22.0 | 7.14 | 1.77 | 7.48 | 1.80 | 7.82 | 1.84 | 7.98 | 1.86 | 8.49 | 1.91 | 8.82 | 1.95 |
| | 25.0 | 6.94 | 1.83 | 7.28 | 1.87 | 7.61 | 1.91 | 7.78 | 1.92 | 8.28 | 1.98 | 8.62 | 2.01 |
| | 32.0 | 6.46 | 2.00 | 6.80 | 2.04 | 7.14 | 2.08 | 7.30 | 2.09 | 7.81 | 2.15 | 8.14 | 2.18 |
| | 35.0 | 6.26 | 2.08 | 6.60 | 2.12 | 6.93 | 2.15 | 7.10 | 2.17 | 7.60 | 2.23 | 7.94 | 2.26 |
| | 40.0 | 5.92 | 2.22 | 6.26 | 2.26 | 6.59 | 2.29 | 6.76 | 2.31 | 7.26 | 2.37 | 7.60 | 2.40 |
| | 43.0 | 5.72 | 2.31 | 6.05 | 2.34 | 6.39 | 2.38 | 6.56 | 2.40 | 7.06 | 2.45 | 7.40 | 2.49 |
| | 46.0 | 5.07 | 1.98 | 5.32 | 1.98 | 5.56 | 1.98 | 5.68 | 1.98 | 6.04 | 1.98 | 6.27 | 1.98 |
| 1.5+2.0+2.0 | 22.0 | 6.74 | 1.83 | 7.07 | 1.86 | 7.39 | 1.89 | 7.55 | 1.91 | 8.04 | 1.96 | 8.36 | 2.00 |
| | 25.0 | 6.54 | 1.89 | 6.87 | 1.92 | 7.19 | 1.96 | 7.36 | 1.98 | 7.84 | 2.03 | 8.17 | 2.06 |
| | 32.0 | 6.09 | 2.05 | 6.41 | 2.09 | 6.73 | 2.12 | 6.90 | 2.14 | 7.38 | 2.19 | 7.71 | 2.22 |
| | 35.0 | 5.89 | 2.13 | 6.21 | 2.16 | 6.54 | 2.20 | 6.70 | 2.21 | 7.19 | 2.26 | 7.51 | 2.30 |
| | 40.0 | 5.56 | 2.26 | 5.89 | 2.29 | 6.21 | 2.33 | 6.37 | 2.34 | 6.86 | 2.40 | 7.18 | 2.43 |
| | 43.0 | 5.36 | 2.34 | 5.69 | 2.38 | 6.01 | 2.41 | 6.18 | 2.43 | 6.66 | 2.48 | 6.99 | 2.52 |
| | 46.0 | 4.83 | 2.12 | 5.08 | 2.12 | 5.33 | 2.12 | 5.45 | 2.12 | 5.80 | 2.12 | 6.03 | 2.12 |
| 1.5+2.0+2.5 | 22.0 | 6.74 | 1.81 | 7.07 | 1.84 | 7.39 | 1.87 | 7.55 | 1.89 | 8.04 | 1.94 | 8.36 | 1.98 |
| | 25.0 | 6.54 | 1.87 | 6.87 | 1.90 | 7.19 | 1.94 | 7.36 | 1.96 | 7.84 | 2.01 | 8.17 | 2.04 |
| | 32.0 | 6.09 | 2.03 | 6.41 | 2.07 | 6.73 | 2.10 | 6.90 | 2.12 | 7.38 | 2.17 | 7.71 | 2.20 |
| | 35.0 | 5.89 | 2.11 | 6.21 | 2.14 | 6.54 | 2.18 | 6.70 | 2.19 | 7.19 | 2.24 | 7.51 | 2.28 |
| | 40.0 | 5.56 | 2.24 | 5.89 | 2.27 | 6.21 | 2.31 | 6.37 | 2.32 | 6.86 | 2.38 | 7.18 | 2.41 |
| | 43.0 | 5.36 | 2.32 | 5.69 | 2.36 | 6.01 | 2.39 | 6.18 | 2.41 | 6.66 | 2.46 | 6.99 | 2.50 |
| | 46.0 | 4.83 | 2.10 | 5.08 | 2.10 | 5.33 | 2.10 | 5.45 | 2.10 | 5.80 | 2.10 | 6.03 | 2.10 |
| 1.5+2.0+3.5 | 22.0 | 6.84 | 1.85 | 7.17 | 1.88 | 7.49 | 1.91 | 7.65 | 1.93 | 8.14 | 1.98 | 8.47 | 2.02 |
| | 25.0 | 6.64 | 1.91 | 6.97 | 1.94 | 7.29 | 1.98 | 7.46 | 2.00 | 7.95 | 2.05 | 8.27 | 2.08 |
| | 32.0 | 6.18 | 2.07 | 6.51 | 2.11 | 6.83 | 2.14 | 7.00 | 2.16 | 7.49 | 2.21 | 7.81 | 2.24 |
| | 35.0 | 5.99 | 2.15 | 6.31 | 2.18 | 6.64 | 2.22 | 6.80 | 2.23 | 7.29 | 2.28 | 7.61 | 2.32 |
| | 40.0 | 5.66 | 2.28 | 5.98 | 2.31 | 6.31 | 2.35 | 6.47 | 2.36 | 6.96 | 2.42 | 7.28 | 2.45 |
| | 43.0 | 5.46 | 2.36 | 5.79 | 2.40 | 6.11 | 2.43 | 6.27 | 2.46 | 6.76 | 2.50 | 7.09 | 2.54 |
| | 46.0 | 4.92 | 2.14 | 5.18 | 2.14 | 5.42 | 2.14 | 5.55 | 2.14 | 5.90 | 2.14 | 6.13 | 2.14 |
| 1.5+2.0+4.2 | 22.0 | 6.84 | 1.81 | 7.17 | 1.84 | 7.49 | 1.87 | 7.65 | 1.89 | 8.14 | 1.94 | 8.47 | 1.98 |
| | 25.0 | 6.64 | 1.87 | 6.97 | 1.90 | 7.29 | 1.94 | 7.46 | 1.96 | 7.95 | 2.01 | 8.27 | 2.04 |
| | 32.0 | 6.18 | 2.03 | 6.51 | 2.07 | 6.83 | 2.10 | 7.00 | 2.12 | 7.49 | 2.17 | 7.81 | 2.20 |
| | 35.0 | 5.99 | 2.11 | 6.31 | 2.14 | 6.64 | 2.18 | 6.80 | 2.19 | 7.29 | 2.24 | 7.61 | 2.28 |
| | 40.0 | 5.66 | 2.24 | 5.98 | 2.27 | 6.31 | 2.31 | 6.47 | 2.32 | 6.96 | 2.38 | 7.28 | 2.41 |
| | 43.0 | 5.46 | 2.32 | 5.79 | 2.36 | 6.11 | 2.39 | 6.27 | 2.42 | 6.76 | 2.46 | 7.09 | 2.50 |
| | 46.0 | 4.92 | 2.10 | 5.18 | 2.10 | 5.42 | 2.10 | 5.55 | 2.10 | 5.90 | 2.10 | 6.13 | 2.10 |
| 1.5+2.0+5.0 | 22.0 | 7.24 | 1.75 | 7.58 | 1.78 | 7.92 | 1.82 | 8.08 | 1.84 | 8.59 | 1.89 | 8.92 | 1.93 |
| | 25.0 | 7.04 | 1.81 | 7.38 | 1.85 | 7.71 | 1.89 | 7.88 | 1.90 | 8.38 | 1.96 | 8.72 | 1.99 |
| | 32.0 | 6.56 | 1.98 | 6.90 | 2.02 | 7.24 | 2.06 | 7.40 | 2.07 | 7.91 | 2.13 | 8.24 | 2.16 |
| | 35.0 | 6.36 | 2.06 | 6.70 | 2.10 | 7.03 | 2.13 | 7.20 | 2.15 | 7.70 | 2.21 | 8.04 | 2.24 |
| | 40.0 | 6.02 | 2.20 | 6.36 | 2.24 | 6.69 | 2.27 | 6.86 | 2.29 | 7.36 | 2.35 | 7.70 | 2.38 |
| | 43.0 | 5.82 | 2.29 | 6.15 | 2.32 | 6.49 | 2.36 | 6.66 | 2.38 | 7.16 | 2.43 | 7.50 | 2.47 |
| | 46.0 | 5.17 | 1.96 | 5.42 | 1.96 | 5.66 | 1.96 | 5.78 | 1.96 | 6.14 | 1.96 | 6.37 | 1.96 |

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5·m
   Level difference: ·0·m
2. The bold cells indicate the standard conditios.
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-mountend ·CTXM-M, FTXM-M· series
4. Editable data for this drawing are available in ·GDE· system.

Symbols

TC: Total capacity [kW]
PI: Power input [kW]
① Indoor unit combinations
② Outdoor air temperature [° C DB]

**3D105328**

### 4MWXM-A9

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 | 22.0 | 6.74 | 1.79 | 7.07 | 1.82 | 7.39 | 1.85 | 7.55 | 1.87 | 8.04 | 1.92 | 8.36 | 1.96 |
| | 25.0 | 6.54 | 1.85 | 6.87 | 1.88 | 7.19 | 1.92 | 7.36 | 1.94 | 7.84 | 1.99 | 8.17 | 2.02 |
| | 32.0 | 6.09 | 2.01 | 6.41 | 2.05 | 6.73 | 2.08 | 6.90 | 2.10 | 7.38 | 2.15 | 7.71 | 2.18 |
| | 35.0 | 5.89 | 2.09 | 6.21 | 2.12 | 6.54 | 2.16 | 6.70 | 2.17 | 7.19 | 2.22 | 7.51 | 2.26 |
| | 40.0 | 5.56 | 2.22 | 5.89 | 2.25 | 6.21 | 2.29 | 6.37 | 2.30 | 6.86 | 2.36 | 7.18 | 2.39 |
| | 43.0 | 5.36 | 2.30 | 5.69 | 2.34 | 6.01 | 2.37 | 6.18 | 2.39 | 6.66 | 2.44 | 6.99 | 2.48 |
| | 46.0 | 4.83 | 2.08 | 5.08 | 2.08 | 5.33 | 2.08 | 5.45 | 2.08 | 5.80 | 2.08 | 6.03 | 2.08 |
| 1.5+2.5+3.5 | 22.0 | 6.84 | 1.83 | 7.17 | 1.86 | 7.49 | 1.89 | 7.65 | 1.91 | 8.14 | 1.96 | 8.47 | 2.00 |
| | 25.0 | 6.64 | 1.89 | 6.97 | 1.92 | 7.29 | 1.96 | 7.46 | 1.98 | 7.95 | 2.03 | 8.27 | 2.06 |
| | 32.0 | 6.18 | 2.05 | 6.51 | 2.09 | 6.83 | 2.12 | 7.00 | 2.14 | 7.49 | 2.19 | 7.81 | 2.22 |
| | 35.0 | 5.99 | 2.13 | 6.31 | 2.16 | 6.64 | 2.20 | 6.80 | 2.21 | 7.29 | 2.26 | 7.61 | 2.30 |
| | 40.0 | 5.66 | 2.26 | 5.98 | 2.29 | 6.31 | 2.33 | 6.47 | 2.34 | 6.96 | 2.40 | 7.28 | 2.43 |
| | 43.0 | 5.46 | 2.34 | 5.79 | 2.38 | 6.11 | 2.41 | 6.27 | 2.44 | 6.76 | 2.48 | 7.09 | 2.52 |
| | 46.0 | 4.92 | 2.12 | 5.18 | 2.12 | 5.42 | 2.12 | 5.55 | 2.12 | 5.90 | 2.12 | 6.13 | 2.12 |
| 1.5+2.5+4.2 | 22.0 | 6.84 | 1.81 | 7.17 | 1.84 | 7.49 | 1.87 | 7.65 | 1.89 | 8.14 | 1.94 | 8.47 | 1.98 |
| | 25.0 | 6.64 | 1.87 | 6.97 | 1.90 | 7.29 | 1.94 | 7.46 | 1.96 | 7.95 | 2.01 | 8.27 | 2.04 |
| | 32.0 | 6.18 | 2.03 | 6.51 | 2.07 | 6.83 | 2.10 | 7.00 | 2.12 | 7.49 | 2.17 | 7.81 | 2.20 |
| | 35.0 | 5.99 | 2.11 | 6.31 | 2.14 | 6.64 | 2.18 | 6.80 | 2.19 | 7.29 | 2.24 | 7.61 | 2.28 |
| | 40.0 | 5.66 | 2.24 | 5.98 | 2.27 | 6.31 | 2.31 | 6.47 | 2.32 | 6.96 | 2.38 | 7.28 | 2.41 |
| | 43.0 | 5.46 | 2.32 | 5.79 | 2.36 | 6.11 | 2.39 | 6.27 | 2.42 | 6.76 | 2.46 | 7.09 | 2.50 |
| | 46.0 | 4.92 | 2.10 | 5.18 | 2.10 | 5.42 | 2.10 | 5.55 | 2.10 | 5.90 | 2.10 | 6.13 | 2.10 |
| 1.5+2.5+5.0 | 22.0 | 7.34 | 1.77 | 7.68 | 1.80 | 8.02 | 1.84 | 8.18 | 1.86 | 8.69 | 1.91 | 9.02 | 1.95 |
| | 25.0 | 7.14 | 1.83 | 7.48 | 1.87 | 7.81 | 1.91 | 7.98 | 1.92 | 8.48 | 1.98 | 8.82 | 2.01 |
| | 32.0 | 6.66 | 2.00 | 7.00 | 2.04 | 7.34 | 2.08 | 7.50 | 2.09 | 8.01 | 2.15 | 8.34 | 2.18 |
| | 35.0 | 6.46 | 2.08 | 6.80 | 2.12 | 7.13 | 2.15 | 7.30 | 2.17 | 7.80 | 2.23 | 8.14 | 2.26 |
| | 40.0 | 6.12 | 2.22 | 6.46 | 2.26 | 6.79 | 2.29 | 6.96 | 2.31 | 7.46 | 2.37 | 7.80 | 2.40 |
| | 43.0 | 5.92 | 2.31 | 6.25 | 2.34 | 6.59 | 2.38 | 6.76 | 2.40 | 7.26 | 2.45 | 7.60 | 2.49 |
| | 46.0 | 5.27 | 1.98 | 5.52 | 1.98 | 5.76 | 1.98 | 5.88 | 1.98 | 6.24 | 1.98 | 6.47 | 1.98 |
| 1.5+3.5+3.5 | 22.0 | 7.34 | 1.77 | 7.67 | 1.80 | 7.99 | 1.83 | 8.16 | 1.85 | 8.64 | 1.90 | 8.97 | 1.94 |
| | 25.0 | 7.14 | 1.83 | 7.47 | 1.86 | 7.80 | 1.90 | 7.96 | 1.92 | 8.45 | 1.97 | 8.77 | 2.00 |
| | 32.0 | 6.68 | 1.99 | 7.01 | 2.03 | 7.33 | 2.06 | 7.50 | 2.08 | 7.99 | 2.13 | 8.31 | 2.16 |
| | 35.0 | 6.49 | 2.07 | 6.81 | 2.10 | 7.14 | 2.14 | 7.30 | 2.15 | 7.79 | 2.20 | 8.11 | 2.24 |
| | 40.0 | 6.16 | 2.20 | 6.48 | 2.23 | 6.81 | 2.27 | 6.97 | 2.28 | 7.46 | 2.34 | 7.79 | 2.37 |
| | 43.0 | 5.96 | 2.28 | 6.28 | 2.32 | 6.61 | 2.35 | 6.77 | 2.37 | 7.26 | 2.42 | 7.59 | 2.46 |
| | 46.0 | 5.42 | 2.06 | 5.67 | 2.06 | 5.92 | 2.06 | 6.04 | 2.06 | 6.40 | 2.06 | 6.63 | 2.06 |
| 2.0+2.0+2.0 | 22.0 | 7.04 | 1.84 | 7.37 | 1.87 | 7.69 | 1.90 | 7.85 | 1.92 | 8.34 | 1.97 | 8.66 | 2.01 |
| | 25.0 | 6.84 | 1.90 | 7.17 | 1.93 | 7.49 | 1.97 | 7.66 | 1.99 | 8.14 | 2.04 | 8.47 | 2.07 |
| | 32.0 | 6.39 | 2.06 | 6.71 | 2.10 | 7.03 | 2.13 | 7.20 | 2.15 | 7.68 | 2.20 | 8.01 | 2.23 |
| | 35.0 | 6.19 | 2.14 | 6.51 | 2.17 | 6.84 | 2.21 | 7.00 | 2.22 | 7.49 | 2.27 | 7.81 | 2.31 |
| | 40.0 | 5.86 | 2.27 | 6.19 | 2.30 | 6.51 | 2.34 | 6.67 | 2.35 | 7.16 | 2.41 | 7.48 | 2.44 |
| | 43.0 | 5.66 | 2.35 | 5.99 | 2.39 | 6.31 | 2.42 | 6.48 | 2.44 | 6.96 | 2.49 | 7.29 | 2.53 |
| | 46.0 | 5.13 | 2.13 | 5.38 | 2.13 | 5.63 | 2.13 | 5.75 | 2.13 | 6.10 | 2.13 | 6.33 | 2.13 |

| 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 | 22.0 | 7.04 | 1.83 | 7.37 | 1.86 | 7.69 | 1.89 | 7.85 | 1.91 | 8.34 | 1.96 | 8.66 | 2.00 |
| | 25.0 | 6.84 | 1.89 | 7.17 | 1.92 | 7.49 | 1.96 | 7.66 | 1.98 | 8.14 | 2.03 | 8.47 | 2.06 |
| | 32.0 | 6.39 | 2.05 | 6.71 | 2.09 | 7.03 | 2.12 | 7.20 | 2.14 | 7.68 | 2.19 | 8.01 | 2.22 |
| | 35.0 | 6.19 | 2.13 | 6.51 | 2.16 | 6.84 | 2.20 | 7.00 | 2.21 | 7.49 | 2.26 | 7.81 | 2.30 |
| | 40.0 | 5.86 | 2.26 | 6.19 | 2.29 | 6.51 | 2.33 | 6.67 | 2.34 | 7.16 | 2.40 | 7.48 | 2.43 |
| | 43.0 | 5.66 | 2.34 | 5.99 | 2.38 | 6.31 | 2.41 | 6.48 | 2.43 | 6.96 | 2.48 | 7.29 | 2.52 |
| | 46.0 | 5.13 | 2.12 | 5.38 | 2.12 | 5.63 | 2.12 | 5.75 | 2.12 | 6.10 | 2.12 | 6.33 | 2.12 |
| 2.0+2.0+3.5 | 22.0 | 7.24 | 1.79 | 7.57 | 1.82 | 7.89 | 1.85 | 8.05 | 1.87 | 8.54 | 1.92 | 8.87 | 1.96 |
| | 25.0 | 7.04 | 1.85 | 7.37 | 1.88 | 7.69 | 1.92 | 7.86 | 1.94 | 8.35 | 1.99 | 8.67 | 2.02 |
| | 32.0 | 6.58 | 2.01 | 6.91 | 2.05 | 7.23 | 2.08 | 7.40 | 2.10 | 7.89 | 2.15 | 8.21 | 2.18 |
| | 35.0 | 6.39 | 2.09 | 6.71 | 2.12 | 7.04 | 2.16 | 7.20 | 2.17 | 7.69 | 2.22 | 8.01 | 2.26 |
| | 40.0 | 6.06 | 2.22 | 6.38 | 2.25 | 6.71 | 2.29 | 6.87 | 2.30 | 7.36 | 2.36 | 7.68 | 2.39 |
| | 43.0 | 5.86 | 2.30 | 6.19 | 2.34 | 6.51 | 2.37 | 6.67 | 2.40 | 7.16 | 2.44 | 7.49 | 2.48 |
| | 46.0 | 5.32 | 2.08 | 5.58 | 2.08 | 5.82 | 2.08 | 5.95 | 2.08 | 6.30 | 2.08 | 6.53 | 2.08 |
| 2.0+2.0+4.2 | 22.0 | 7.24 | 1.77 | 7.57 | 1.80 | 7.89 | 1.83 | 8.05 | 1.85 | 8.54 | 1.90 | 8.87 | 1.94 |
| | 25.0 | 7.04 | 1.83 | 7.37 | 1.86 | 7.69 | 1.90 | 7.86 | 1.92 | 8.35 | 1.97 | 8.67 | 2.00 |
| | 32.0 | 6.58 | 1.99 | 6.91 | 2.03 | 7.23 | 2.06 | 7.40 | 2.08 | 7.89 | 2.13 | 8.21 | 2.16 |
| | 35.0 | 6.39 | 2.07 | 6.71 | 2.10 | 7.04 | 2.14 | 7.20 | 2.15 | 7.69 | 2.20 | 8.01 | 2.24 |
| | 40.0 | 6.06 | 2.20 | 6.38 | 2.23 | 6.71 | 2.27 | 6.87 | 2.28 | 7.36 | 2.34 | 7.68 | 2.37 |
| | 43.0 | 5.86 | 2.28 | 6.19 | 2.32 | 6.51 | 2.35 | 6.67 | 2.38 | 7.16 | 2.42 | 7.49 | 2.46 |
| | 46.0 | 5.32 | 2.06 | 5.58 | 2.06 | 5.82 | 2.06 | 5.95 | 2.06 | 6.30 | 2.06 | 6.53 | 2.06 |
| 2.0+2.0+5.0 | 22.0 | 7.34 | 1.79 | 7.68 | 1.82 | 8.02 | 1.86 | 8.18 | 1.88 | 8.69 | 1.93 | 9.02 | 1.97 |
| | 25.0 | 7.14 | 1.85 | 7.48 | 1.89 | 7.81 | 1.93 | 7.98 | 1.94 | 8.48 | 2.00 | 8.82 | 2.03 |
| | 32.0 | 6.66 | 2.02 | 7.00 | 2.06 | 7.34 | 2.10 | 7.50 | 2.11 | 8.01 | 2.17 | 8.34 | 2.20 |
| | 35.0 | 6.46 | 2.10 | 6.80 | 2.14 | 7.13 | 2.17 | 7.30 | 2.19 | 7.80 | 2.25 | 8.14 | 2.28 |
| | 40.0 | 6.12 | 2.24 | 6.46 | 2.28 | 6.79 | 2.31 | 6.96 | 2.33 | 7.46 | 2.39 | 7.80 | 2.42 |
| | 43.0 | 5.92 | 2.33 | 6.25 | 2.36 | 6.59 | 2.40 | 6.76 | 2.42 | 7.26 | 2.47 | 7.60 | 2.51 |
| | 46.0 | 5.27 | 2.00 | 5.52 | 2.00 | 5.76 | 2.00 | 5.88 | 2.00 | 6.24 | 2.00 | 6.47 | 2.00 |
| 2.0+2.5+2.5 | 22.0 | 7.14 | 1.74 | 7.47 | 1.77 | 7.79 | 1.80 | 7.95 | 1.82 | 8.44 | 1.87 | 8.76 | 1.91 |
| | 25.0 | 6.94 | 1.80 | 7.27 | 1.83 | 7.59 | 1.87 | 7.76 | 1.89 | 8.24 | 1.94 | 8.57 | 1.97 |
| | 32.0 | 6.49 | 1.96 | 6.81 | 2.00 | 7.13 | 2.03 | 7.30 | 2.05 | 7.78 | 2.10 | 8.11 | 2.13 |
| | 35.0 | 6.29 | 2.04 | 6.61 | 2.07 | 6.94 | 2.11 | 7.10 | 2.12 | 7.59 | 2.17 | 7.91 | 2.21 |
| | 40.0 | 5.96 | 2.17 | 6.29 | 2.20 | 6.61 | 2.24 | 6.77 | 2.25 | 7.26 | 2.31 | 7.58 | 2.34 |
| | 43.0 | 5.76 | 2.25 | 6.09 | 2.29 | 6.41 | 2.32 | 6.58 | 2.34 | 7.06 | 2.39 | 7.39 | 2.43 |
| | 46.0 | 5.23 | 2.03 | 5.48 | 2.03 | 5.73 | 2.03 | 5.85 | 2.03 | 6.20 | 2.03 | 6.43 | 2.03 |
| 2.0+2.5+3.5 | 22.0 | 7.24 | 1.77 | 7.57 | 1.80 | 7.89 | 1.83 | 8.05 | 1.85 | 8.54 | 1.90 | 8.87 | 1.94 |
| | 25.0 | 7.04 | 1.83 | 7.37 | 1.86 | 7.69 | 1.90 | 7.86 | 1.92 | 8.35 | 1.97 | 8.67 | 2.00 |
| | 32.0 | 6.58 | 1.99 | 6.91 | 2.03 | 7.23 | 2.06 | 7.40 | 2.08 | 7.89 | 2.13 | 8.21 | 2.16 |
| | 35.0 | 6.39 | 2.07 | 6.71 | 2.10 | 7.04 | 2.14 | 7.20 | 2.15 | 7.69 | 2.20 | 8.01 | 2.24 |
| | 40.0 | 6.06 | 2.20 | 6.38 | 2.23 | 6.71 | 2.27 | 6.87 | 2.28 | 7.36 | 2.34 | 7.68 | 2.37 |
| | 43.0 | 5.86 | 2.28 | 6.19 | 2.32 | 6.51 | 2.35 | 6.67 | 2.38 | 7.16 | 2.42 | 7.49 | 2.46 |
| | 46.0 | 5.32 | 2.06 | 5.58 | 2.06 | 5.82 | 2.06 | 5.95 | 2.06 | 6.30 | 2.06 | 6.53 | 2.06 |

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5·m
   Level difference: ·0·m
2. The bold cells indicate the standard conditios.
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-mountend ·CTXM-M, FTXM-M· series
4. Editable data for this drawing are available in ·GDE· system.

Symbols

TC: Total capacity [kW]
PI: Power input [kW]
① Indoor unit combinations
② Outdoor air temperature [° C DB]

**3D105329**

# 6 Capacity tables

## 6 - 1 Cooling Capacity Tables

**4MWXM-A9**

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+4.2 | 22.0 | 7.24 | 1.76 | 7.57 | 1.79 | 7.89 | 1.82 | 8.05 | 1.84 | 8.54 | 1.89 | 8.87 | 1.93 |
| | 25.0 | 7.04 | 1.82 | 7.37 | 1.85 | 7.69 | 1.89 | 7.86 | 1.91 | 8.35 | 1.96 | 8.67 | 1.99 |
| | 32.0 | 6.58 | 1.98 | 6.91 | 2.02 | 7.23 | 2.05 | 7.40 | 2.07 | 7.89 | 2.12 | 8.21 | 2.15 |
| | 35.0 | 6.39 | 2.06 | 6.71 | 2.09 | 7.04 | 2.13 | 7.20 | 2.14 | 7.69 | 2.19 | 8.01 | 2.23 |
| | 40.0 | 6.06 | 2.19 | 6.38 | 2.22 | 6.71 | 2.26 | 6.87 | 2.27 | 7.36 | 2.33 | 7.68 | 2.36 |
| | 43.0 | 5.86 | 2.27 | 6.19 | 2.31 | 6.51 | 2.34 | 6.67 | 2.36 | 7.16 | 2.41 | 7.49 | 2.45 |
| | 46.0 | 5.32 | 2.05 | 5.58 | 2.05 | 5.82 | 2.05 | 5.95 | 2.05 | 6.30 | 2.05 | 6.53 | 2.05 |
| 2.0+3.5+3.5 | 22.0 | 7.34 | 1.77 | 7.67 | 1.80 | 7.99 | 1.83 | 8.16 | 1.85 | 8.64 | 1.90 | 8.97 | 1.94 |
| | 25.0 | 7.14 | 1.83 | 7.47 | 1.86 | 7.80 | 1.90 | 7.96 | 1.92 | 8.45 | 1.97 | 8.77 | 2.00 |
| | 32.0 | 6.68 | 1.99 | 7.01 | 2.03 | 7.33 | 2.06 | 7.50 | 2.08 | 7.99 | 2.13 | 8.31 | 2.16 |
| | 35.0 | 6.49 | 2.07 | 6.81 | 2.10 | 7.14 | 2.14 | 7.30 | 2.15 | 7.79 | 2.20 | 8.11 | 2.24 |
| | 40.0 | 6.16 | 2.20 | 6.48 | 2.23 | 6.81 | 2.27 | 6.97 | 2.28 | 7.46 | 2.34 | 7.79 | 2.37 |
| | 43.0 | 5.96 | 2.28 | 6.28 | 2.32 | 6.61 | 2.35 | 6.77 | 2.37 | 7.26 | 2.42 | 7.59 | 2.46 |
| | 46.0 | 5.42 | 2.06 | 5.67 | 2.06 | 5.92 | 2.06 | 6.04 | 2.06 | 6.40 | 2.06 | 6.63 | 2.06 |
| 2.5+2.5+2.5 | 22.0 | 7.14 | 1.81 | 7.47 | 1.84 | 7.79 | 1.87 | 7.95 | 1.89 | 8.44 | 1.94 | 8.76 | 1.98 |
| | 25.0 | 6.94 | 1.87 | 7.27 | 1.90 | 7.59 | 1.94 | 7.76 | 1.96 | 8.24 | 2.01 | 8.57 | 2.04 |
| | 32.0 | 6.49 | 2.03 | 6.81 | 2.07 | 7.13 | 2.10 | 7.30 | 2.12 | 7.78 | 2.17 | 8.11 | 2.20 |
| | 35.0 | 6.29 | 2.11 | 6.61 | 2.14 | 6.94 | 2.18 | 7.10 | 2.19 | 7.59 | 2.24 | 7.91 | 2.28 |
| | 40.0 | 5.96 | 2.24 | 6.29 | 2.27 | 6.61 | 2.31 | 6.77 | 2.32 | 7.26 | 2.38 | 7.58 | 2.41 |
| | 43.0 | 5.76 | 2.32 | 6.09 | 2.36 | 6.41 | 2.39 | 6.58 | 2.41 | 7.06 | 2.46 | 7.39 | 2.50 |
| | 46.0 | 5.23 | 2.10 | 5.48 | 2.10 | 5.73 | 2.10 | 5.85 | 2.10 | 6.20 | 2.10 | 6.43 | 2.10 |
| 2.5+2.5+3.5 | 22.0 | 7.24 | 1.78 | 7.57 | 1.81 | 7.89 | 1.84 | 8.05 | 1.86 | 8.54 | 1.91 | 8.87 | 1.95 |
| | 25.0 | 7.04 | 1.84 | 7.37 | 1.87 | 7.69 | 1.91 | 7.86 | 1.93 | 8.35 | 1.98 | 8.67 | 2.01 |
| | 32.0 | 6.58 | 2.00 | 6.91 | 2.04 | 7.23 | 2.07 | 7.40 | 2.09 | 7.89 | 2.14 | 8.21 | 2.17 |
| | 35.0 | 6.39 | 2.08 | 6.71 | 2.11 | 7.04 | 2.15 | 7.20 | 2.16 | 7.69 | 2.21 | 8.01 | 2.25 |
| | 40.0 | 6.06 | 2.21 | 6.38 | 2.24 | 6.71 | 2.28 | 6.87 | 2.29 | 7.36 | 2.35 | 7.68 | 2.38 |
| | 43.0 | 5.86 | 2.29 | 6.19 | 2.33 | 6.51 | 2.36 | 6.67 | 2.39 | 7.16 | 2.43 | 7.49 | 2.47 |
| | 46.0 | 5.32 | 2.07 | 5.58 | 2.07 | 5.82 | 2.07 | 5.95 | 2.07 | 6.30 | 2.07 | 6.53 | 2.07 |

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5·m
   Level difference: ·0·m
2. The bold cells indicate the standard conditios.
3. The values above are for connecting with the following indoor unit types:
   · 2.0, 2.5, 3.5, 4.2 · kW class
   Wall-mountend ·FTXM-M· series
4. Editable data for this drawing are available in ·GDE· system.

Symbols

TC: Total capacity [kW]
PI: Power input [kW]
① Indoor unit combinations
② Outdoor air temperature [° C DB]

**3D105330**

# 6 Capacity tables

## 6 - 2 Heating Capacity Tables



### 4MWXM-A9

Heating (50Hz 230V)

| ① | ② | Indoor air temperature [°C DB] 16°C TC | 16°C PI | 18°C TC | 18°C PI | 20°C TC | 20°C PI | 21°C TC | 21°C PI | 22°C TC | 22°C PI | 24°C TC | 24°C PI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 1.5 | -15.0 | 1.73 | 0.86 | 1.67 | 0.87 | 1.62 | 0.88 | 1.60 | 0.89 | 1.57 | 0.89 | 1.52 | 0.90 |
| | -10.0 | 2.15 | 0.91 | 2.10 | 0.92 | 2.04 | 0.93 | 2.02 | 0.94 | 1.99 | 0.94 | 1.94 | 0.95 |
| | -5.0 | 2.57 | 0.96 | 2.52 | 0.97 | 2.47 | 0.98 | 2.44 | 0.99 | 2.42 | 0.99 | 2.36 | 1.00 |
| | 0.0 | 3.00 | 1.01 | 2.94 | 1.02 | 2.89 | 1.03 | 2.87 | 1.04 | 2.84 | 1.04 | 2.79 | 1.05 |
| | 6.0 | 3.50 | 1.07 | 3.45 | 1.08 | 3.40 | 1.09 | 3.37 | 1.10 | 3.35 | 1.10 | 3.30 | 1.11 |
| | 10.0 | 3.84 | 1.11 | 3.79 | 1.12 | 3.74 | 1.13 | 3.71 | 1.13 | 3.69 | 1.14 | 3.64 | 1.15 |
| | 15.0 | 4.27 | 1.16 | 4.21 | 1.17 | 4.16 | 1.18 | 4.14 | 1.18 | 4.11 | 1.19 | 4.06 | 1.20 |
| 2.0 | -15.0 | 2.13 | 1.04 | 2.07 | 1.05 | 2.02 | 1.06 | 2.00 | 1.07 | 1.97 | 1.07 | 1.92 | 1.08 |
| | -10.0 | 2.55 | 1.09 | 2.50 | 1.10 | 2.44 | 1.11 | 2.42 | 1.12 | 2.39 | 1.12 | 2.34 | 1.13 |
| | -5.0 | 2.97 | 1.14 | 2.92 | 1.15 | 2.87 | 1.16 | 2.84 | 1.17 | 2.82 | 1.17 | 2.76 | 1.18 |
| | 0.0 | 3.40 | 1.19 | 3.34 | 1.20 | 3.29 | 1.21 | 3.27 | 1.22 | 3.24 | 1.22 | 3.19 | 1.23 |
| | 6.0 | 3.90 | 1.25 | 3.85 | 1.26 | 3.80 | 1.27 | 3.77 | 1.28 | 3.75 | 1.28 | 3.70 | 1.29 |
| | 10.0 | 4.24 | 1.29 | 4.19 | 1.30 | 4.14 | 1.31 | 4.11 | 1.31 | 4.09 | 1.32 | 4.04 | 1.33 |
| | 15.0 | 4.67 | 1.34 | 4.61 | 1.35 | 4.56 | 1.36 | 4.54 | 1.36 | 4.51 | 1.37 | 4.46 | 1.38 |
| 2.5 | -15.0 | 2.53 | 1.13 | 2.47 | 1.14 | 2.42 | 1.15 | 2.40 | 1.16 | 2.37 | 1.16 | 2.32 | 1.17 |
| | -10.0 | 2.95 | 1.18 | 2.90 | 1.19 | 2.84 | 1.20 | 2.82 | 1.21 | 2.79 | 1.21 | 2.74 | 1.22 |
| | -5.0 | 3.37 | 1.23 | 3.32 | 1.24 | 3.27 | 1.25 | 3.24 | 1.30 | 3.22 | 1.30 | 3.16 | 1.31 |
| | 0.0 | 3.80 | 1.28 | 3.74 | 1.29 | 3.69 | 1.30 | 3.67 | 1.31 | 3.64 | 1.31 | 3.59 | 1.32 |
| | 6.0 | 4.30 | 1.34 | 4.25 | 1.35 | 4.20 | 1.36 | 4.17 | 1.37 | 4.15 | 1.37 | 4.10 | 1.38 |
| | 10.0 | 4.64 | 1.38 | 4.59 | 1.39 | 4.54 | 1.40 | 4.51 | 1.40 | 4.49 | 1.41 | 4.44 | 1.42 |
| | 15.0 | 5.07 | 1.43 | 5.01 | 1.44 | 4.96 | 1.45 | 4.94 | 1.45 | 4.91 | 1.46 | 4.86 | 1.47 |
| 3.5 | -15.0 | 2.65 | 1.42 | 2.58 | 1.43 | 2.51 | 1.45 | 2.48 | 1.46 | 2.45 | 1.46 | 2.38 | 1.48 |
| | -10.0 | 3.19 | 1.49 | 3.12 | 1.50 | 3.06 | 1.52 | 3.03 | 1.53 | 2.99 | 1.53 | 2.93 | 1.55 |
| | -5.0 | 3.74 | 1.56 | 3.67 | 1.57 | 3.60 | 1.59 | 3.57 | 1.60 | 3.54 | 1.60 | 3.47 | 1.62 |
| | 0.0 | 4.28 | 1.63 | 4.21 | 1.64 | 4.15 | 1.66 | 4.11 | 1.66 | 4.08 | 1.67 | 4.01 | 1.69 |
| | 6.0 | 4.93 | 1.71 | 4.87 | 1.72 | 4.80 | 1.74 | 4.77 | 1.75 | 4.73 | 1.76 | 4.67 | 1.77 |
| | 10.0 | 5.37 | 1.77 | 5.30 | 1.78 | 5.24 | 1.80 | 5.20 | 1.80 | 5.17 | 1.81 | 5.10 | 1.83 |
| | 15.0 | 5.91 | 1.83 | 5.85 | 1.85 | 5.78 | 1.86 | 5.75 | 1.87 | 5.71 | 1.88 | 5.65 | 1.89 |
| 4.2 | -15.0 | 3.45 | 1.71 | 3.38 | 1.72 | 3.31 | 1.74 | 3.28 | 1.75 | 3.25 | 1.75 | 3.18 | 1.77 |
| | -10.0 | 3.99 | 1.78 | 3.92 | 1.79 | 3.86 | 1.81 | 3.83 | 1.82 | 3.79 | 1.82 | 3.73 | 1.84 |
| | -5.0 | 4.54 | 1.85 | 4.47 | 1.86 | 4.40 | 1.88 | 4.37 | 1.89 | 4.34 | 1.89 | 4.27 | 1.91 |
| | 0.0 | 5.08 | 1.92 | 5.01 | 1.93 | 4.95 | 1.95 | 4.91 | 1.95 | 4.88 | 1.96 | 4.81 | 1.98 |
| | 6.0 | 5.73 | 2.00 | 5.67 | 2.01 | 5.60 | 2.03 | 5.57 | 2.04 | 5.53 | 2.05 | 5.47 | 2.06 |
| | 10.0 | 6.17 | 2.06 | 6.10 | 2.07 | 6.04 | 2.09 | 6.00 | 2.09 | 5.97 | 2.10 | 5.90 | 2.12 |
| | 15.0 | 6.71 | 2.12 | 6.65 | 2.14 | 6.58 | 2.15 | 6.55 | 2.16 | 6.51 | 2.17 | 6.45 | 2.18 |
| 5.0 | -15.0 | 3.77 | 2.09 | 3.67 | 2.11 | 3.58 | 2.13 | 3.53 | 2.14 | 3.49 | 2.16 | 3.39 | 2.18 |
| | -10.0 | 4.53 | 2.19 | 4.44 | 2.22 | 4.35 | 2.24 | 4.30 | 2.25 | 4.25 | 2.26 | 4.16 | 2.29 |
| | -5.0 | 5.30 | 2.30 | 5.21 | 2.32 | 5.11 | 2.35 | 5.07 | 2.36 | 5.02 | 2.37 | 4.93 | 2.39 |
| | 0.0 | 6.07 | 2.41 | 5.97 | 2.43 | 5.88 | 2.45 | 5.83 | 2.46 | 5.79 | 2.48 | 5.69 | 2.50 |
| | 6.0 | 6.99 | 2.53 | 6.89 | 2.56 | 6.80 | 2.58 | 6.75 | 2.59 | 6.71 | 2.60 | 6.61 | 2.63 |
| | 10.0 | 7.60 | 2.62 | 7.51 | 2.64 | 7.41 | 2.67 | 7.34 | 2.68 | 7.16 | 2.69 | 6.80 | 2.72 |
| | 15.0 | 8.23 | 2.63 | 7.87 | 2.66 | 7.51 | 2.69 | 7.44 | 2.70 | 7.26 | 2.71 | 6.90 | 2.74 |

| ① | ② | Indoor air temperature [°C DB] 16°C TC | 16°C PI | 18°C TC | 18°C PI | 20°C TC | 20°C PI | 21°C TC | 21°C PI | 22°C TC | 22°C PI | 24°C TC | 24°C PI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 1.5+1.5 | -15.0 | 2.67 | 1.18 | 2.58 | 1.21 | 2.48 | 1.23 | 2.43 | 1.24 | 2.38 | 1.25 | 2.29 | 1.27 |
| | -10.0 | 3.46 | 1.28 | 3.37 | 1.30 | 3.27 | 1.32 | 3.22 | 1.33 | 3.17 | 1.34 | 3.08 | 1.36 |
| | -5.0 | 4.25 | 1.37 | 4.16 | 1.39 | 4.06 | 1.41 | 4.01 | 1.42 | 3.96 | 1.43 | 3.87 | 1.45 |
| | 0.0 | 5.04 | 1.47 | 4.95 | 1.49 | 4.85 | 1.51 | 4.80 | 1.52 | 4.75 | 1.53 | 4.66 | 1.55 |
| | 6.0 | 5.99 | 1.58 | 5.90 | 1.60 | 5.80 | 1.62 | 5.75 | 1.63 | 5.70 | 1.64 | 5.61 | 1.66 |
| | 10.0 | 6.63 | 1.65 | 6.53 | 1.67 | 6.43 | 1.70 | 6.38 | 1.71 | 6.34 | 1.72 | 6.24 | 1.74 |
| | 15.0 | 7.42 | 1.75 | 7.32 | 1.77 | 7.22 | 1.79 | 7.17 | 1.80 | 7.13 | 1.81 | 7.03 | 1.83 |
| 1.5+2.0 | -15.0 | 2.67 | 1.16 | 2.58 | 1.19 | 2.48 | 1.21 | 2.43 | 1.22 | 2.38 | 1.23 | 2.29 | 1.25 |
| | -10.0 | 3.46 | 1.26 | 3.37 | 1.28 | 3.27 | 1.30 | 3.22 | 1.31 | 3.17 | 1.32 | 3.08 | 1.34 |
| | -5.0 | 4.25 | 1.35 | 4.16 | 1.37 | 4.06 | 1.39 | 4.01 | 1.40 | 3.96 | 1.41 | 3.87 | 1.43 |
| | 0.0 | 5.04 | 1.45 | 4.95 | 1.47 | 4.85 | 1.49 | 4.80 | 1.50 | 4.75 | 1.51 | 4.66 | 1.53 |
| | 6.0 | 5.99 | 1.56 | 5.90 | 1.58 | 5.80 | 1.60 | 5.75 | 1.61 | 5.70 | 1.62 | 5.61 | 1.64 |
| | 10.0 | 6.63 | 1.63 | 6.53 | 1.65 | 6.43 | 1.68 | 6.38 | 1.69 | 6.34 | 1.70 | 6.24 | 1.72 |
| | 15.0 | 7.42 | 1.73 | 7.32 | 1.75 | 7.22 | 1.77 | 7.17 | 1.78 | 7.13 | 1.79 | 7.03 | 1.81 |
| 1.5+2.5 | -15.0 | 3.77 | 1.63 | 3.68 | 1.65 | 3.58 | 1.67 | 3.53 | 1.68 | 3.48 | 1.69 | 3.39 | 1.71 |
| | -10.0 | 4.56 | 1.72 | 4.47 | 1.74 | 4.37 | 1.76 | 4.32 | 1.77 | 4.27 | 1.78 | 4.18 | 1.80 |
| | -5.0 | 5.35 | 1.82 | 5.26 | 1.84 | 5.16 | 1.86 | 5.11 | 1.87 | 5.06 | 1.88 | 4.97 | 1.90 |
| | 0.0 | 6.14 | 1.91 | 6.05 | 1.93 | 5.95 | 1.95 | 5.90 | 1.96 | 5.85 | 1.97 | 5.76 | 1.99 |
| | 6.0 | 7.09 | 2.02 | 7.00 | 2.04 | 6.90 | 2.06 | 6.85 | 2.07 | 6.80 | 2.08 | 6.71 | 2.10 |
| | 10.0 | 7.73 | 2.09 | 7.63 | 2.11 | 7.53 | 2.13 | 7.48 | 2.14 | 7.44 | 2.15 | 7.34 | 2.17 |
| | 15.0 | 8.52 | 2.19 | 8.42 | 2.21 | 8.32 | 2.23 | 8.27 | 2.24 | 8.23 | 2.25 | 8.13 | 2.27 |
| 1.5+3.5 | -15.0 | 3.86 | 1.81 | 3.76 | 1.84 | 3.66 | 1.86 | 3.61 | 1.87 | 3.56 | 1.88 | 3.47 | 1.90 |
| | -10.0 | 4.65 | 1.91 | 4.55 | 1.93 | 4.46 | 1.95 | 4.41 | 1.96 | 4.36 | 1.97 | 4.26 | 1.99 |
| | -5.0 | 5.45 | 2.00 | 5.35 | 2.02 | 5.25 | 2.04 | 5.20 | 2.05 | 5.15 | 2.06 | 5.06 | 2.08 |
| | 0.0 | 6.24 | 2.10 | 6.14 | 2.12 | 6.05 | 2.14 | 6.00 | 2.15 | 5.95 | 2.16 | 5.85 | 2.18 |
| | 6.0 | 7.19 | 2.21 | 7.10 | 2.23 | 7.00 | 2.25 | 6.95 | 2.26 | 6.90 | 2.27 | 6.81 | 2.29 |
| | 10.0 | 7.83 | 2.28 | 7.73 | 2.30 | 7.64 | 2.33 | 7.59 | 2.34 | 7.54 | 2.35 | 7.44 | 2.37 |
| | 15.0 | 8.63 | 2.38 | 8.53 | 2.40 | 8.43 | 2.42 | 8.38 | 2.43 | 8.33 | 2.44 | 8.24 | 2.46 |
| 1.5+4.2 | -15.0 | 3.86 | 1.79 | 3.76 | 1.82 | 3.66 | 1.84 | 3.61 | 1.85 | 3.56 | 1.86 | 3.47 | 1.88 |
| | -10.0 | 4.65 | 1.89 | 4.55 | 1.91 | 4.46 | 1.93 | 4.41 | 1.94 | 4.36 | 1.95 | 4.26 | 1.97 |
| | -5.0 | 5.45 | 1.98 | 5.35 | 2.00 | 5.25 | 2.02 | 5.20 | 2.03 | 5.15 | 2.04 | 5.06 | 2.06 |
| | 0.0 | 6.24 | 2.08 | 6.14 | 2.10 | 6.05 | 2.12 | 6.00 | 2.13 | 5.95 | 2.14 | 5.85 | 2.16 |
| | 6.0 | 7.19 | 2.19 | 7.10 | 2.21 | 7.00 | 2.23 | 6.95 | 2.24 | 6.90 | 2.25 | 6.81 | 2.27 |
| | 10.0 | 7.83 | 2.26 | 7.73 | 2.28 | 7.64 | 2.31 | 7.59 | 2.32 | 7.54 | 2.33 | 7.44 | 2.35 |
| | 15.0 | 8.63 | 2.36 | 8.53 | 2.38 | 8.43 | 2.40 | 8.38 | 2.41 | 8.33 | 2.42 | 8.24 | 2.44 |
| 1.5+5.0 | -15.0 | 3.98 | 1.86 | 3.88 | 1.88 | 3.79 | 1.90 | 3.74 | 1.91 | 3.69 | 1.92 | 3.59 | 1.94 |
| | -10.0 | 4.80 | 1.95 | 4.70 | 1.97 | 4.60 | 1.99 | 4.55 | 2.00 | 4.50 | 2.02 | 4.40 | 2.04 |
| | -5.0 | 5.61 | 2.05 | 5.51 | 2.07 | 5.41 | 2.09 | 5.36 | 2.10 | 5.31 | 2.11 | 5.21 | 2.13 |
| | 0.0 | 6.42 | 2.14 | 6.32 | 2.16 | 6.22 | 2.19 | 6.17 | 2.20 | 6.12 | 2.21 | 6.03 | 2.23 |
| | 6.0 | 7.40 | 2.26 | 7.30 | 2.28 | 7.20 | 2.30 | 7.15 | 2.31 | 7.10 | 2.32 | 7.00 | 2.34 |
| | 10.0 | 8.05 | 2.33 | 7.95 | 2.36 | 7.85 | 2.38 | 7.80 | 2.39 | 7.75 | 2.40 | 7.65 | 2.42 |
| | 15.0 | 8.86 | 2.43 | 8.76 | 2.45 | 8.66 | 2.47 | 8.61 | 2.48 | 8.56 | 2.49 | 8.46 | 2.51 |

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5m
   Level difference: 0m
2. The bold cells indicate the standard conditios.
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-mountend CTXM-M, FTXM-M series

Symbols

TC: Total capacity [kW]
PI: Power input [kW]
① Indoor unit combinations
② Outdoor air temperature [° C WB]

**3D105331A**

### 4MWXM-A9

Heating (50Hz 230V)

| ① | ② | Indoor air temperature [°C DB] 16°C TC | 16°C PI | 18°C TC | 18°C PI | 20°C TC | 20°C PI | 21°C TC | 21°C PI | 22°C TC | 22°C PI | 24°C TC | 24°C PI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 2.0+2.0 | -15.0 | 3.87 | 1.82 | 3.78 | 1.85 | 3.68 | 1.87 | 3.63 | 1.88 | 3.58 | 1.89 | 3.49 | 1.91 |
| | -10.0 | 4.66 | 1.92 | 4.57 | 1.94 | 4.47 | 1.96 | 4.42 | 1.97 | 4.37 | 1.98 | 4.28 | 2.00 |
| | -5.0 | 5.45 | 2.01 | 5.36 | 2.03 | 5.26 | 2.05 | 5.21 | 2.06 | 5.16 | 2.07 | 5.07 | 2.09 |
| | 0.0 | 6.24 | 2.11 | 6.15 | 2.13 | 6.05 | 2.15 | 6.00 | 2.16 | 5.95 | 2.17 | 5.86 | 2.19 |
| | 6.0 | 7.19 | 2.22 | 7.10 | 2.24 | 7.00 | 2.26 | 6.95 | 2.27 | 6.90 | 2.28 | 6.81 | 2.30 |
| | 10.0 | 7.83 | 2.29 | 7.73 | 2.31 | 7.63 | 2.34 | 7.58 | 2.35 | 7.54 | 2.36 | 7.44 | 2.38 |
| | 15.0 | 8.62 | 2.39 | 8.52 | 2.41 | 8.42 | 2.43 | 8.37 | 2.44 | 8.33 | 2.45 | 8.23 | 2.47 |
| 2.0+2.5 | -15.0 | 3.87 | 1.81 | 3.78 | 1.84 | 3.68 | 1.86 | 3.63 | 1.87 | 3.58 | 1.88 | 3.49 | 1.90 |
| | -10.0 | 4.66 | 1.91 | 4.57 | 1.93 | 4.47 | 1.95 | 4.42 | 1.96 | 4.37 | 1.97 | 4.28 | 1.99 |
| | -5.0 | 5.45 | 2.00 | 5.36 | 2.02 | 5.26 | 2.04 | 5.21 | 2.05 | 5.16 | 2.06 | 5.07 | 2.08 |
| | 0.0 | 6.24 | 2.10 | 6.15 | 2.12 | 6.05 | 2.14 | 6.00 | 2.15 | 5.95 | 2.16 | 5.86 | 2.18 |
| | 6.0 | 7.19 | 2.21 | 7.10 | 2.23 | 7.00 | 2.25 | 6.95 | 2.26 | 6.90 | 2.27 | 6.81 | 2.29 |
| | 10.0 | 7.83 | 2.28 | 7.73 | 2.30 | 7.63 | 2.33 | 7.58 | 2.34 | 7.54 | 2.35 | 7.44 | 2.37 |
| | 15.0 | 8.62 | 2.38 | 8.52 | 2.40 | 8.42 | 2.42 | 8.37 | 2.43 | 8.33 | 2.44 | 8.23 | 2.46 |
| 2.0+3.5 | -15.0 | 3.96 | 1.82 | 3.86 | 1.85 | 3.76 | 1.87 | 3.71 | 1.88 | 3.66 | 1.89 | 3.57 | 1.91 |
| | -10.0 | 4.75 | 1.92 | 4.65 | 1.94 | 4.56 | 1.96 | 4.51 | 1.97 | 4.46 | 1.98 | 4.36 | 2.00 |
| | -5.0 | 5.55 | 2.01 | 5.45 | 2.03 | 5.35 | 2.05 | 5.30 | 2.06 | 5.25 | 2.07 | 5.16 | 2.09 |
| | 0.0 | 6.34 | 2.11 | 6.24 | 2.13 | 6.15 | 2.15 | 6.10 | 2.16 | 6.05 | 2.17 | 5.95 | 2.19 |
| | 6.0 | 7.29 | 2.22 | 7.20 | 2.24 | 7.10 | 2.26 | 7.05 | 2.27 | 7.00 | 2.28 | 6.91 | 2.30 |
| | 10.0 | 7.93 | 2.29 | 7.83 | 2.31 | 7.74 | 2.34 | 7.69 | 2.35 | 7.64 | 2.36 | 7.54 | 2.38 |
| | 15.0 | 8.73 | 2.39 | 8.63 | 2.41 | 8.53 | 2.43 | 8.48 | 2.44 | 8.43 | 2.45 | 8.34 | 2.47 |
| 2.0+4.2 | -15.0 | 3.96 | 1.80 | 3.86 | 1.83 | 3.76 | 1.85 | 3.71 | 1.86 | 3.66 | 1.87 | 3.57 | 1.89 |
| | -10.0 | 4.75 | 1.90 | 4.65 | 1.92 | 4.56 | 1.94 | 4.51 | 1.95 | 4.46 | 1.96 | 4.36 | 1.98 |
| | -5.0 | 5.55 | 1.99 | 5.45 | 2.01 | 5.35 | 2.03 | 5.30 | 2.04 | 5.25 | 2.05 | 5.16 | 2.07 |
| | 0.0 | 6.34 | 2.09 | 6.24 | 2.11 | 6.15 | 2.13 | 6.10 | 2.14 | 6.05 | 2.15 | 5.95 | 2.17 |
| | 6.0 | 7.29 | 2.20 | 7.20 | 2.22 | 7.10 | 2.24 | 7.05 | 2.25 | 7.00 | 2.26 | 6.91 | 2.28 |
| | 10.0 | 7.93 | 2.27 | 7.83 | 2.29 | 7.74 | 2.32 | 7.69 | 2.33 | 7.64 | 2.34 | 7.54 | 2.36 |
| | 15.0 | 8.73 | 2.37 | 8.63 | 2.39 | 8.53 | 2.41 | 8.48 | 2.42 | 8.43 | 2.43 | 8.34 | 2.45 |
| 2.0+5.0 | -15.0 | 4.02 | 1.84 | 3.92 | 1.86 | 3.81 | 1.88 | 3.76 | 1.89 | 3.71 | 1.90 | 3.61 | 1.92 |
| | -10.0 | 4.85 | 1.93 | 4.75 | 1.95 | 4.64 | 1.97 | 4.59 | 1.98 | 4.54 | 2.00 | 4.44 | 2.02 |
| | -5.0 | 5.58 | 2.03 | 5.48 | 2.05 | 5.37 | 2.07 | 5.32 | 2.08 | 5.27 | 2.09 | 5.17 | 2.11 |
| | 0.0 | 6.41 | 2.12 | 6.31 | 2.14 | 6.20 | 2.17 | 6.15 | 2.18 | 6.10 | 2.19 | 6.00 | 2.21 |
| | 6.0 | 7.40 | 2.24 | 7.30 | 2.26 | 7.20 | 2.28 | 7.15 | 2.29 | 7.10 | 2.30 | 7.00 | 2.32 |
| | 10.0 | 8.07 | 2.31 | 7.97 | 2.34 | 7.86 | 2.36 | 7.81 | 2.37 | 7.76 | 2.38 | 7.66 | 2.40 |
| | 15.0 | 8.90 | 2.41 | 8.80 | 2.43 | 8.69 | 2.45 | 8.64 | 2.46 | 8.59 | 2.47 | 8.49 | 2.49 |
| 2.5+2.5 | -15.0 | 3.87 | 1.79 | 3.78 | 1.82 | 3.68 | 1.84 | 3.63 | 1.85 | 3.58 | 1.86 | 3.49 | 1.88 |
| | -10.0 | 4.66 | 1.89 | 4.57 | 1.91 | 4.47 | 1.93 | 4.42 | 1.94 | 4.37 | 1.95 | 4.28 | 1.97 |
| | -5.0 | 5.45 | 1.98 | 5.36 | 2.00 | 5.26 | 2.02 | 5.21 | 2.03 | 5.16 | 2.04 | 5.07 | 2.06 |
| | 0.0 | 6.24 | 2.08 | 6.15 | 2.10 | 6.05 | 2.12 | 6.00 | 2.13 | 5.95 | 2.14 | 5.86 | 2.16 |
| | 6.0 | 7.19 | 2.19 | 7.10 | 2.21 | 7.00 | 2.23 | 6.95 | 2.24 | 6.90 | 2.25 | 6.81 | 2.27 |
| | 10.0 | 7.83 | 2.26 | 7.73 | 2.28 | 7.63 | 2.31 | 7.58 | 2.32 | 7.54 | 2.33 | 7.44 | 2.35 |
| | 15.0 | 8.62 | 2.36 | 8.52 | 2.38 | 8.42 | 2.40 | 8.37 | 2.41 | 8.33 | 2.42 | 8.23 | 2.44 |

| ① | ② | Indoor air temperature [°C DB] 16°C TC | 16°C PI | 18°C TC | 18°C PI | 20°C TC | 20°C PI | 21°C TC | 21°C PI | 22°C TC | 22°C PI | 24°C TC | 24°C PI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 2.5+3.5 | -15.0 | 4.06 | 1.91 | 3.96 | 1.94 | 3.86 | 1.96 | 3.81 | 1.97 | 3.76 | 1.98 | 3.67 | 2.00 |
| | -10.0 | 4.85 | 2.01 | 4.75 | 2.03 | 4.66 | 2.05 | 4.61 | 2.06 | 4.56 | 2.07 | 4.46 | 2.09 |
| | -5.0 | 5.65 | 2.10 | 5.55 | 2.12 | 5.45 | 2.14 | 5.40 | 2.15 | 5.35 | 2.16 | 5.26 | 2.18 |
| | 0.0 | 6.44 | 2.20 | 6.34 | 2.22 | 6.25 | 2.24 | 6.20 | 2.25 | 6.15 | 2.26 | 6.05 | 2.28 |
| | 6.0 | 7.39 | 2.31 | 7.30 | 2.33 | 7.20 | 2.35 | 7.15 | 2.36 | 7.10 | 2.37 | 7.01 | 2.39 |
| | 10.0 | 8.03 | 2.38 | 7.93 | 2.40 | 7.84 | 2.43 | 7.79 | 2.44 | 7.74 | 2.45 | 7.64 | 2.47 |
| | 15.0 | 8.83 | 2.48 | 8.73 | 2.50 | 8.63 | 2.52 | 8.58 | 2.53 | 8.53 | 2.54 | 8.44 | 2.56 |
| 2.5+4.2 | -15.0 | 4.06 | 1.89 | 3.96 | 1.92 | 3.86 | 1.94 | 3.81 | 1.95 | 3.76 | 1.96 | 3.67 | 1.98 |
| | -10.0 | 4.85 | 1.99 | 4.75 | 2.01 | 4.66 | 2.03 | 4.61 | 2.04 | 4.56 | 2.05 | 4.46 | 2.07 |
| | -5.0 | 5.65 | 2.08 | 5.55 | 2.10 | 5.45 | 2.12 | 5.40 | 2.13 | 5.35 | 2.14 | 5.26 | 2.16 |
| | 0.0 | 6.44 | 2.18 | 6.34 | 2.20 | 6.25 | 2.22 | 6.20 | 2.23 | 6.15 | 2.24 | 6.05 | 2.26 |
| | 6.0 | 7.39 | 2.29 | 7.30 | 2.31 | 7.20 | 2.33 | 7.15 | 2.34 | 7.10 | 2.35 | 7.01 | 2.37 |
| | 10.0 | 8.03 | 2.36 | 7.93 | 2.38 | 7.84 | 2.41 | 7.79 | 2.42 | 7.74 | 2.43 | 7.64 | 2.45 |
| | 15.0 | 8.83 | 2.46 | 8.73 | 2.48 | 8.63 | 2.50 | 8.58 | 2.51 | 8.53 | 2.52 | 8.44 | 2.54 |
| 2.5+5.0 | -15.0 | 4.18 | 1.89 | 4.08 | 1.92 | 3.99 | 1.94 | 3.94 | 1.95 | 3.89 | 1.96 | 3.79 | 1.98 |
| | -10.0 | 5.00 | 1.99 | 4.90 | 2.01 | 4.80 | 2.03 | 4.75 | 2.04 | 4.70 | 2.05 | 4.60 | 2.07 |
| | -5.0 | 5.81 | 2.08 | 5.71 | 2.10 | 5.61 | 2.12 | 5.56 | 2.13 | 5.51 | 2.14 | 5.41 | 2.16 |
| | 0.0 | 6.62 | 2.18 | 6.52 | 2.20 | 6.42 | 2.22 | 6.37 | 2.23 | 6.32 | 2.24 | 6.23 | 2.26 |
| | 6.0 | 7.60 | 2.29 | 7.50 | 2.31 | 7.40 | 2.33 | 7.35 | 2.34 | 7.30 | 2.35 | 7.20 | 2.37 |
| | 10.0 | 8.25 | 2.36 | 8.15 | 2.39 | 8.05 | 2.41 | 8.00 | 2.42 | 7.95 | 2.43 | 7.85 | 2.45 |
| | 15.0 | 9.06 | 2.46 | 8.96 | 2.48 | 8.86 | 2.50 | 8.81 | 2.51 | 8.76 | 2.52 | 8.66 | 2.54 |
| 3.5+3.5 | -15.0 | 4.08 | 1.93 | 3.98 | 1.95 | 3.88 | 1.97 | 3.83 | 1.98 | 3.78 | 1.99 | 3.68 | 2.02 |
| | -10.0 | 4.89 | 2.03 | 4.79 | 2.05 | 4.69 | 2.07 | 4.64 | 2.08 | 4.59 | 2.09 | 4.49 | 2.11 |
| | -5.0 | 5.71 | 2.12 | 5.61 | 2.15 | 5.51 | 2.17 | 5.46 | 2.18 | 5.41 | 2.19 | 5.31 | 2.21 |
| | 0.0 | 6.52 | 2.22 | 6.42 | 2.24 | 6.32 | 2.26 | 6.27 | 2.27 | 6.22 | 2.29 | 6.12 | 2.31 |
| | 6.0 | 7.50 | 2.34 | 7.40 | 2.36 | 7.30 | 2.38 | 7.25 | 2.39 | 7.20 | 2.40 | 7.10 | 2.42 |
| | 10.0 | 8.15 | 2.42 | 8.05 | 2.44 | 7.95 | 2.46 | 7.90 | 2.47 | 7.85 | 2.48 | 7.75 | 2.50 |
| | 15.0 | 8.97 | 2.51 | 8.87 | 2.53 | 8.77 | 2.55 | 8.72 | 2.56 | 8.67 | 2.58 | 8.57 | 2.60 |
| 3.5+4.2 | -15.0 | 4.08 | 1.91 | 3.98 | 1.93 | 3.88 | 1.95 | 3.83 | 1.96 | 3.78 | 1.97 | 3.68 | 2.00 |
| | -10.0 | 4.89 | 2.01 | 4.79 | 2.03 | 4.69 | 2.05 | 4.64 | 2.06 | 4.59 | 2.07 | 4.49 | 2.09 |
| | -5.0 | 5.71 | 2.10 | 5.61 | 2.13 | 5.51 | 2.15 | 5.46 | 2.16 | 5.41 | 2.17 | 5.31 | 2.19 |
| | 0.0 | 6.52 | 2.20 | 6.42 | 2.22 | 6.32 | 2.24 | 6.27 | 2.25 | 6.22 | 2.27 | 6.12 | 2.29 |
| | 6.0 | 7.50 | 2.32 | 7.40 | 2.34 | 7.30 | 2.36 | 7.25 | 2.37 | 7.20 | 2.38 | 7.10 | 2.40 |
| | 10.0 | 8.15 | 2.40 | 8.05 | 2.42 | 7.95 | 2.44 | 7.90 | 2.45 | 7.85 | 2.46 | 7.75 | 2.48 |
| | 15.0 | 8.97 | 2.49 | 8.87 | 2.51 | 8.77 | 2.53 | 8.72 | 2.54 | 8.67 | 2.56 | 8.57 | 2.58 |
| 3.5+5.0 | -15.0 | 4.15 | 1.86 | 4.05 | 1.88 | 3.94 | 1.90 | 3.89 | 1.91 | 3.84 | 1.92 | 3.74 | 1.94 |
| | -10.0 | 5.00 | 1.95 | 4.89 | 1.97 | 4.79 | 2.00 | 4.74 | 2.01 | 4.69 | 2.02 | 4.58 | 2.04 |
| | -5.0 | 5.84 | 2.05 | 5.74 | 2.07 | 5.64 | 2.09 | 5.59 | 2.10 | 5.53 | 2.11 | 5.43 | 2.13 |
| | 0.0 | 6.69 | 2.14 | 6.59 | 2.17 | 6.48 | 2.19 | 6.43 | 2.20 | 6.38 | 2.21 | 6.28 | 2.23 |
| | 6.0 | 7.71 | 2.26 | 7.60 | 2.28 | 7.50 | 2.30 | 7.45 | 2.31 | 7.40 | 2.32 | 7.29 | 2.34 |
| | 10.0 | 8.38 | 2.33 | 8.28 | 2.36 | 8.18 | 2.38 | 8.13 | 2.39 | 8.07 | 2.40 | 7.97 | 2.42 |
| | 15.0 | 9.23 | 2.43 | 9.13 | 2.45 | 9.02 | 2.47 | 8.97 | 2.48 | 8.92 | 2.49 | 8.82 | 2.51 |

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5m
   Level difference: 0m
2. The bold cells indicate the standard conditios.
3. The values above are for connecting with the following indoor unit types:
   2.0, 2.5, 3.5, 4.2, 5.0 kW class
   Wall-mountend FTXM-M series

Symbols

TC: Total capacity [kW]
PI: Power input [kW]
① Indoor unit combinations
② Outdoor air temperature [° C WB]

**3D105332A**

# 6 Capacity tables

## 6 - 2 Heating Capacity Tables



**4MWXM-A9**

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+4.2 | -15.0 | 4.08 | 190 | 3.98 | 192 | 3.88 | 194 | 3.83 | 195 | 3.78 | 196 | 3.68 | 199 |
| | -10.0 | 4.89 | 2.00 | 4.79 | 2.02 | 4.69 | 2.04 | 4.64 | 2.05 | 4.59 | 2.06 | 4.49 | 2.08 |
| | -5.0 | 5.71 | 2.09 | 5.61 | 2.12 | 5.51 | 2.14 | 5.46 | 2.15 | 5.41 | 2.16 | 5.31 | 2.18 |
| | 0.0 | 6.52 | 2.19 | 6.42 | 2.21 | 6.32 | 2.23 | 6.27 | 2.24 | 6.22 | 2.26 | 6.12 | 2.28 |
| | 6.0 | 7.50 | 2.31 | 7.40 | 2.33 | 7.30 | 2.35 | 7.25 | 2.36 | 7.20 | 2.37 | 7.10 | 2.39 |
| | 10.0 | 8.15 | 2.39 | 8.05 | 2.41 | 7.95 | 2.43 | 7.90 | 2.44 | 7.85 | 2.45 | 7.75 | 2.47 |
| | 15.0 | 8.97 | 2.48 | 8.87 | 2.50 | 8.77 | 2.52 | 8.72 | 2.53 | 8.67 | 2.55 | 8.57 | 2.57 |
| 1.5+1.5+1.5 | -15.0 | 4.42 | 171 | 4.31 | 173 | 4.20 | 175 | 4.14 | 176 | 4.09 | 177 | 3.97 | 179 |
| | -10.0 | 5.32 | 180 | 5.21 | 182 | 5.10 | 184 | 5.05 | 185 | 4.99 | 186 | 4.88 | 188 |
| | -5.0 | 6.23 | 189 | 6.12 | 191 | 6.01 | 193 | 5.95 | 194 | 5.90 | 195 | 5.79 | 196 |
| | 0.0 | 7.13 | 198 | 7.02 | 199 | 6.91 | 2.01 | 6.86 | 2.02 | 6.80 | 2.03 | 6.69 | 2.05 |
| | 6.0 | 8.22 | 2.08 | 8.11 | 2.10 | 8.00 | 2.12 | 7.94 | 2.13 | 7.89 | 2.14 | 7.78 | 2.16 |
| | 10.0 | 8.95 | 2.15 | 8.84 | 2.17 | 8.72 | 2.19 | 8.67 | 2.20 | 8.61 | 2.21 | 8.50 | 2.23 |
| | 15.0 | 9.85 | 2.24 | 9.74 | 2.26 | 9.63 | 2.28 | 9.57 | 2.29 | 9.52 | 2.30 | 9.41 | 2.32 |
| 1.5+1.5+2.0 | -15.0 | 4.42 | 169 | 4.31 | 171 | 4.20 | 173 | 4.14 | 174 | 4.09 | 175 | 3.97 | 177 |
| | -10.0 | 5.32 | 178 | 5.21 | 180 | 5.10 | 182 | 5.05 | 183 | 4.99 | 184 | 4.88 | 186 |
| | -5.0 | 6.23 | 187 | 6.12 | 189 | 6.01 | 191 | 5.95 | 192 | 5.90 | 193 | 5.79 | 194 |
| | 0.0 | 7.13 | 196 | 7.02 | 197 | 6.91 | 199 | 6.86 | 2.00 | 6.80 | 2.01 | 6.69 | 2.03 |
| | 6.0 | 8.22 | 2.06 | 8.11 | 2.08 | 8.00 | 2.10 | 7.94 | 2.11 | 7.89 | 2.12 | 7.78 | 2.14 |
| | 10.0 | 8.95 | 2.13 | 8.84 | 2.15 | 8.72 | 2.17 | 8.67 | 2.18 | 8.61 | 2.19 | 8.50 | 2.21 |
| | 15.0 | 9.85 | 2.22 | 9.74 | 2.24 | 9.63 | 2.26 | 9.57 | 2.27 | 9.52 | 2.28 | 9.41 | 2.30 |
| 1.5+1.5+2.5 | -15.0 | 4.42 | 167 | 4.31 | 169 | 4.20 | 171 | 4.14 | 172 | 4.09 | 173 | 3.97 | 175 |
| | -10.0 | 5.32 | 176 | 5.21 | 178 | 5.10 | 180 | 5.05 | 181 | 4.99 | 182 | 4.88 | 184 |
| | -5.0 | 6.23 | 185 | 6.12 | 187 | 6.01 | 189 | 5.95 | 190 | 5.90 | 191 | 5.79 | 192 |
| | 0.0 | 7.13 | 194 | 7.02 | 195 | 6.91 | 197 | 6.86 | 198 | 6.80 | 199 | 6.69 | 2.01 |
| | 6.0 | 8.22 | 2.04 | 8.11 | 2.06 | 8.00 | 2.08 | 7.94 | 2.09 | 7.89 | 2.10 | 7.78 | 2.12 |
| | 10.0 | 8.95 | 2.11 | 8.84 | 2.13 | 8.72 | 2.15 | 8.67 | 2.16 | 8.61 | 2.17 | 8.50 | 2.19 |
| | 15.0 | 9.85 | 2.20 | 9.74 | 2.22 | 9.63 | 2.24 | 9.57 | 2.25 | 9.52 | 2.26 | 9.41 | 2.28 |
| 1.5+1.5+3.5 | -15.0 | 4.50 | 172 | 4.39 | 174 | 4.28 | 176 | 4.23 | 177 | 4.17 | 178 | 4.06 | 180 |
| | -10.0 | 5.41 | 181 | 5.30 | 183 | 5.19 | 185 | 5.14 | 186 | 5.08 | 187 | 4.97 | 189 |
| | -5.0 | 6.32 | 190 | 6.21 | 192 | 6.10 | 194 | 6.04 | 195 | 5.99 | 196 | 5.88 | 197 |
| | 0.0 | 7.23 | 199 | 7.12 | 2.00 | 7.01 | 2.02 | 6.95 | 2.03 | 6.90 | 2.04 | 6.79 | 2.06 |
| | 6.0 | 8.32 | 2.09 | 8.21 | 2.11 | 8.10 | 2.13 | 8.04 | 2.14 | 7.99 | 2.15 | 7.88 | 2.17 |
| | 10.0 | 9.05 | 2.16 | 8.94 | 2.18 | 8.83 | 2.20 | 8.77 | 2.21 | 8.72 | 2.22 | 8.60 | 2.24 |
| | 15.0 | 9.96 | 2.25 | 9.85 | 2.27 | 9.74 | 2.29 | 9.68 | 2.30 | 9.63 | 2.31 | 9.51 | 2.33 |
| 1.5+1.5+4.2 | -15.0 | 4.50 | 170 | 4.39 | 172 | 4.28 | 174 | 4.23 | 175 | 4.17 | 176 | 4.06 | 178 |
| | -10.0 | 5.41 | 179 | 5.30 | 181 | 5.19 | 183 | 5.14 | 184 | 5.08 | 185 | 4.97 | 187 |
| | -5.0 | 6.32 | 188 | 6.21 | 190 | 6.10 | 192 | 6.04 | 193 | 5.99 | 194 | 5.88 | 195 |
| | 0.0 | 7.23 | 197 | 7.12 | 198 | 7.01 | 2.00 | 6.95 | 2.01 | 6.90 | 2.02 | 6.79 | 2.04 |
| | 6.0 | 8.32 | 2.07 | 8.21 | 2.09 | 8.10 | 2.11 | 8.04 | 2.12 | 7.99 | 2.13 | 7.88 | 2.15 |
| | 10.0 | 9.05 | 2.14 | 8.94 | 2.16 | 8.83 | 2.18 | 8.77 | 2.19 | 8.72 | 2.20 | 8.60 | 2.22 |
| | 15.0 | 9.96 | 2.23 | 9.85 | 2.25 | 9.74 | 2.27 | 9.68 | 2.28 | 9.63 | 2.29 | 9.51 | 2.31 |

| 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+5.0 | -15.0 | 4.61 | 169 | 4.49 | 171 | 4.38 | 173 | 4.32 | 173 | 4.26 | 174 | 4.15 | 176 |
| | -10.0 | 5.54 | 177 | 5.43 | 179 | 5.31 | 181 | 5.25 | 182 | 5.20 | 183 | 5.08 | 185 |
| | -5.0 | 6.47 | 186 | 6.36 | 188 | 6.25 | 190 | 6.19 | 191 | 6.13 | 192 | 6.02 | 194 |
| | 0.0 | 7.41 | 195 | 7.29 | 197 | 7.18 | 199 | 7.12 | 2.00 | 7.07 | 2.00 | 6.95 | 2.02 |
| | 6.0 | 8.53 | 2.05 | 8.41 | 2.07 | 8.30 | 2.09 | 8.24 | 2.10 | 8.19 | 2.11 | 8.07 | 2.13 |
| | 10.0 | 9.28 | 2.12 | 9.16 | 2.14 | 9.05 | 2.16 | 8.99 | 2.17 | 8.93 | 2.18 | 8.82 | 2.20 |
| | 15.0 | 10.21 | 2.21 | 10.10 | 2.23 | 9.98 | 2.25 | 9.92 | 2.26 | 9.87 | 2.27 | 9.75 | 2.28 |
| 1.5+2.0+2.0 | -15.0 | 4.42 | 173 | 4.31 | 175 | 4.20 | 177 | 4.14 | 178 | 4.09 | 179 | 3.97 | 181 |
| | -10.0 | 5.32 | 182 | 5.21 | 184 | 5.10 | 186 | 5.05 | 187 | 4.99 | 188 | 4.88 | 190 |
| | -5.0 | 6.23 | 191 | 6.12 | 193 | 6.01 | 195 | 5.95 | 196 | 5.90 | 197 | 5.79 | 198 |
| | 0.0 | 7.13 | 2.00 | 7.02 | 2.01 | 6.91 | 2.03 | 6.86 | 2.04 | 6.80 | 2.05 | 6.69 | 2.07 |
| | 6.0 | 8.22 | 2.10 | 8.11 | 2.12 | 8.00 | 2.14 | 7.94 | 2.15 | 7.89 | 2.16 | 7.78 | 2.18 |
| | 10.0 | 8.95 | 2.17 | 8.84 | 2.19 | 8.72 | 2.21 | 8.67 | 2.22 | 8.61 | 2.23 | 8.50 | 2.25 |
| | 15.0 | 9.85 | 2.26 | 9.74 | 2.28 | 9.63 | 2.30 | 9.57 | 2.31 | 9.52 | 2.32 | 9.41 | 2.34 |
| 1.5+2.0+2.5 | -15.0 | 4.42 | 171 | 4.31 | 173 | 4.20 | 175 | 4.14 | 176 | 4.09 | 177 | 3.97 | 179 |
| | -10.0 | 5.32 | 180 | 5.21 | 182 | 5.10 | 184 | 5.05 | 185 | 4.99 | 186 | 4.88 | 188 |
| | -5.0 | 6.23 | 189 | 6.12 | 191 | 6.01 | 193 | 5.95 | 194 | 5.90 | 195 | 5.79 | 196 |
| | 0.0 | 7.13 | 198 | 7.02 | 199 | 6.91 | 2.01 | 6.86 | 2.02 | 6.80 | 2.03 | 6.69 | 2.05 |
| | 6.0 | 8.22 | 2.08 | 8.11 | 2.10 | 8.00 | 2.12 | 7.94 | 2.13 | 7.89 | 2.14 | 7.78 | 2.16 |
| | 10.0 | 8.95 | 2.15 | 8.84 | 2.17 | 8.72 | 2.19 | 8.67 | 2.20 | 8.61 | 2.21 | 8.50 | 2.23 |
| | 15.0 | 9.85 | 2.24 | 9.74 | 2.26 | 9.63 | 2.28 | 9.57 | 2.29 | 9.52 | 2.30 | 9.41 | 2.32 |
| 1.5+2.0+3.5 | -15.0 | 4.50 | 175 | 4.39 | 177 | 4.28 | 179 | 4.23 | 180 | 4.17 | 181 | 4.06 | 183 |
| | -10.0 | 5.41 | 184 | 5.30 | 186 | 5.19 | 188 | 5.14 | 189 | 5.08 | 190 | 4.97 | 192 |
| | -5.0 | 6.32 | 193 | 6.21 | 195 | 6.10 | 197 | 6.04 | 198 | 5.99 | 199 | 5.88 | 2.00 |
| | 0.0 | 7.23 | 2.02 | 7.12 | 2.03 | 7.01 | 2.05 | 6.95 | 2.06 | 6.90 | 2.07 | 6.79 | 2.09 |
| | 6.0 | 8.32 | 2.12 | 8.21 | 2.14 | 8.10 | 2.16 | 8.04 | 2.17 | 7.99 | 2.18 | 7.88 | 2.20 |
| | 10.0 | 9.05 | 2.19 | 8.94 | 2.21 | 8.83 | 2.23 | 8.77 | 2.24 | 8.72 | 2.25 | 8.60 | 2.27 |
| | 15.0 | 9.96 | 2.28 | 9.85 | 2.30 | 9.74 | 2.32 | 9.68 | 2.33 | 9.63 | 2.34 | 9.51 | 2.36 |
| 1.5+2.0+4.2 | -15.0 | 4.50 | 173 | 4.39 | 175 | 4.28 | 177 | 4.23 | 178 | 4.17 | 179 | 4.06 | 181 |
| | -10.0 | 5.41 | 182 | 5.30 | 184 | 5.19 | 186 | 5.14 | 187 | 5.08 | 188 | 4.97 | 190 |
| | -5.0 | 6.32 | 191 | 6.21 | 193 | 6.10 | 195 | 6.04 | 196 | 5.99 | 197 | 5.88 | 198 |
| | 0.0 | 7.23 | 2.00 | 7.12 | 2.01 | 7.01 | 2.03 | 6.95 | 2.04 | 6.90 | 2.05 | 6.79 | 2.07 |
| | 6.0 | 8.32 | 2.10 | 8.21 | 2.12 | 8.10 | 2.14 | 8.04 | 2.15 | 7.99 | 2.16 | 7.88 | 2.18 |
| | 10.0 | 9.05 | 2.17 | 8.94 | 2.19 | 8.83 | 2.21 | 8.77 | 2.22 | 8.72 | 2.23 | 8.60 | 2.25 |
| | 15.0 | 9.96 | 2.26 | 9.85 | 2.28 | 9.74 | 2.30 | 9.68 | 2.31 | 9.63 | 2.32 | 9.51 | 2.34 |
| 1.5+2.0+5.0 | -15.0 | 4.61 | 167 | 4.49 | 169 | 4.38 | 171 | 4.32 | 171 | 4.26 | 172 | 4.15 | 174 |
| | -10.0 | 5.54 | 175 | 5.43 | 177 | 5.31 | 179 | 5.25 | 180 | 5.20 | 181 | 5.08 | 183 |
| | -5.0 | 6.47 | 184 | 6.36 | 186 | 6.25 | 188 | 6.19 | 189 | 6.13 | 190 | 6.02 | 192 |
| | 0.0 | 7.41 | 193 | 7.29 | 195 | 7.18 | 197 | 7.12 | 198 | 7.07 | 198 | 6.95 | 2.00 |
| | 6.0 | 8.53 | 2.03 | 8.41 | 2.05 | 8.30 | 2.07 | 8.24 | 2.08 | 8.19 | 2.09 | 8.07 | 2.11 |
| | 10.0 | 9.28 | 2.10 | 9.16 | 2.12 | 9.05 | 2.14 | 8.99 | 2.15 | 8.93 | 2.16 | 8.82 | 2.18 |
| | 15.0 | 10.21 | 2.19 | 10.10 | 2.21 | 9.98 | 2.23 | 9.92 | 2.24 | 9.87 | 2.25 | 9.75 | 2.26 |

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5·m
   Level difference: ·0·m
2. The bold cells indicate the standard conditios.
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-mountend ·CTXM-M, FTXM-M· series
4. Editable data for this drawing are available in ·GDE· system.

Symbols

TC: Total capacity [kW]
PI: Power input [kW]
① Indoor unit combinations
② Outdoor air temperature [° C WB]

**3D105333**

**4MWXM-A9**

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 | -15.0 | 4.78 | 1.67 | 4.68 | 1.69 | 4.58 | 1.71 | 4.53 | 1.72 | 4.48 | 1.73 | 4.38 | 1.76 |
| | -10.0 | 5.59 | 1.77 | 5.49 | 1.79 | 5.39 | 1.81 | 5.34 | 1.82 | 5.29 | 1.83 | 5.19 | 1.85 |
| | -5.0 | 6.41 | 1.86 | 6.31 | 1.89 | 6.21 | 1.91 | 6.16 | 1.92 | 6.11 | 1.93 | 6.01 | 1.95 |
| | 0.0 | 7.22 | 1.96 | 7.12 | 1.98 | 7.02 | 2.00 | 6.97 | 2.01 | 6.92 | 2.03 | 6.82 | 2.05 |
| | 6.0 | 8.20 | 2.08 | 8.10 | 2.10 | 8.00 | 2.12 | 7.95 | 2.13 | 7.90 | 2.14 | 7.80 | 2.16 |
| | 10.0 | 8.85 | 2.16 | 8.75 | 2.18 | 8.65 | 2.20 | 8.60 | 2.21 | 8.55 | 2.22 | 8.45 | 2.24 |
| | 15.0 | 9.67 | 2.25 | 9.57 | 2.27 | 9.47 | 2.29 | 9.42 | 2.30 | 9.37 | 2.32 | 9.27 | 2.34 |
| 1.5+2.5+3.5 | -15.0 | 4.88 | 1.72 | 4.78 | 1.74 | 4.68 | 1.76 | 4.63 | 1.77 | 4.58 | 1.78 | 4.48 | 1.80 |
| | -10.0 | 5.69 | 1.81 | 5.59 | 1.83 | 5.49 | 1.85 | 5.44 | 1.86 | 5.39 | 1.87 | 5.29 | 1.89 |
| | -5.0 | 6.51 | 1.90 | 6.41 | 1.92 | 6.31 | 1.94 | 6.26 | 1.95 | 6.21 | 1.96 | 6.11 | 1.97 |
| | 0.0 | 7.23 | 1.99 | 7.12 | 2.00 | 7.12 | 2.02 | 7.07 | 2.03 | 7.02 | 2.04 | 6.92 | 2.06 |
| | 6.0 | 8.32 | 2.09 | 8.21 | 2.11 | 8.10 | 2.13 | 8.04 | 2.14 | 7.99 | 2.15 | 7.88 | 2.17 |
| | 10.0 | 9.05 | 2.16 | 8.94 | 2.18 | 8.82 | 2.20 | 8.77 | 2.21 | 8.71 | 2.22 | 8.60 | 2.24 |
| | 15.0 | 9.95 | 2.25 | 9.84 | 2.27 | 9.73 | 2.29 | 9.67 | 2.30 | 9.62 | 2.32 | 9.51 | 2.34 |
| 1.5+2.5+4.2 | -15.0 | 4.88 | 1.70 | 4.78 | 1.72 | 4.68 | 1.74 | 4.63 | 1.75 | 4.58 | 1.76 | 4.48 | 1.78 |
| | -10.0 | 5.69 | 1.79 | 5.59 | 1.81 | 5.49 | 1.83 | 5.44 | 1.84 | 5.39 | 1.85 | 5.29 | 1.87 |
| | -5.0 | 6.51 | 1.88 | 6.41 | 1.90 | 6.31 | 1.92 | 6.26 | 1.93 | 6.21 | 1.94 | 6.11 | 1.95 |
| | 0.0 | 7.23 | 1.97 | 7.12 | 1.98 | 7.12 | 2.00 | 7.07 | 2.01 | 7.02 | 2.02 | 6.92 | 2.04 |
| | 6.0 | 8.32 | 2.07 | 8.21 | 2.09 | 8.10 | 2.11 | 8.04 | 2.12 | 7.99 | 2.13 | 7.88 | 2.15 |
| | 10.0 | 9.05 | 2.14 | 8.94 | 2.16 | 8.82 | 2.18 | 8.77 | 2.19 | 8.71 | 2.20 | 8.60 | 2.22 |
| | 15.0 | 9.95 | 2.23 | 9.84 | 2.25 | 9.73 | 2.27 | 9.67 | 2.28 | 9.62 | 2.29 | 9.51 | 2.31 |
| 1.5+2.5+5.0 | -15.0 | 4.98 | 1.68 | 4.88 | 1.70 | 4.78 | 1.72 | 4.73 | 1.73 | 4.68 | 1.74 | 4.58 | 1.76 |
| | -10.0 | 5.79 | 1.77 | 5.69 | 1.79 | 5.59 | 1.81 | 5.54 | 1.82 | 5.49 | 1.83 | 5.39 | 1.85 |
| | -5.0 | 6.61 | 1.86 | 6.51 | 1.88 | 6.41 | 1.90 | 6.36 | 1.91 | 6.31 | 1.92 | 6.21 | 1.93 |
| | 0.0 | 7.43 | 1.95 | 7.32 | 1.96 | 7.21 | 1.98 | 7.16 | 1.99 | 7.10 | 2.00 | 6.99 | 2.02 |
| | 6.0 | 8.52 | 2.05 | 8.41 | 2.07 | 8.30 | 2.09 | 8.24 | 2.10 | 8.19 | 2.11 | 8.08 | 2.13 |
| | 10.0 | 9.25 | 2.12 | 9.14 | 2.14 | 9.02 | 2.16 | 8.97 | 2.17 | 8.91 | 2.18 | 8.80 | 2.20 |
| | 15.0 | 10.15 | 2.21 | 10.04 | 2.23 | 9.93 | 2.25 | 9.87 | 2.26 | 9.82 | 2.27 | 9.71 | 2.29 |
| 1.5+3.5+3.5 | -15.0 | 4.60 | 1.73 | 4.49 | 1.75 | 4.38 | 1.77 | 4.33 | 1.78 | 4.27 | 1.79 | 4.16 | 1.81 |
| | -10.0 | 5.51 | 1.82 | 5.40 | 1.84 | 5.29 | 1.86 | 5.24 | 1.87 | 5.18 | 1.88 | 5.07 | 1.90 |
| | -5.0 | 6.42 | 1.91 | 6.31 | 1.93 | 6.20 | 1.95 | 6.14 | 1.96 | 6.09 | 1.97 | 5.98 | 1.98 |
| | 0.0 | 7.33 | 2.00 | 7.22 | 2.01 | 7.11 | 2.03 | 7.05 | 2.04 | 7.00 | 2.05 | 6.89 | 2.07 |
| | 6.0 | 8.42 | 2.10 | 8.31 | 2.12 | 8.20 | 2.14 | 8.14 | 2.15 | 8.09 | 2.16 | 7.98 | 2.18 |
| | 10.0 | 9.15 | 2.17 | 9.04 | 2.19 | 8.93 | 2.21 | 8.87 | 2.22 | 8.82 | 2.23 | 8.70 | 2.25 |
| | 15.0 | 10.06 | 2.26 | 9.95 | 2.28 | 9.84 | 2.30 | 9.78 | 2.31 | 9.73 | 2.32 | 9.61 | 2.34 |
| 2.0+2.0+2.0 | -15.0 | 4.40 | 1.72 | 4.29 | 1.74 | 4.18 | 1.76 | 4.13 | 1.77 | 4.07 | 1.78 | 3.96 | 1.80 |
| | -10.0 | 5.31 | 1.81 | 5.20 | 1.83 | 5.09 | 1.85 | 5.04 | 1.86 | 4.98 | 1.87 | 4.87 | 1.89 |
| | -5.0 | 6.22 | 1.90 | 6.11 | 1.92 | 6.00 | 1.94 | 5.94 | 1.95 | 5.89 | 1.96 | 5.78 | 1.97 |
| | 0.0 | 7.13 | 1.99 | 7.02 | 2.00 | 6.91 | 2.02 | 6.85 | 2.03 | 6.80 | 2.04 | 6.69 | 2.06 |
| | 6.0 | 8.22 | 2.09 | 8.11 | 2.11 | 8.00 | 2.13 | 7.94 | 2.14 | 7.89 | 2.15 | 7.78 | 2.17 |
| | 10.0 | 8.95 | 2.16 | 8.84 | 2.18 | 8.73 | 2.20 | 8.67 | 2.21 | 8.62 | 2.22 | 8.50 | 2.24 |
| | 15.0 | 9.86 | 2.25 | 9.75 | 2.27 | 9.64 | 2.29 | 9.58 | 2.30 | 9.53 | 2.31 | 9.41 | 2.33 |

| 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 | -15.0 | 4.40 | 1.71 | 4.29 | 1.73 | 4.18 | 1.75 | 4.13 | 1.75 | 4.07 | 1.76 | 3.96 | 1.78 |
| | -10.0 | 5.31 | 1.79 | 5.20 | 1.81 | 5.09 | 1.83 | 5.04 | 1.84 | 4.98 | 1.85 | 4.87 | 1.87 |
| | -5.0 | 6.22 | 1.88 | 6.11 | 1.90 | 6.00 | 1.92 | 5.94 | 1.93 | 5.89 | 1.94 | 5.78 | 1.96 |
| | 0.0 | 7.13 | 1.97 | 7.02 | 1.99 | 6.91 | 2.01 | 6.85 | 2.02 | 6.80 | 2.02 | 6.69 | 2.04 |
| | 6.0 | 8.23 | 2.07 | 8.11 | 2.09 | 8.00 | 2.11 | 7.94 | 2.12 | 7.89 | 2.13 | 7.78 | 2.15 |
| | 10.0 | 8.98 | 2.14 | 8.86 | 2.16 | 8.75 | 2.18 | 8.69 | 2.19 | 8.63 | 2.20 | 8.52 | 2.22 |
| | 15.0 | 9.91 | 2.23 | 9.80 | 2.25 | 9.68 | 2.27 | 9.62 | 2.28 | 9.57 | 2.29 | 9.45 | 2.30 |
| 2.0+2.0+3.5 | -15.0 | 4.52 | 1.71 | 4.41 | 1.73 | 4.30 | 1.75 | 4.24 | 1.76 | 4.19 | 1.77 | 4.07 | 1.79 |
| | -10.0 | 5.42 | 1.80 | 5.31 | 1.82 | 5.20 | 1.84 | 5.15 | 1.85 | 5.09 | 1.86 | 4.98 | 1.88 |
| | -5.0 | 6.33 | 1.89 | 6.22 | 1.91 | 6.11 | 1.93 | 6.05 | 1.94 | 6.00 | 1.95 | 5.89 | 1.96 |
| | 0.0 | 7.23 | 1.98 | 7.12 | 1.99 | 7.01 | 2.01 | 6.96 | 2.02 | 6.90 | 2.03 | 6.79 | 2.05 |
| | 6.0 | 8.32 | 2.08 | 8.21 | 2.10 | 8.10 | 2.12 | 8.04 | 2.13 | 7.99 | 2.14 | 7.88 | 2.16 |
| | 10.0 | 9.05 | 2.15 | 8.94 | 2.17 | 8.82 | 2.19 | 8.77 | 2.20 | 8.71 | 2.21 | 8.60 | 2.23 |
| | 15.0 | 9.95 | 2.24 | 9.84 | 2.26 | 9.73 | 2.28 | 9.67 | 2.29 | 9.62 | 2.30 | 9.51 | 2.32 |
| 2.0+2.0+4.2 | -15.0 | 4.52 | 1.69 | 4.41 | 1.71 | 4.30 | 1.73 | 4.24 | 1.74 | 4.19 | 1.75 | 4.07 | 1.77 |
| | -10.0 | 5.42 | 1.78 | 5.31 | 1.80 | 5.20 | 1.82 | 5.15 | 1.83 | 5.09 | 1.84 | 4.98 | 1.86 |
| | -5.0 | 6.33 | 1.87 | 6.22 | 1.89 | 6.11 | 1.91 | 6.05 | 1.92 | 6.00 | 1.93 | 5.89 | 1.94 |
| | 0.0 | 7.23 | 1.96 | 7.12 | 1.97 | 7.01 | 1.99 | 6.96 | 2.00 | 6.90 | 2.01 | 6.79 | 2.03 |
| | 6.0 | 8.32 | 2.06 | 8.21 | 2.08 | 8.10 | 2.10 | 8.04 | 2.11 | 7.99 | 2.12 | 7.88 | 2.14 |
| | 10.0 | 9.05 | 2.13 | 8.94 | 2.15 | 8.82 | 2.17 | 8.77 | 2.18 | 8.71 | 2.19 | 8.60 | 2.21 |
| | 15.0 | 9.95 | 2.22 | 9.84 | 2.24 | 9.73 | 2.26 | 9.67 | 2.27 | 9.62 | 2.28 | 9.51 | 2.30 |
| 2.0+2.0+5.0 | -15.0 | 4.70 | 1.67 | 4.59 | 1.69 | 4.48 | 1.71 | 4.43 | 1.72 | 4.37 | 1.73 | 4.26 | 1.75 |
| | -10.0 | 5.61 | 1.76 | 5.50 | 1.78 | 5.39 | 1.80 | 5.34 | 1.81 | 5.28 | 1.82 | 5.17 | 1.84 |
| | -5.0 | 6.52 | 1.85 | 6.41 | 1.87 | 6.30 | 1.89 | 6.24 | 1.90 | 6.19 | 1.91 | 6.08 | 1.92 |
| | 0.0 | 7.43 | 1.94 | 7.32 | 1.95 | 7.21 | 1.97 | 7.15 | 1.98 | 7.10 | 1.99 | 6.99 | 2.01 |
| | 6.0 | 8.52 | 2.04 | 8.41 | 2.06 | 8.30 | 2.08 | 8.24 | 2.09 | 8.19 | 2.10 | 8.08 | 2.12 |
| | 10.0 | 9.25 | 2.11 | 9.14 | 2.13 | 9.03 | 2.15 | 8.97 | 2.16 | 8.92 | 2.17 | 8.80 | 2.19 |
| | 15.0 | 10.16 | 2.20 | 10.05 | 2.22 | 9.94 | 2.24 | 9.88 | 2.25 | 9.83 | 2.26 | 9.71 | 2.28 |
| 2.0+2.5+2.5 | -15.0 | 4.40 | 1.68 | 4.29 | 1.70 | 4.18 | 1.72 | 4.13 | 1.73 | 4.07 | 1.74 | 3.96 | 1.76 |
| | -10.0 | 5.31 | 1.77 | 5.20 | 1.79 | 5.09 | 1.81 | 5.04 | 1.82 | 4.98 | 1.83 | 4.87 | 1.85 |
| | -5.0 | 6.22 | 1.86 | 6.11 | 1.88 | 6.00 | 1.90 | 5.94 | 1.91 | 5.89 | 1.92 | 5.78 | 1.93 |
| | 0.0 | 7.13 | 1.95 | 7.02 | 1.96 | 6.91 | 1.98 | 6.85 | 1.99 | 6.80 | 2.00 | 6.69 | 2.02 |
| | 6.0 | 8.22 | 2.05 | 8.11 | 2.07 | 8.00 | 2.09 | 7.94 | 2.10 | 7.89 | 2.11 | 7.78 | 2.13 |
| | 10.0 | 8.95 | 2.12 | 8.84 | 2.14 | 8.73 | 2.16 | 8.67 | 2.17 | 8.62 | 2.18 | 8.50 | 2.20 |
| | 15.0 | 9.86 | 2.21 | 9.75 | 2.23 | 9.64 | 2.25 | 9.58 | 2.26 | 9.53 | 2.27 | 9.41 | 2.29 |
| 2.0+2.5+3.5 | -15.0 | 4.41 | 1.71 | 4.29 | 1.73 | 4.18 | 1.75 | 4.18 | 1.75 | 4.12 | 1.76 | 4.01 | 1.78 |
| | -10.0 | 5.34 | 1.79 | 5.23 | 1.81 | 5.11 | 1.83 | 5.05 | 1.84 | 5.00 | 1.85 | 4.88 | 1.87 |
| | -5.0 | 6.27 | 1.88 | 6.16 | 1.90 | 6.05 | 1.92 | 5.99 | 1.93 | 5.93 | 1.94 | 5.82 | 1.96 |
| | 0.0 | 7.21 | 1.97 | 7.09 | 1.99 | 6.98 | 2.01 | 6.92 | 2.02 | 6.87 | 2.02 | 6.75 | 2.04 |
| | 6.0 | 8.33 | 2.07 | 8.21 | 2.09 | 8.10 | 2.11 | 8.04 | 2.12 | 7.99 | 2.13 | 7.87 | 2.15 |
| | 10.0 | 9.08 | 2.14 | 8.96 | 2.16 | 8.85 | 2.18 | 8.79 | 2.19 | 8.73 | 2.20 | 8.62 | 2.22 |
| | 15.0 | 10.01 | 2.23 | 9.90 | 2.25 | 9.78 | 2.27 | 9.72 | 2.28 | 9.67 | 2.29 | 9.55 | 2.30 |

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5·m
   Level difference: ·0·m
2. The bold cells indicate the standard conditios.
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-mountend ·CTXM-M, FTXM-M· series

Symbols

TC: Total capacity [kW]
PI: Power input [kW]
① Indoor unit combinations
② Outdoor air temperature [° C WB]

**3D105334A**

# 6 Capacity tables

## 6 - 2 Heating Capacity Tables



**4MWXM-A9**

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+4.2 | -15.0 | 4.50 | 1.71 | 4.39 | 1.73 | 4.28 | 1.75 | 4.23 | 1.75 | 4.17 | 1.76 | 4.06 | 1.78 |
| | -10.0 | 5.41 | 1.79 | 5.30 | 1.81 | 5.19 | 1.83 | 5.14 | 1.84 | 5.08 | 1.85 | 4.97 | 1.87 |
| | -5.0 | 6.32 | 1.88 | 6.21 | 1.90 | 6.10 | 1.92 | 6.04 | 1.93 | 5.99 | 1.94 | 5.88 | 1.96 |
| | 0.0 | 7.23 | 1.97 | 7.12 | 1.99 | 7.01 | 2.01 | 6.95 | 2.02 | 6.90 | 2.02 | 6.79 | 2.04 |
| | 6.0 | 8.38 | 2.07 | 8.21 | 2.09 | 8.10 | 2.11 | 8.04 | 2.12 | 7.99 | 2.13 | 7.88 | 2.15 |
| | 10.0 | 9.13 | 2.14 | 9.01 | 2.16 | 8.90 | 2.18 | 8.84 | 2.19 | 8.78 | 2.20 | 8.67 | 2.22 |
| | 15.0 | 10.06 | 2.23 | 9.95 | 2.25 | 9.83 | 2.27 | 9.77 | 2.28 | 9.72 | 2.29 | 9.60 | 2.31 |
| 2.0+3.5+3.5 | -15.0 | 4.59 | 1.74 | 4.48 | 1.76 | 4.37 | 1.78 | 4.31 | 1.79 | 4.26 | 1.80 | 4.14 | 1.82 |
| | -10.0 | 5.50 | 1.83 | 5.39 | 1.85 | 5.28 | 1.87 | 5.22 | 1.88 | 5.17 | 1.89 | 5.06 | 1.91 |
| | -5.0 | 6.42 | 1.92 | 6.30 | 1.94 | 6.19 | 1.96 | 6.14 | 1.97 | 6.08 | 1.98 | 5.97 | 1.99 |
| | 0.0 | 7.33 | 2.01 | 7.22 | 2.02 | 7.11 | 2.04 | 7.05 | 2.05 | 6.99 | 2.06 | 6.88 | 2.08 |
| | 6.0 | 8.42 | 2.11 | 8.31 | 2.13 | 8.20 | 2.15 | 8.14 | 2.16 | 8.09 | 2.17 | 7.98 | 2.19 |
| | 10.0 | 9.15 | 2.18 | 9.04 | 2.20 | 8.93 | 2.22 | 8.87 | 2.23 | 8.82 | 2.24 | 8.71 | 2.26 |
| | 15.0 | 10.07 | 2.27 | 9.95 | 2.29 | 9.84 | 2.31 | 9.79 | 2.32 | 9.73 | 2.33 | 9.62 | 2.35 |
| 2.5+2.5+2.5 | -15.0 | 4.42 | 1.66 | 4.31 | 1.68 | 4.20 | 1.70 | 4.14 | 1.71 | 4.09 | 1.72 | 3.97 | 1.74 |
| | -10.0 | 5.32 | 1.75 | 5.21 | 1.77 | 5.10 | 1.79 | 5.05 | 1.80 | 4.99 | 1.81 | 4.88 | 1.83 |
| | -5.0 | 6.23 | 1.84 | 6.12 | 1.86 | 6.01 | 1.88 | 5.95 | 1.89 | 5.90 | 1.90 | 5.79 | 1.91 |
| | 0.0 | 7.13 | 1.93 | 7.02 | 1.94 | 6.91 | 1.96 | 6.86 | 1.97 | 6.80 | 1.98 | 6.69 | 2.00 |
| | 6.0 | 8.22 | 2.03 | 8.11 | 2.05 | 8.00 | 2.07 | 7.94 | 2.08 | 7.89 | 2.09 | 7.78 | 2.11 |
| | 10.0 | 8.95 | 2.10 | 8.84 | 2.12 | 8.72 | 2.14 | 8.67 | 2.15 | 8.61 | 2.16 | 8.50 | 2.18 |
| | 15.0 | 9.85 | 2.19 | 9.74 | 2.21 | 9.63 | 2.23 | 9.57 | 2.24 | 9.52 | 2.25 | 9.41 | 2.27 |
| 2.5+2.5+3.5 | -15.0 | 4.50 | 1.68 | 4.39 | 1.70 | 4.28 | 1.72 | 4.23 | 1.73 | 4.17 | 1.74 | 4.06 | 1.76 |
| | -10.0 | 5.41 | 1.77 | 5.30 | 1.79 | 5.19 | 1.81 | 5.14 | 1.82 | 5.08 | 1.83 | 4.97 | 1.85 |
| | -5.0 | 6.32 | 1.86 | 6.21 | 1.88 | 6.10 | 1.90 | 6.04 | 1.91 | 5.99 | 1.92 | 5.88 | 1.93 |
| | 0.0 | 7.23 | 1.95 | 7.12 | 1.96 | 7.01 | 1.98 | 6.95 | 1.99 | 6.90 | 2.00 | 6.79 | 2.02 |
| | 6.0 | 8.32 | 2.05 | 8.21 | 2.07 | 8.10 | 2.09 | 8.04 | 2.10 | 7.99 | 2.11 | 7.88 | 2.13 |
| | 10.0 | 9.05 | 2.12 | 8.94 | 2.14 | 8.83 | 2.16 | 8.77 | 2.17 | 8.72 | 2.18 | 8.60 | 2.20 |
| | 15.0 | 9.96 | 2.21 | 9.85 | 2.23 | 9.74 | 2.25 | 9.68 | 2.26 | 9.63 | 2.27 | 9.51 | 2.29 |

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0 m
2. The bold cells indicate the standard conditios.
3. The values above are for connecting with the following indoor unit types:
   2.0, 2.5, 3.5, 4.2 kW class
   Wall-mountend CTXM-M, FTXM-M series

Symbols

TC: Total capacity [kW]
PI: Power input [kW]
① Indoor unit combinations
② Outdoor air temperature [° C WB]

**3D105335A**

# 6 Capacity tables

## 6 - 3 Cooling/Heating Capacity Tables

**4MWXM-A9**



### Cooling

| 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 | 5,42 | 1,53 | 6,30 | 1,83 | 6,58 | 1,86 | 6,72 | 1,87 | 7,13 | 1,92 | 7,40 | 1,96 |
| | 25,0 | 5,42 | 1,64 | 6,14 | 1,89 | 6,42 | 1,92 | 6,55 | 1,94 | 6,96 | 1,98 | 7,24 | 2,02 |
| | 32,0 | 5,42 | 1,97 | 5,75 | 2,04 | 6,03 | 2,06 | 6,16 | 2,08 | 6,58 | 2,13 | 6,85 | 2,16 |
| | 35,0 | 5,31 | 2,07 | 5,59 | 2,10 | 5,87 | 2,14 | **6,00** | **2,15** | 6,41 | 2,20 | 6,69 | 2,23 |
| | 40,0 | 5,04 | 2,20 | 5,31 | 2,23 | 5,59 | 2,26 | 5,72 | 2,27 | 6,13 | 2,32 | 6,41 | 2,35 |
| | 43,0 | 4,88 | 2,27 | 5,14 | 2,30 | 5,42 | 2,33 | 5,56 | 2,35 | 5,97 | 2,40 | 6,24 | 2,43 |
| | 46,0 | 4,52 | 2,15 | 4,74 | 2,15 | 4,96 | 2,15 | 5,08 | 2,15 | 5,39 | 2,15 | 5,59 | 2,15 |
| 7,1 | 22,0 | 6,00 | 1,68 | 6,73 | 1,94 | 7,03 | 1,97 | 7,17 | 1,99 | 7,62 | 2,04 | 7,91 | 2,08 |
| | 25,0 | 6,00 | 1,83 | 6,55 | 2,00 | 6,85 | 2,04 | 7,00 | 2,06 | 7,44 | 2,11 | 7,73 | 2,15 |
| | 32,0 | 5,84 | 2,13 | 6,14 | 2,17 | 6,43 | 2,21 | 6,58 | 2,22 | 7,02 | 2,28 | 7,32 | 2,31 |
| | 35,0 | 5,66 | 2,21 | 5,96 | 2,25 | 6,25 | 2,28 | **6,40** | **2,30** | 6,84 | 2,36 | 7,14 | 2,39 |
| | 40,0 | 5,36 | 2,35 | 5,66 | 2,39 | 5,95 | 2,42 | 6,10 | 2,44 | 6,54 | 2,49 | 6,84 | 2,53 |
| | 43,0 | 5,19 | 2,44 | 5,48 | 2,47 | 5,78 | 2,51 | 5,92 | 2,53 | 6,37 | 2,58 | 6,66 | 2,62 |
| | 46,0 | 4,69 | 2,12 | 4,91 | 2,12 | 5,13 | 2,12 | 5,24 | 2,12 | 5,56 | 2,12 | 5,77 | 2,12 |

### Heating

| 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 | 3,90 | 1,84 | 3,81 | 1,87 | 3,71 | 1,89 | 3,66 | 1,90 | 3,61 | 1,91 | 3,52 | 1,93 |
| | -10,0 | 4,68 | 1,94 | 4,58 | 1,96 | 4,50 | 1,98 | 4,45 | 1,99 | 4,40 | 2,00 | 4,30 | 2,02 |
| | -5,0 | 5,47 | 2,03 | 5,37 | 2,05 | 5,27 | 2,08 | 5,23 | 2,09 | 5,18 | 2,10 | 5,09 | 2,12 |
| | 0,0 | 6,25 | 2,14 | 6,15 | 2,16 | 6,06 | 2,18 | 6,01 | 2,19 | 5,96 | 2,20 | 5,87 | 2,22 |
| | 6,0 | 7,19 | 2,25 | 7,10 | 2,27 | **7,00** | **2,29** | 6,95 | 2,30 | 6,90 | 2,31 | 6,81 | 2,33 |
| | 10,0 | 7,82 | 2,32 | 7,72 | 2,34 | 7,63 | 2,37 | 7,58 | 2,38 | 7,53 | 2,39 | 7,43 | 2,41 |
| | 15,0 | 8,61 | 2,42 | 8,51 | 2,44 | 8,41 | 2,46 | 8,36 | 2,47 | 8,31 | 2,48 | 8,22 | 2,50 |
| 7,1 | -15,0 | 4,02 | 1,92 | 3,93 | 1,94 | 3,83 | 1,96 | 3,78 | 1,97 | 3,73 | 1,98 | 3,63 | 2,01 |
| | -10,0 | 4,82 | 2,02 | 4,72 | 2,04 | 4,63 | 2,06 | 4,58 | 2,07 | 4,53 | 2,08 | 4,43 | 2,10 |
| | -5,0 | 5,63 | 2,11 | 5,53 | 2,14 | 5,43 | 2,16 | 5,39 | 2,17 | 5,34 | 2,18 | 5,24 | 2,20 |
| | 0,0 | 6,43 | 2,21 | 6,33 | 2,23 | 6,23 | 2,25 | 6,18 | 2,26 | 6,13 | 2,28 | 6,04 | 2,30 |
| | 6,0 | 7,40 | 2,33 | 7,30 | 2,35 | **7,20** | **2,37** | 7,15 | 2,38 | 7,10 | 2,39 | 7,00 | 2,41 |
| | 10,0 | 8,04 | 2,41 | 7,94 | 2,43 | 7,84 | 2,45 | 7,79 | 2,46 | 7,74 | 2,47 | 7,64 | 2,49 |
| | 15,0 | 8,85 | 2,50 | 8,75 | 2,52 | 8,65 | 2,54 | 8,60 | 2,55 | 8,55 | 2,57 | 8,45 | 2,59 |

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

Notes

1) The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
2) The bold cells indicate the standard conditions.
3) The values above are for connecting with the following indoor unit types:
   ·FBA-A(9)· series

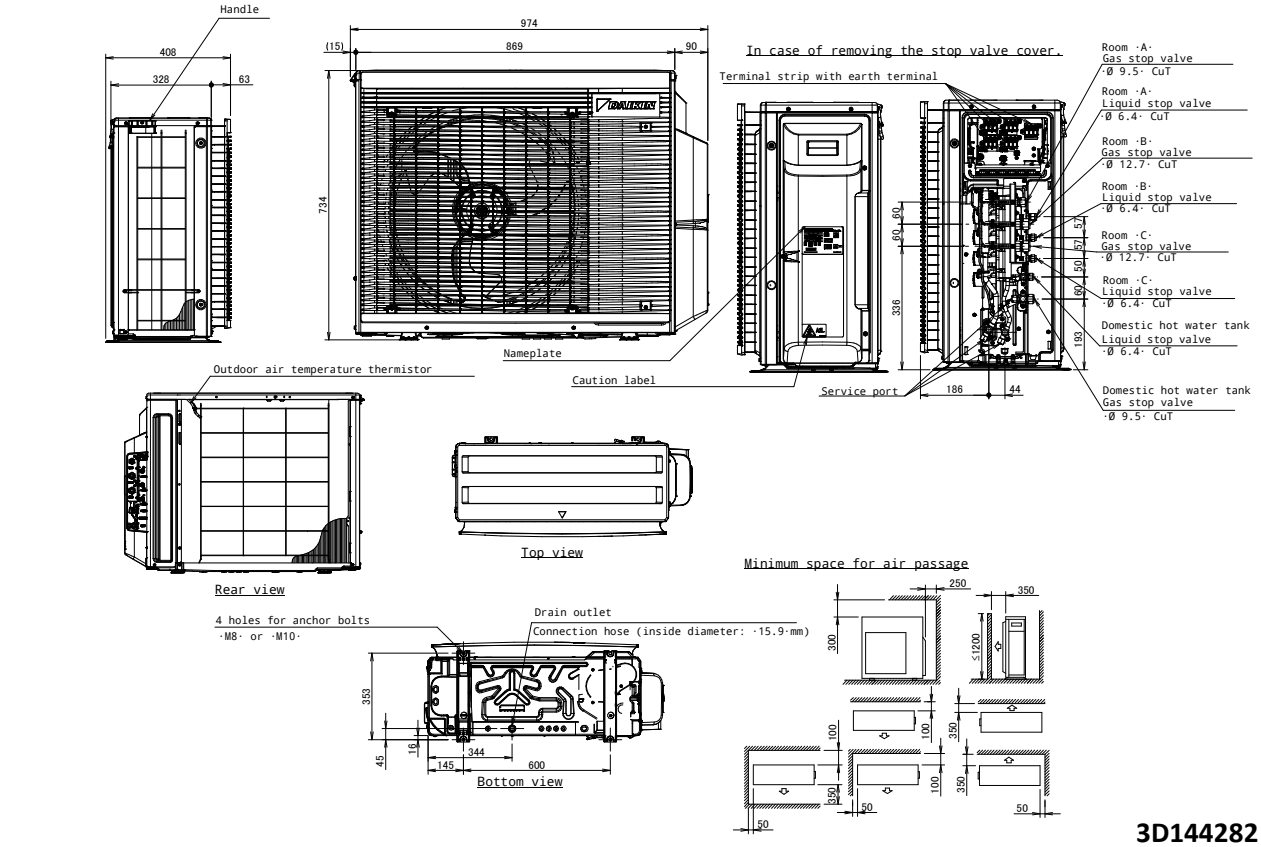
**4D139742**

# 7 Dimensional drawings

## 7 - 1 Dimensional Drawings



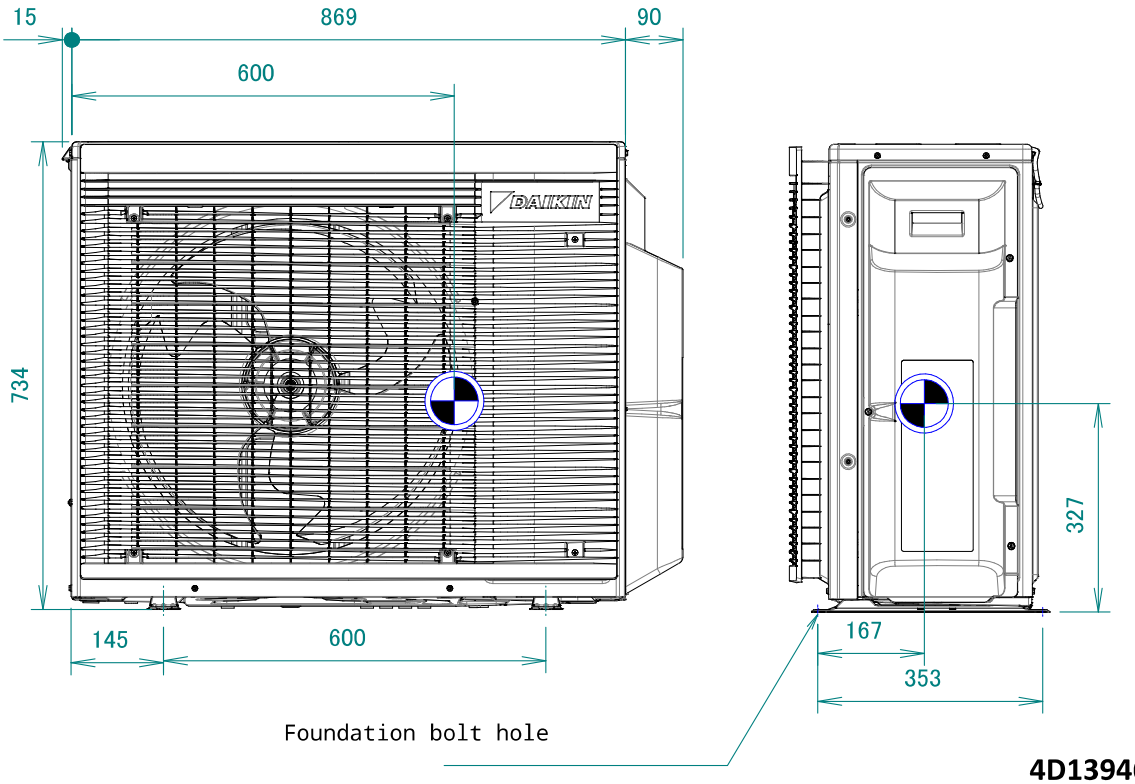
**4MWXM-A9**



# 8 Centre of gravity

## 8 - 1 Centre of Gravity

**4MWXM-A9**



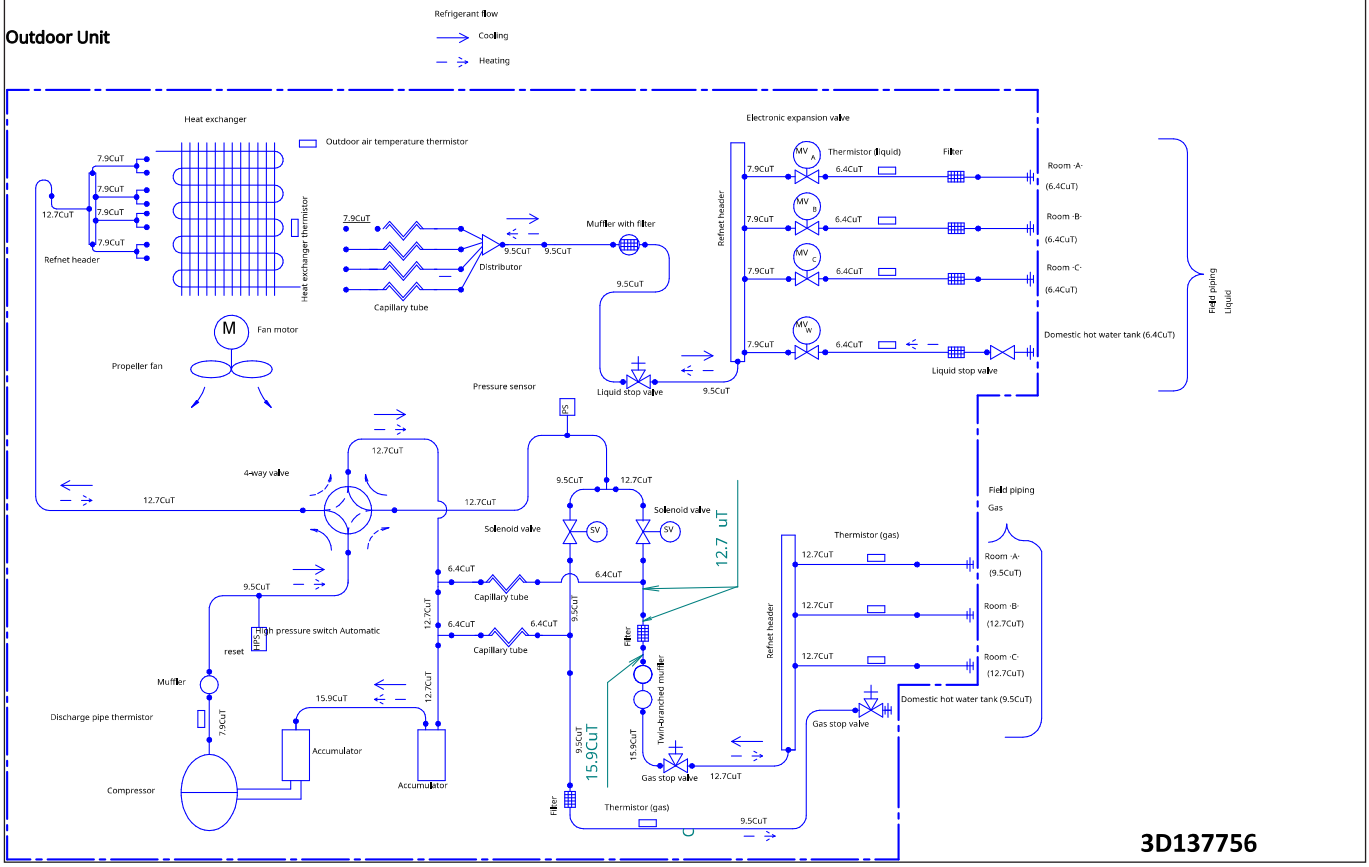
# 9 Piping diagrams

## 9 - 1 Piping Diagrams



**4MWXM-A9**

**Outdoor Unit**

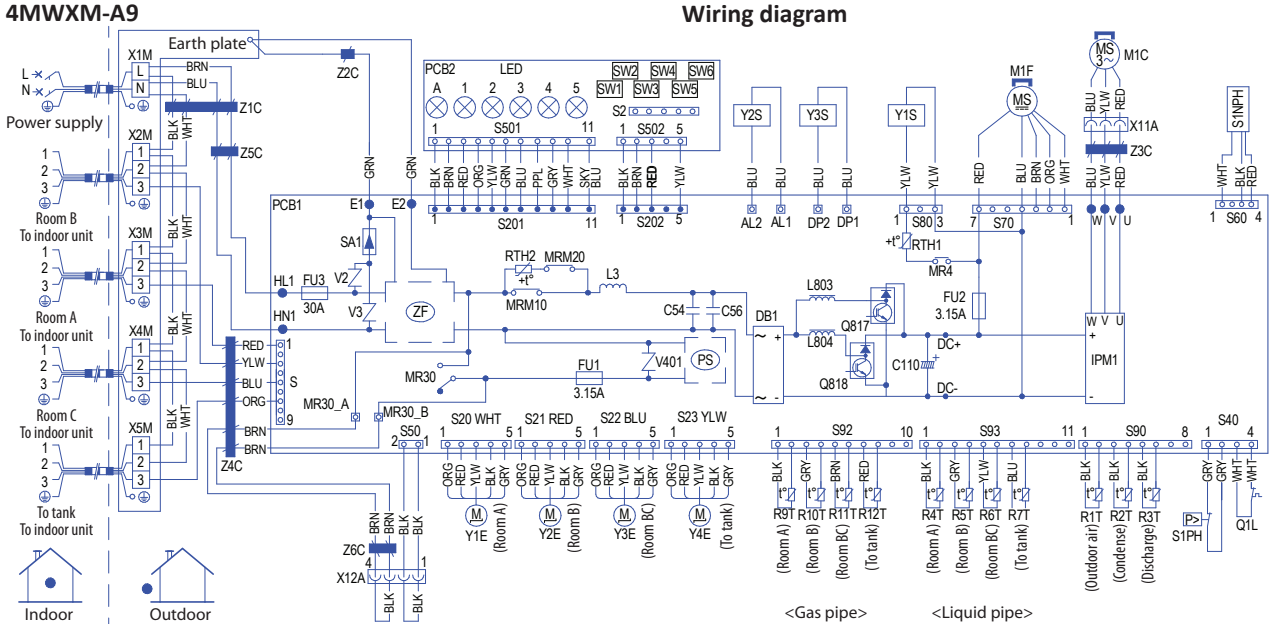


# 10 Wiring diagrams

## 10 - 1 Wiring Diagrams - Three Phase

**4MWXM-A9**

**Wiring diagram**




| | |
|---|---|
| AL1, AL2 | Connector |
| C110, C54, C56 | Capacitor |
| DB1 | Diode bridge |
| DP1, DP2 | Connector |
| E1, E2 | Earth connection (soldered) |
| FU1, FU2, FU3 | Fuse |
| HL1, HN1 | Power supply connection (soldered) |
| IPM1 | Intelligent power module |
| L3 | Inductor |
| L803, L804 | Reactor |
| LED 1-5, LED A | Light-emitting diode |

| | |
|---|---|
| M1C | Compressor motor |
| M1F | Fan motor |
| MR30_A, MR30_B | Connector |
| MRM10, MRM20, MR4, MR30 | Magnetic relay |
| PCB1, PCB2 | Printed circuit board |
| PS | Switching power supply |
| Q817, Q818 | IGBT Module |
| Q1L | Overload protector |
| R1T-R12T | Thermistor |
| RTH1, RTH2 | Positive thermistor |
| S, S2-S502 | Connector |

| | |
|---|---|
| S1NPH | High pressure sensor |
| S1PH | High pressure switch |
| SA1 | Surge arrester |
| SW1-SW6 | Switch |
| U,V,W | Compressor connection (soldered) |
| V2, V3, V401 | Varistor |
| X11A, X12A | Connector |
| X1M-X5 | Terminal strip with earth terminal |
| Y1E-Y4E | Electronic expansion valve coil |
| Y1S - Y3S | Solenoid valve coil |
| Z1C-Z6C | Ferrite core |
| ZF | Noise filter |

Field wiring
Screw terminal
Connector

BLK : black
BLU : blue
BRN : brown
GRN : green
GRY : grey
ORG : orange
PPL : purple
RED : red

3D135807

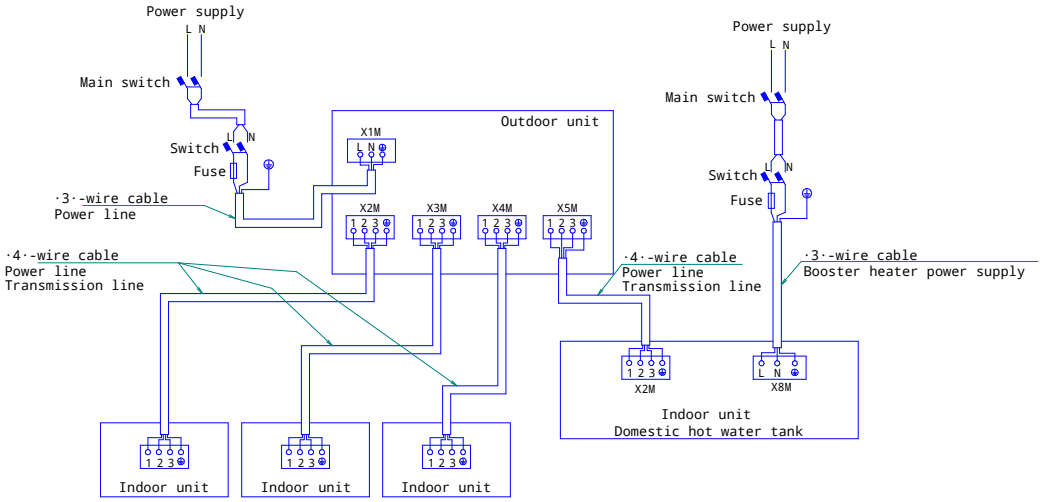
# 11 External connection diagrams

## 11 - 1 External Connection Diagrams



**4MWXM-A9**

External connection diagram




Notes
1. All wiring, components and materials to be procured on-site must comply with the applicable legislation.
2. Use copper conductors only
3. For more details, refer to the wiring diagram of the unit.
4. Install a circuit breaker for safety.
5. All field wiring and components must be provided by an authorised electrician.
6. Unit has to be grounded in compliance with the applicable legislation.
7. The wiring shown is a general points-of-connection guide and is not intended to include all details for a specific installation.
8. Make sure to install the switch and the fuse to the power line of each equipement.
9. Install a main to switch to (if necessary) immediately interrupt all the system's power sources.
10. If there exists the possibility of reversed phase, loose phase or momentary blackout, or if the power goes on and off while the product is operating, attach a reversed phase protection circuit locally.
11. Install an earth leakage circuit breaker.

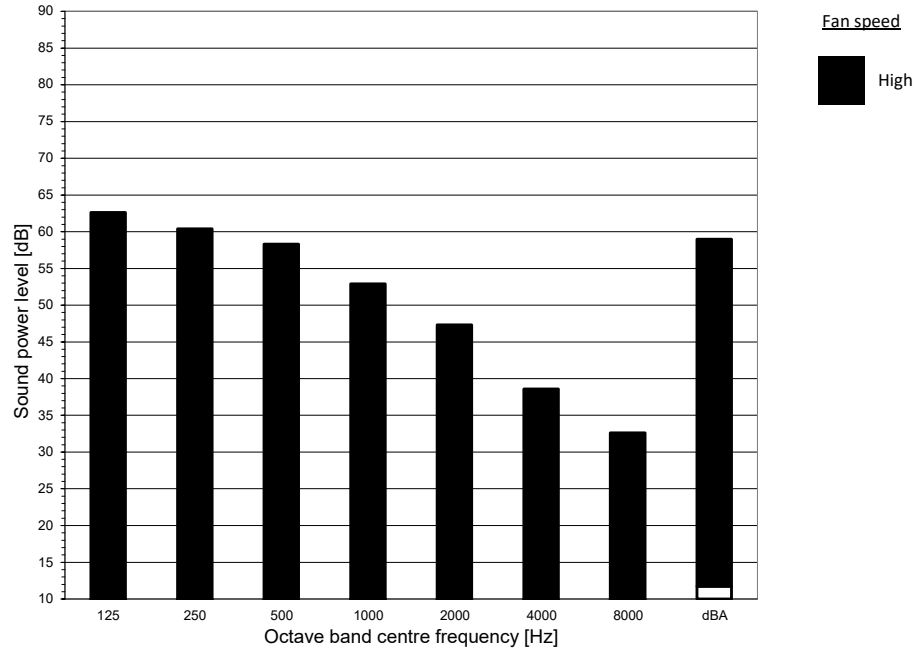
**2D139648**

# 12 Sound data

## 12 - 1 Sound Power Spectrum

**4MWXM-A9**

**Cooling mode**

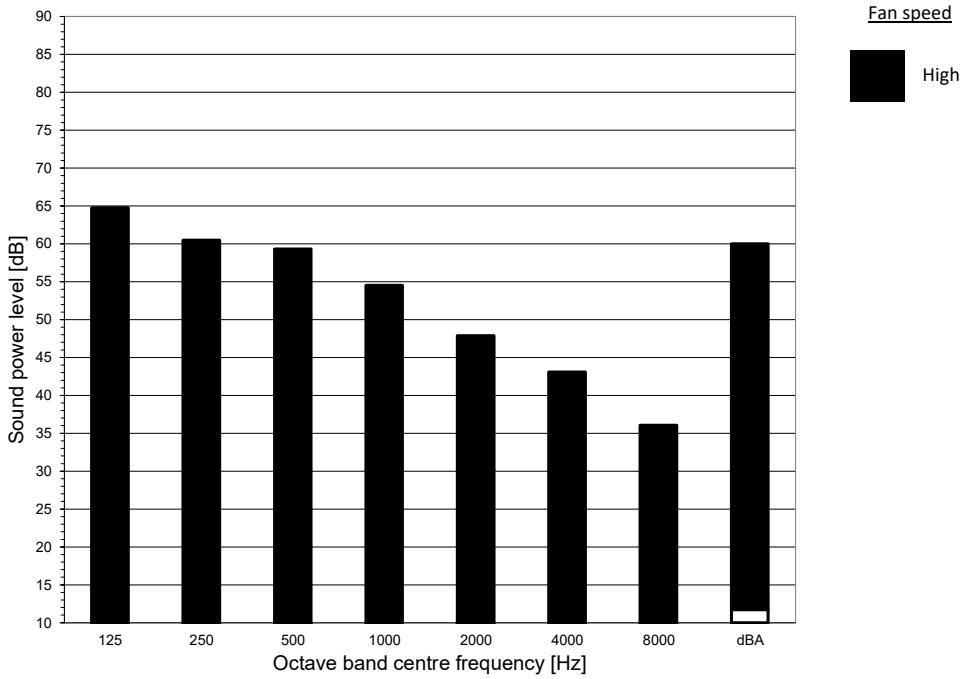



Notes
- dBA = A-weighted sound power level (A scale according to IEC).
- Reference acoustic intensity 0dB = ·10^ -12 W·
- Measured according to ISO 3744

**4D139633**

**4MWXM-A9**

Heating mode




Notes
- dBA = A-weighted sound power level (A scale according to IEC).
- Reference acoustic intensity 0dB = ·10^ -12 W·
- Measured according to ISO 3744

**4D139633**

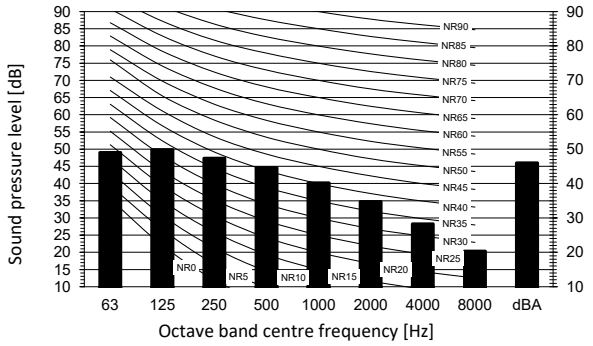
# 12 Sound data

## 12 - 2 Sound Pressure Spectrum

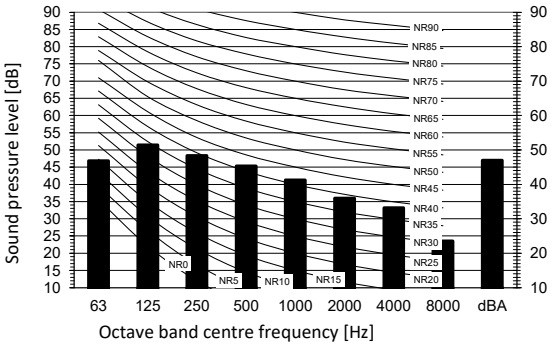


**4MWXM-A9**

**Cooling mode**




**Heating mode**



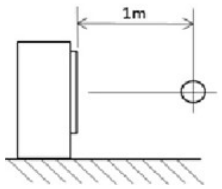

Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale Fan speed

B High

Location of microphone




Cooling Total dB

| A | B |
|---|---|
| dBA | 46,0 |

Heating Total dB

| A | B |
|---|---|
| dBA | 47,0 |

Notes

1 . Operating conditions: power source ·220-240/220·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
7 . The values mentioned in this document 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

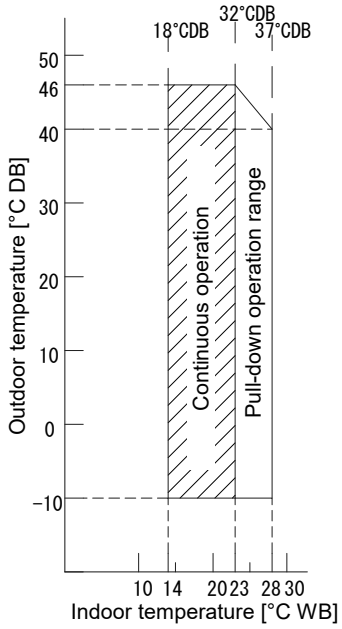
**4D139632**

# 13 Operation range

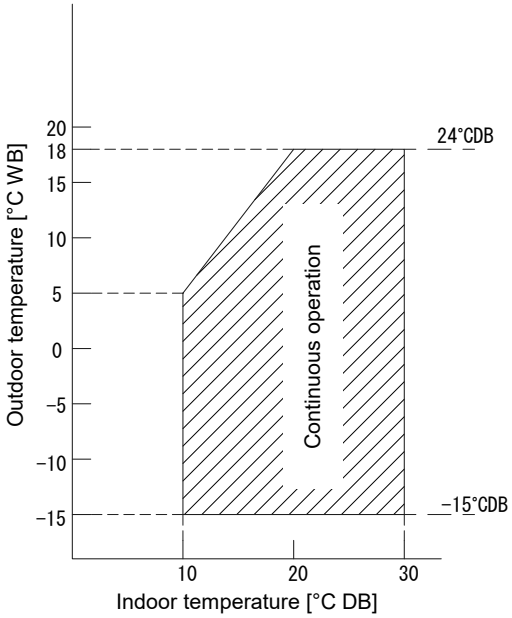
## 13 - 1 Operation Range

**4MWXM-A9**

Cooling



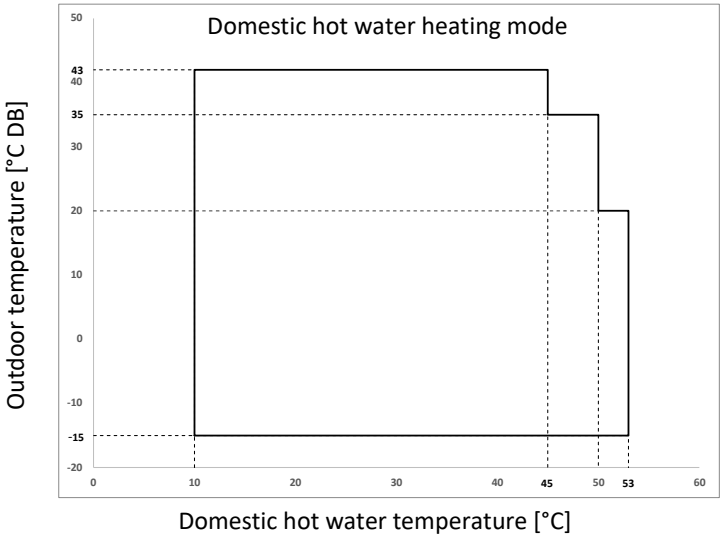

Heating




Notes
1. The ·graph· is based on the following conditions.
Corresponding refrigerant piping length: ·5· m
Level difference: ·0·m
Air flow rate High

**3D101376D**

**4MWXM-A9**




Notes

1 The ·graph· is based on the following conditions.
Corresponding refrigerant piping length: ·5· m
Level difference: ·0·m

**4D139650**

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EEDEN23 02/2023