

Multi model
application
Air Conditioning
Technical Data
3MXM-A9



3MXM40A2V1B9
3MXM52A2V1B9
3MXM68A2V1B9

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3MXM-A9

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1 Features

1 - 1 3MXM-A9

- › 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

1

Inverter

2 Specifications

2 - 1 Specifications

| Technical specifications | | | | | 3MXM40A9 | 3MXM52A9 | 3MXM68A9 |
|---|---------------|----------------------|------------------|---------------------|--------------------------------------|---------------|----------|
| Casing | Colour | | | | Ivory white | | |
| Dimensions | Unit | Height | mm | | 734 | | |
| | | Width | mm | | 974 | | |
| | | Depth | mm | | 408 | | |
| | Packed unit | Height | mm | | 820 | | |
| | | Width | mm | | 1,050 | | |
| | | Depth | mm | | 480 | | |
| Weight | Unit | kg | | 57 | 62 | | |
| | Packed unit | kg | | 63 | 67 | | |
| Heat exchanger | Length | mm | | 920 | | | |
| | Rows | Quantity | | 2 | | | |
| | Fin pitch | mm | | 1.40 | | | |
| | Stages | Quantity | | 32 | | | |
| | Passes | Quantity | | 6.00 | | | |
| | Tube type | | | Hi-XA | | | |
| | Tube diameter | mm | | 8.0 | | | |
| | Fin | Type | | | WHS8 FIN-HYDROPHILIC | | |
| | | Treatment | | | Anti-corrosion treatment | | |
| | Fan | Type | | | | Propeller fan | |
| Discharge direction | | | | Horizontal | | | |
| Quantity | | | | 1 | | | |
| Air flow rate | | Cooling | High | m ³ /min | 42.0 | 46.5 | |
| | | | | cfm | 1,483 | 1,642 | |
| | | | Medium | m ³ /min | 42.0 | 42.5 | |
| | | | | cfm | 1,483 | 1,501 | |
| | | Heating | High | m ³ /min | 24.0 | 24.1 | |
| | | | | cfm | 847 | 851 | |
| | | | Medium | m ³ /min | 41.0 | 43.8 | |
| | | | | cfm | 1,447 | 1,547 | |
| Low | | m ³ /min | 41.0 | 43.8 | | | |
| | | cfm | 1,447 | 1,547 | | | |
| Fan motor | | Quantity | | | | 1 | |
| | Model | | | | D55F-31 | | |
| Fan motor | Output | | | | 55 | | |
| | Speed | Cooling | High | rpm | 700 | 760 | |
| Medium | | | rpm | 700 | | | |
| Low | | | rpm | 420 | | | |
| Heating | | High | rpm | 680 | 720 | | |
| | | Low | rpm | 420 | 300 | | |
| | | Medium | rpm | 680 | 720 | | |
| Compressor | Quantity | | | | 1 | | |
| | Model | | | | 2YC40JXD#C | 2YC71DXD#C | |
| | Oil Amount | | | | 650 | 900 | |
| | Type | | | | Hermetically sealed swing compressor | | |
| | Output | | | | 1,300 | 2,400 | |
| | Oil Type | | | | FW68DA | | |
| Operation range | Cooling | Ambient | Min. | °CDB | -10 | | |
| | | | Max. | °CDB | 46 | | |
| | Heating | Ambient | Min. | °CDB | -15 | | |
| | | | Max. | °CDB | 24 | | |
| | | Cooling | Max | dBA | 63 | | |
| | | | Night quiet mode | dBA | 58 | 59 | |
| Sound power level | Heating | Max | dBA | 63 | | | |
| | | Nom. | dBA | 59 | 61 | | |
| | Cooling | Night quiet mode | dBA | 58 | 59 | | |
| | | Tonal adjustment | dBA | 0 | | | |
| | | Heating | Max. | dBA | 62 | | |
| | | | Night quiet mode | dBA | 57 | 58 | |
| Sound power level - Low sound mode (Stb. 2020, 189) | Cooling | Max. | dBA | 62 | | | |
| | | Night quiet mode | dBA | 57 | 58 | | |
| | Heating | Max. | dBA | 62 | | | |
| | | Night quiet mode | dBA | 57 | 58 | | |
| | | Tonal adjustment | dBA | 0 | | | |
| | | Sound pressure level | Cooling | Nom. | dBA | 46 | 48 |
| Heating | Nom. | | dBA | 47 | 48 | | |
| Refrigerant | Type | | | | R-32 | | |
| | Charge | | | | 1.80 | 2.00 | |
| | Control | | | | Expansion valve | | |
| | GWP | | | | 675 | | |

2 Specifications

2 - 1 Specifications

2

| Technical specifications | | | | 3MXM40A9 | 3MXM52A9 | 3MXM68A9 |
|-------------------------------|---------|-------------------|----|---------------------------|--|----------|
| Piping connections | Liquid | Quantity | | | 3 | |
| | | OD | mm | | 6.35 | |
| Piping connections | Gas | Quantity | | | 1 | |
| | | OD | mm | | 9.5 | |
| Drain | | Quantity | | | 1 | |
| | | OD | mm | | 16 (inner diameter of connecting hose) | |
| 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 | | | | | 0.02 (for piping length exceeding 30m) | |
| Level difference | IU - OU | Max. | m | | 15 | |
| | | IU - IU | m | | 7.5 | |
| Heat insulation | | | | Both liquid and gas pipes | | |
| Total piping length | System | Actual | m | 50 (2) | | 50 |
| | | 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 | | | | 3MXM40A9 | 3MXM52A9 | 3MXM68A9 |
|---------------------------|----------------------------|----------|---|---------------------|----------|----------|
| Power supply | Phase | | | 1~ | | |
| | Frequency | | | 50 | | |
| | Voltage | | | 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 | 16 | 20 | |

(1)For one room |

(2)For combination with CVXM-A, FVXM-A - maximum piping length is 30m. |

See separate drawing for operation range |

See separate drawing for electrical data |

Contains fluorinated greenhouse gases

3 Electrical data

3 - 1 Electrical Data

2MXM68A9 3MXM-A9 4MXM-A9 5MXM-A9

| Outdoor unit | Power supply | | | ·RA· indoor units (-10% safety factor) | | Other indoor units (-10% safety factor) | | Compressor | | Outdoor fan motor | |
|---|--------------|---------|-----------------------|--|-----|---|-----|------------|------|-------------------|------|
| | Hz | Voltage | Voltage range | MCA | MFA | MCA | MFA | RHz | RLA | kW | FLA |
| 2MXM68N2V1B 2MXM68A2V1B 2MXM68A2V1B9 | 50 | 220 | Maximum ·50-Hz ·264-V | 16,94 | 20 | 19,80 | 20 | - | 7,8 | 0,056 | 0,37 |
| | 50 | 230 | | | | | | | 7,5 | | |
| | 50 | 240 | Minimum ·50-Hz ·198-V | | | | | | 8,7 | | |
| 3MXM40N2V1B9 | 50 | 220 | Maximum ·50-Hz ·264-V | 14,31 | 16 | 15,97 | 16 | - | 2,9 | 0,056 | 0,37 |
| | 50 | 230 | | | | | | | 3,0 | | |
| | 50 | 240 | Minimum ·50-Hz ·198-V | | | | | | 3,1 | | |
| 3MXM52N2V1B9 | 50 | 220 | Maximum ·50-Hz ·264-V | 14,59 | 20 | 16,27 | 20 | - | 4,5 | 0,056 | 0,37 |
| | 50 | 230 | | | | | | | 4,7 | | |
| | 50 | 240 | Minimum ·50-Hz ·198-V | | | | | | 4,9 | | |
| 3MXM68N2V1B9 3MXM68A2V1B 3MXM68A2V1B9 | 50 | 220 | Maximum ·50-Hz ·264-V | 17,19 | 20 | 19,81 | 20 | - | 8,0 | 0,056 | 0,37 |
| | 50 | 230 | | | | | | | 8,4 | | |
| | 50 | 240 | Minimum ·50-Hz ·198-V | | | | | | 8,7 | | |
| 4MXM68N2V1B9 4MXM68A2V1B 4MXM68A2V1B9 | 50 | 220 | Maximum ·50-Hz ·264-V | 17,36 | 20 | 19,81 | 20 | - | 7,0 | 0,056 | 0,37 |
| | 50 | 230 | | | | | | | 7,3 | | |
| | 50 | 240 | Minimum ·50-Hz ·198-V | | | | | | 7,6 | | |
| 4MXM80N2V1B9 4MXM80A2V1B 4MXM80A2V1B9 | 50 | 220 | Maximum ·50-Hz ·264-V | 17,04 | 25 | 20,36 | 25 | - | 8,5 | 0,075 | 0,50 |
| | 50 | 230 | | | | | | | 8,9 | | |
| | 50 | 240 | Minimum ·50-Hz ·198-V | | | | | | 9,3 | | |
| 5MXM90N2V1B9 5MXM90A2V1B 5MXM90A2V1B9 | 50 | 220 | Maximum ·50-Hz ·264-V | 21,70 | 32 | 25,88 | 32 | - | 9,2 | 0,075 | 0,50 |
| | 50 | 230 | | | | | | | 9,6 | | |
| | 50 | 240 | Minimum ·50-Hz ·198-V | | | | | | 10,0 | | |
| 3AMXM52N2V1B9 | 50 | 220 | Maximum ·50-Hz ·264-V | 18,19 | 20 | 16,27 | 20 | - | 4,5 | 0,056 | 0,37 |
| | 50 | 230 | | | | | | | 4,7 | | |
| | 50 | 240 | Minimum ·50-Hz ·198-V | | | | | | 4,9 | | |
| 3MXF52A2V1B9 | 50 | 220 | Maximum ·50-Hz ·264-V | 14,59 | 20 | 16,27 | 20 | - | 4,5 | 0,056 | 0,37 |
| | 50 | 230 | | | | | | | 4,7 | | |
| | 50 | 240 | Minimum ·50-Hz ·198-V | | | | | | 4,9 | | |
| 3AMXF52A2V1B9 | 50 | 220 | Maximum ·50-Hz ·264-V | 14,59 | 20 | 16,27 | 20 | - | 4,5 | 0,056 | 0,37 |
| | 50 | 230 | | | | | | | 4,7 | | |
| | 50 | 240 | Minimum ·50-Hz ·198-V | | | | | | 4,9 | | |
| 3MXF68A2V1B9 | 50 | 220 | Maximum ·50-Hz ·264-V | 17,19 | 20 | 19,81 | 20 | - | 8,0 | 0,056 | 0,37 |
| | 50 | 230 | | | | | | | 8,4 | | |
| | 50 | 240 | Minimum ·50-Hz ·198-V | | | | | | 8,7 | | |
| 3MXM40N2V1B8 3MXM40A2V1B 3MXM40A2V1B9 | 50 | 220 | Maximum ·50-Hz ·264-V | 14,31 | 16 | 15,97 | 16 | - | 2,9 | 0,056 | 0,37 |
| | 50 | 230 | | | | | | | 3,0 | | |
| | 50 | 240 | Minimum ·50-Hz ·198-V | | | | | | 3,1 | | |
| 3MXM52N2V1B8 3MXM52A2V1B 3MXM52A2V1B9 | 50 | 220 | Maximum ·50-Hz ·264-V | 14,59 | 20 | 16,27 | 20 | - | 4,5 | 0,056 | 0,37 |
| | 50 | 230 | | | | | | | 4,7 | | |
| | 50 | 240 | Minimum ·50-Hz ·198-V | | | | | | 4,9 | | |

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]

3D129421D

4 Combination table

4 - 1 Combination Table

4

3MXM40A9

Cooling -230V 50Hz-

| 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 | | |
| 3MXM40M2V1B | 1.5 | 1,50 | - | - | 1,40 | 1,50 | 2,20 | 0,32 | 0,35 | 0,46 | 1,52 | 1,63 | 2,20 | 91 | |
| | 2.0 | 2,00 | - | - | 1,40 | 2,00 | 2,90 | 0,32 | 0,48 | 0,71 | 1,52 | 2,28 | 3,40 | 91 | |
| | 2.5 | 2,50 | - | - | 1,40 | 2,50 | 3,10 | 0,32 | 0,64 | 0,82 | 1,52 | 3,05 | 3,90 | 91 | |
| | 3.5 | 3,50 | - | - | 1,40 | 3,50 | 4,10 | 0,32 | 0,98 | 1,19 | 1,52 | 4,68 | 5,70 | 91 | |
| | 1.5+1.5 | 1,50 | 1,50 | - | 1,60 | 3,00 | 4,20 | 0,34 | 0,59 | 1,14 | 1,63 | 2,82 | 5,44 | 91 | |
| | 1.5+2.0 | 1,50 | 2,00 | - | 1,60 | 3,50 | 4,20 | 0,34 | 0,71 | 1,12 | 1,63 | 3,40 | 5,33 | 91 | |
| | 1.5+2.5 | 1,50 | 2,50 | - | 1,60 | 4,00 | 4,20 | 0,34 | 0,86 | 1,10 | 1,63 | 4,11 | 5,33 | 91 | |
| | 1.5+3.5 | 1,20 | 2,80 | - | 1,60 | 4,00 | 4,40 | 0,34 | 0,85 | 1,13 | 1,63 | 4,07 | 5,41 | 91 | |
| | 2.0+2.0 | 2,00 | 2,00 | - | 1,60 | 4,00 | 4,50 | 0,34 | 0,84 | 1,09 | 1,63 | 4,02 | 5,22 | 91 | |
| | 2.0+2.5 | 1,78 | 2,22 | - | 1,60 | 4,00 | 4,50 | 0,34 | 0,83 | 1,07 | 1,63 | 3,97 | 5,22 | 91 | |
| | 2.0+3.5 | 1,45 | 2,55 | - | 1,60 | 4,00 | 4,50 | 0,34 | 0,83 | 1,03 | 1,63 | 3,97 | 5,22 | 91 | |
| | 3MXM40M3V1B | 2.5+2.5 | 2,00 | 2,00 | - | 1,60 | 4,00 | 4,50 | 0,34 | 0,83 | 1,05 | 1,63 | 3,97 | 5,22 | 91 |
| | 3MXM40N2V1B | 2.5+3.5 | 1,67 | 2,33 | - | 1,60 | 4,00 | 4,60 | 0,34 | 0,82 | 1,03 | 1,63 | 3,92 | 4,93 | 91 |
| | 3MXM40N2V1B9 | 3.5+3.5 | 2,00 | 2,00 | - | 1,60 | 4,00 | 4,60 | 0,34 | 0,82 | 1,01 | 1,63 | 3,92 | 4,84 | 91 |
| | 3MXM40N2V1B8 | 1.5+1.5+1.5 | 1,33 | 1,33 | 1,33 | 1,70 | 4,00 | 4,60 | 0,36 | 0,78 | 0,98 | 1,74 | 3,73 | 4,68 | 91 |
| | 3MXM40N2V1B7 | 1.5+1.5+2.0 | 1,20 | 1,20 | 1,60 | 1,70 | 4,00 | 4,60 | 0,36 | 0,77 | 0,96 | 1,74 | 3,68 | 4,68 | 91 |
| | 3MXM40A2V1B | 1.5+1.5+2.5 | 1,09 | 1,09 | 1,82 | 1,70 | 4,00 | 4,60 | 0,36 | 0,77 | 0,94 | 1,74 | 3,68 | 4,68 | 91 |
| | 3MXM40A2V1B9 | 1.5+1.5+3.5 | 0,92 | 0,92 | 2,15 | 1,70 | 4,00 | 4,60 | 0,36 | 0,76 | 0,90 | 1,74 | 3,64 | 4,68 | 91 |
| | | 1.5+2.0+2.0 | 1,09 | 1,45 | 1,45 | 1,70 | 4,00 | 4,60 | 0,36 | 0,77 | 0,92 | 1,74 | 3,68 | 4,68 | 91 |
| | | 1.5+2.0+2.5 | 1,00 | 1,33 | 1,67 | 1,70 | 4,00 | 4,60 | 0,36 | 0,76 | 0,91 | 1,74 | 3,64 | 4,68 | 91 |
| | 1.5+2.0+3.5 | 0,86 | 1,14 | 2,00 | 1,70 | 4,00 | 4,60 | 0,36 | 0,76 | 0,89 | 1,74 | 3,64 | 4,68 | 91 | |
| | 1.5+2.5+2.5 | 0,92 | 1,54 | 1,54 | 1,70 | 4,00 | 4,60 | 0,36 | 0,76 | 0,87 | 1,74 | 3,64 | 4,68 | 91 | |
| | 2.0+2.0+2.0 | 1,33 | 1,33 | 1,33 | 1,70 | 4,00 | 4,60 | 0,36 | 0,76 | 0,85 | 1,74 | 3,64 | 4,68 | 91 | |
| | 2.0+2.0+2.5 | 1,23 | 1,23 | 1,54 | 1,70 | 4,00 | 4,60 | 0,36 | 0,76 | 0,83 | 1,74 | 3,64 | 4,68 | 91 | |
| | 2.0+2.5+2.5 | 1,14 | 1,43 | 1,43 | 1,70 | 4,00 | 4,60 | 0,36 | 0,75 | 0,81 | 1,74 | 3,59 | 4,68 | 91 | |

Notes

- The total capacity of each connected indoor unit is up to -7.0-kW.
- The values mentioned in this document are for connecting with the following indoor unit types:
-1.5, 2.0, 2.5, 3.5- kW class
Wall-mounted - CTXA-AS, CTXA-AT, CTXA-AW, CTXA-BB, CTXA-BS, CTXA-BT, CTXM-M, CTXM-N, CTXM-R, FTXA-AS, FTXA-AT, FTXA-AW, FTXA-BB, FTXA-BS, FTXA-BT, FTXM-M, FTXM-N, FTXM-R, FTXJ-AB, FTXJ-AS, FTXJ-AW- series
- Cooling capacity conditions
Indoor temperature -27-°C DB / -19-°C WB
Outdoor temperature -35-°C DB
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see -3D106169-.

4D139801B

3MXM40A9

Heating -230V 50Hz-

| 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 | | |
| 3MXM40M2V1B | 1.5 | 2,30 | - | - | 1,10 | 2,30 | 3,30 | 0,30 | 0,60 | 0,82 | 1,38 | 2,77 | 3,83 | 93 | |
| | 2.0 | 2,70 | - | - | 1,10 | 2,70 | 3,70 | 0,30 | 0,76 | 1,23 | 1,38 | 3,51 | 5,75 | 93 | |
| | 2.5 | 3,40 | - | - | 1,10 | 3,40 | 4,10 | 0,30 | 1,01 | 1,28 | 1,38 | 4,68 | 5,96 | 93 | |
| | 3.5 | 4,20 | - | - | 1,10 | 4,20 | 4,80 | 0,30 | 1,42 | 1,71 | 1,38 | 6,60 | 7,98 | 93 | |
| | 1.5+1.5 | 1,80 | 1,80 | - | 1,20 | 3,60 | 5,00 | 0,32 | 0,69 | 1,30 | 1,49 | 3,23 | 6,07 | 93 | |
| | 1.5+2.0 | 1,63 | 2,17 | - | 1,20 | 3,80 | 5,00 | 0,32 | 0,73 | 1,28 | 1,49 | 3,41 | 5,96 | 93 | |
| | 1.5+2.5 | 1,61 | 2,69 | - | 1,20 | 4,30 | 5,00 | 0,32 | 0,92 | 1,26 | 1,49 | 4,32 | 5,96 | 93 | |
| | 1.5+3.5 | 1,38 | 3,22 | - | 1,20 | 4,60 | 5,00 | 0,32 | 0,98 | 1,22 | 1,49 | 4,59 | 5,96 | 93 | |
| | 2.0+2.0 | 2,30 | 2,30 | - | 1,20 | 4,60 | 5,00 | 0,32 | 0,97 | 1,25 | 1,49 | 4,54 | 5,85 | 93 | |
| | 2.0+2.5 | 2,04 | 2,56 | - | 1,20 | 4,60 | 5,00 | 0,32 | 0,98 | 1,23 | 1,49 | 4,59 | 5,85 | 93 | |
| | 3MXM40M3V1B | 2.0+3.5 | 1,67 | 2,93 | - | 1,20 | 4,60 | 5,00 | 0,32 | 0,97 | 1,19 | 1,49 | 4,54 | 5,85 | 93 |
| | 3MXM40N2V1B | 2.5+2.5 | 2,30 | 2,30 | - | 1,20 | 4,60 | 5,00 | 0,32 | 0,96 | 1,21 | 1,49 | 4,49 | 5,85 | 93 |
| | 3MXM40N2V1B9 | 2.5+3.5 | 1,92 | 2,68 | - | 1,20 | 4,60 | 5,00 | 0,32 | 0,95 | 1,17 | 1,49 | 4,45 | 5,85 | 93 |
| | 3MXM40N2V1B8 | 3.5+3.5 | 2,30 | 2,30 | - | 1,20 | 4,60 | 5,00 | 0,32 | 0,94 | 1,15 | 1,49 | 4,40 | 5,75 | 93 |
| | 3MXM40N2V1B7 | 1.5+1.5+1.5 | 1,53 | 1,53 | 1,53 | 1,30 | 4,60 | 5,10 | 0,32 | 0,89 | 1,02 | 1,49 | 4,17 | 4,79 | 93 |
| | 3MXM40A2V1B | 1.5+1.5+2.0 | 1,38 | 1,38 | 1,84 | 1,30 | 4,60 | 5,10 | 0,32 | 0,89 | 1,01 | 1,49 | 4,17 | 4,72 | 93 |
| | 3MXM40A2V1B9 | 1.5+1.5+2.5 | 1,25 | 1,25 | 2,09 | 1,30 | 4,60 | 5,10 | 0,32 | 0,89 | 0,99 | 1,49 | 4,17 | 4,63 | 93 |
| | | 1.5+1.5+3.5 | 1,06 | 1,06 | 2,48 | 1,30 | 4,60 | 5,10 | 0,32 | 0,88 | 0,97 | 1,49 | 4,12 | 4,53 | 93 |
| | | 1.5+2.0+2.0 | 1,25 | 1,67 | 1,67 | 1,30 | 4,60 | 5,10 | 0,32 | 0,88 | 0,95 | 1,49 | 4,12 | 4,44 | 93 |
| | | 1.5+2.0+2.5 | 1,15 | 1,53 | 1,92 | 1,30 | 4,60 | 5,10 | 0,32 | 0,87 | 0,93 | 1,49 | 4,07 | 4,35 | 93 |
| | 1.5+2.0+3.5 | 0,99 | 1,31 | 2,30 | 1,30 | 4,60 | 5,10 | 0,32 | 0,87 | 0,91 | 1,49 | 4,07 | 4,25 | 93 | |
| | 1.5+2.5+2.5 | 1,06 | 1,77 | 1,77 | 1,30 | 4,60 | 5,10 | 0,32 | 0,88 | 0,87 | 1,49 | 4,12 | 4,07 | 93 | |
| | 2.0+2.0+2.0 | 1,53 | 1,53 | 1,53 | 1,30 | 4,60 | 5,10 | 0,32 | 0,87 | 0,89 | 1,49 | 4,07 | 4,16 | 93 | |
| | 2.0+2.0+2.5 | 1,42 | 1,42 | 1,77 | 1,30 | 4,60 | 5,10 | 0,32 | 0,87 | 0,86 | 1,49 | 4,07 | 4,02 | 93 | |
| | 2.0+2.5+2.5 | 1,31 | 1,64 | 1,64 | 1,30 | 4,60 | 5,10 | 0,32 | 0,86 | 0,84 | 1,49 | 4,03 | 3,93 | 93 | |

Notes

- The total capacity of each connected indoor unit is up to -7.0-kW.
- The values mentioned in this document are for connecting with the following indoor unit types:
-1.5, 2.0, 2.5, 3.5- kW class
Wall-mounted - CTXA-AS, CTXA-AT, CTXA-AW, CTXA-BB, CTXA-BS, CTXA-BT, CTXM-M, CTXM-N, CTXM-R, FTXA-AS, FTXA-AT, FTXA-AW, FTXA-BB, FTXA-BS, FTXA-BT, FTXM-M, FTXM-N, FTXM-R, FTXJ-AB, FTXJ-AS, FTXJ-AW- series
- Heating capacity conditions
Indoor temperature -20-°C DB
Outdoor temperature -7-°C DB / -6-°C WB
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see -3D106169-.

4D139802B

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4 Combination table

4 - 1 Combination Table

3MXM52A9

Cooling - 230V 50Hz

| 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 | | |
| 3MXM52N2V18 | 1.5 | 1.50 | - | - | 1.40 | 1.50 | 2.40 | 0.34 | 0.36 | 0.63 | 1.50 | 1.62 | 2.86 | 96 | |
| | 2.0 | 2.00 | - | - | 1.60 | 2.00 | 3.00 | 0.36 | 0.48 | 0.78 | 1.60 | 2.17 | 3.51 | 96 | |
| | 2.5 | 2.50 | - | - | 1.60 | 2.50 | 3.30 | 0.36 | 0.64 | 0.87 | 1.62 | 2.89 | 3.92 | 96 | |
| | 3.5 | 3.50 | - | - | 1.60 | 3.50 | 4.20 | 0.37 | 0.98 | 1.30 | 1.63 | 4.43 | 5.88 | 96 | |
| | 4.2 | 4.20 | - | - | 1.60 | 4.20 | 4.80 | 0.37 | 1.21 | 1.55 | 1.63 | 5.47 | 7.04 | 96 | |
| | 5.0 | 5.00 | - | - | 1.60 | 5.00 | 5.40 | 0.35 | 1.76 | 2.03 | 1.55 | 7.94 | 9.18 | 96 | |
| | 1.5+1.5 | 1.50 | 1.50 | - | 1.70 | 3.00 | 4.70 | 0.35 | 0.55 | 1.32 | 1.55 | 2.50 | 5.98 | 96 | |
| | 1.5+2.0 | 1.50 | 2.00 | - | 1.70 | 3.50 | 4.70 | 0.35 | 0.66 | 1.30 | 1.55 | 2.99 | 5.88 | 96 | |
| | 1.5+2.5 | 1.50 | 2.50 | - | 1.70 | 4.00 | 5.00 | 0.35 | 0.78 | 1.92 | 1.55 | 3.54 | 8.66 | 96 | |
| | 1.5+3.5 | 1.50 | 3.50 | - | 1.70 | 5.00 | 6.00 | 0.35 | 1.06 | 2.17 | 1.55 | 4.81 | 9.80 | 96 | |
| | 1.5+4.2 | 1.37 | 3.83 | - | 1.70 | 5.20 | 6.10 | 0.35 | 1.10 | 2.26 | 1.55 | 4.99 | 10.21 | 96 | |
| | 1.5+5.0 | 1.20 | 4.00 | - | 1.80 | 5.20 | 6.30 | 0.37 | 1.10 | 2.28 | 1.68 | 4.99 | 10.31 | 96 | |
| | 2.0+2.0 | 2.00 | 2.00 | - | 1.80 | 4.00 | 5.10 | 0.37 | 0.85 | 1.91 | 1.68 | 3.85 | 8.66 | 96 | |
| | 2.0+2.5 | 2.00 | 2.50 | - | 1.80 | 4.50 | 5.30 | 0.37 | 0.95 | 1.89 | 1.68 | 4.31 | 8.56 | 96 | |
| | 2.0+3.5 | 1.89 | 3.21 | - | 1.80 | 5.20 | 6.30 | 0.37 | 1.10 | 2.30 | 1.68 | 4.99 | 10.38 | 96 | |
| | 2.0+4.2 | 1.68 | 3.52 | - | 1.80 | 5.20 | 6.30 | 0.37 | 1.09 | 2.25 | 1.68 | 4.94 | 10.18 | 96 | |
| | 2.0+5.0 | 1.49 | 3.71 | - | 1.80 | 5.20 | 6.50 | 0.37 | 1.09 | 2.19 | 1.68 | 4.94 | 9.89 | 96 | |
| | 2.5+2.5 | 2.50 | 2.50 | - | 1.80 | 5.00 | 6.00 | 0.37 | 1.04 | 2.23 | 1.68 | 4.72 | 10.09 | 96 | |
| | 2.5+3.5 | 2.17 | 3.03 | - | 1.80 | 5.20 | 6.10 | 0.37 | 1.09 | 2.21 | 1.68 | 4.94 | 10.00 | 96 | |
| | 2.5+4.2 | 1.94 | 3.26 | - | 1.80 | 5.20 | 6.40 | 0.37 | 1.09 | 2.30 | 1.68 | 4.94 | 10.41 | 96 | |
| | 2.5+5.0 | 1.73 | 3.47 | - | 1.80 | 5.20 | 6.50 | 0.37 | 1.06 | 2.14 | 1.68 | 4.81 | 9.68 | 96 | |
| | 3.5+3.5 | 2.60 | 2.60 | - | 1.80 | 5.20 | 6.40 | 0.37 | 1.08 | 2.28 | 1.68 | 4.90 | 10.31 | 96 | |
| | 3.5+4.2 | 2.26 | 2.84 | - | 1.80 | 5.20 | 6.40 | 0.37 | 1.08 | 2.26 | 1.68 | 4.90 | 10.21 | 96 | |
| | 3.5+5.0 | 2.14 | 3.06 | - | 1.80 | 5.20 | 6.60 | 0.37 | 1.06 | 2.19 | 1.68 | 4.81 | 9.89 | 96 | |
| | 4.2+4.2 | 2.60 | 2.60 | - | 1.80 | 5.20 | 6.50 | 0.37 | 1.07 | 2.24 | 1.68 | 4.85 | 10.11 | 96 | |
| | 3MXM52N2V18B | 1.5+1.5+1.5 | 1.50 | 1.50 | 1.50 | 1.80 | 4.50 | 6.40 | 0.37 | 0.90 | 2.18 | 1.65 | 4.08 | 9.86 | 96 |
| | 3MXM52N2V18B | 1.5+1.5+2.0 | 1.44 | 1.44 | 1.92 | 1.80 | 4.80 | 6.40 | 0.37 | 1.02 | 2.16 | 1.65 | 4.61 | 9.78 | 96 |
| | 3MXM52N2V18B | 1.5+1.5+2.5 | 1.42 | 1.42 | 2.36 | 1.80 | 5.20 | 6.70 | 0.37 | 1.09 | 2.23 | 1.65 | 4.94 | 10.10 | 96 |
| | 3MXM52AZV18 | 1.5+1.5+3.5 | 1.20 | 1.20 | 2.80 | 1.90 | 5.20 | 6.80 | 0.37 | 1.09 | 2.28 | 1.65 | 4.94 | 10.30 | 96 |
| | 3MXM52AZV18B | 1.5+1.5+4.2 | 1.08 | 1.08 | 3.03 | 1.90 | 5.20 | 6.80 | 0.37 | 1.08 | 2.26 | 1.65 | 4.90 | 10.20 | 96 |
| | 3MXM52AZV18B | 1.5+1.5+5.0 | 0.98 | 0.98 | 3.25 | 1.90 | 5.20 | 7.10 | 0.33 | 1.05 | 2.17 | 1.51 | 4.76 | 9.80 | 96 |
| | 3MXM52AZV18B | 1.5+2.0+2.0 | 1.42 | 1.89 | 1.89 | 1.80 | 5.20 | 6.45 | 0.37 | 1.10 | 2.13 | 1.65 | 4.99 | 9.64 | 96 |
| | 3MXM52AZV18B | 1.5+2.0+2.5 | 1.30 | 1.73 | 2.17 | 1.80 | 5.20 | 6.70 | 0.37 | 1.09 | 2.19 | 1.65 | 4.94 | 9.90 | 96 |
| | 3MXM52AZV18B | 1.5+2.0+3.5 | 1.11 | 1.49 | 2.60 | 1.90 | 5.20 | 6.80 | 0.37 | 1.08 | 2.23 | 1.65 | 4.90 | 10.10 | 96 |
| | 3MXM52AZV18B | 1.5+2.0+4.2 | 1.01 | 1.35 | 2.84 | 1.90 | 5.20 | 6.80 | 0.37 | 1.08 | 2.19 | 1.65 | 4.90 | 9.90 | 96 |
| | 3MXM52AZV18B | 1.5+2.0+5.0 | 0.92 | 1.22 | 3.06 | 1.90 | 5.20 | 7.20 | 0.33 | 1.04 | 2.15 | 1.51 | 4.72 | 9.70 | 96 |
| | 3MXM52AZV18B | 1.5+2.5+2.5 | 1.20 | 2.00 | 2.00 | 1.80 | 5.20 | 6.70 | 0.37 | 1.09 | 2.17 | 1.65 | 4.94 | 9.80 | 96 |
| | 3MXM52AZV18B | 1.5+2.5+3.5 | 1.04 | 1.73 | 2.43 | 1.90 | 5.20 | 6.80 | 0.37 | 1.08 | 2.21 | 1.65 | 4.90 | 10.00 | 96 |
| | 3MXM52AZV18B | 1.5+2.5+4.2 | 0.95 | 1.59 | 2.66 | 1.90 | 5.20 | 6.80 | 0.37 | 1.07 | 2.19 | 1.65 | 4.85 | 9.90 | 96 |
| | 3MXM52AZV18B | 1.5+2.5+5.0 | 0.87 | 1.44 | 2.89 | 1.90 | 5.20 | 7.30 | 0.33 | 1.04 | 2.17 | 1.51 | 4.72 | 9.80 | 96 |
| 3MXM52AZV18B | 1.5+3.5+3.5 | 0.92 | 2.14 | 2.14 | 1.80 | 5.20 | 7.30 | 0.37 | 1.07 | 2.15 | 1.65 | 4.85 | 9.70 | 96 | |
| 3MXM52AZV18B | 2.0+2.0+2.0 | 1.73 | 1.73 | 1.73 | 1.80 | 5.20 | 6.50 | 0.37 | 1.07 | 2.06 | 1.65 | 4.85 | 9.84 | 96 | |
| 3MXM52AZV18B | 2.0+2.0+2.5 | 1.60 | 1.60 | 2.00 | 1.80 | 5.20 | 7.00 | 0.37 | 1.06 | 2.21 | 1.65 | 4.81 | 10.00 | 96 | |
| 3MXM52AZV18B | 2.0+2.0+3.5 | 1.39 | 1.39 | 2.43 | 1.90 | 5.20 | 7.20 | 0.39 | 1.05 | 2.17 | 1.75 | 4.76 | 9.80 | 96 | |
| 3MXM52AZV18B | 2.0+2.0+4.2 | 1.27 | 1.27 | 2.66 | 1.90 | 5.20 | 7.20 | 0.39 | 1.04 | 2.15 | 1.75 | 4.72 | 9.70 | 96 | |
| 3MXM52AZV18B | 2.0+2.0+5.0 | 1.16 | 1.16 | 2.89 | 1.90 | 5.20 | 7.40 | 0.35 | 1.03 | 2.19 | 1.59 | 4.67 | 9.91 | 96 | |
| 3MXM52AZV18B | 2.0+2.5+2.5 | 1.49 | 1.86 | 1.86 | 1.80 | 5.20 | 7.10 | 0.39 | 1.05 | 2.12 | 1.75 | 4.76 | 9.60 | 96 | |
| 3MXM52AZV18B | 2.0+2.5+3.5 | 1.30 | 1.63 | 2.28 | 1.90 | 5.20 | 7.20 | 0.39 | 1.04 | 2.15 | 1.75 | 4.72 | 9.70 | 96 | |
| 3MXM52AZV18B | 2.0+2.5+4.2 | 1.20 | 1.49 | 2.51 | 1.90 | 5.20 | 7.20 | 0.39 | 1.04 | 2.14 | 1.75 | 4.72 | 9.65 | 96 | |
| 3MXM52AZV18B | 2.0+3.5+3.5 | 1.16 | 2.02 | 2.02 | 1.90 | 5.20 | 7.30 | 0.39 | 1.04 | 2.15 | 1.75 | 4.72 | 9.70 | 96 | |
| 3MXM52AZV18B | 2.5+2.5+2.5 | 1.73 | 1.73 | 1.73 | 1.90 | 5.20 | 7.10 | 0.39 | 1.04 | 2.19 | 1.75 | 4.72 | 9.90 | 96 | |
| 3MXM52AZV18B | 2.5+2.5+3.5 | 1.53 | 1.53 | 2.14 | 1.90 | 5.20 | 7.20 | 0.39 | 1.04 | 2.16 | 1.75 | 4.72 | 9.75 | 96 | |

Notes

- The total capacity of each connected indoor unit is up to 9.0 kW.
- 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-AS, CTXA-AW, CTXA-BT, CTXA-BS, CTXA-BT, CTXA-M, CTXA-N, CTXA-R, FTXA-AS, FTXA-AW, FTXA-BB, FTXA-BT, FTXA-BS, FTXA-M, FTXA-N, FTXA-R, FTXA-AB, FTXA-AB, FTXA-AW series
- Cooling capacity conditions
Indoor temperature: 27°C DB / 19°C WB
Outdoor temperature: 35°C DB
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see: 3D106169.

4D139804B

4 Combination table

4 - 1 Combination Table

3MXM52A9

Heating · 230V 50Hz·

| 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 | |
| 3MXM52N2V1B 3MXM52N2V1B9 3MXM52N2V1B8 3MXM52N2V1B7 3MXM52A2V1B 3MXM52A2V1B9 | 1.5 | 2,30 | - | - | 1,10 | 2,30 | 3,40 | 0,30 | 0,57 | 1,09 | 1,34 | 2,55 | 4,94 | 96 |
| | 2.0 | 3,00 | - | - | 1,10 | 3,00 | 3,80 | 0,30 | 0,84 | 1,27 | 1,34 | 3,82 | 5,75 | 96 |
| | 2.5 | 3,40 | - | - | 1,10 | 3,40 | 4,20 | 0,30 | 1,01 | 1,36 | 1,34 | 4,54 | 6,16 | 96 |
| | 3.5 | 4,20 | - | - | 1,10 | 4,20 | 4,80 | 0,30 | 1,42 | 1,74 | 1,34 | 6,39 | 7,88 | 96 |
| | 4.2 | 4,80 | - | - | 1,10 | 4,80 | 5,60 | 0,30 | 1,62 | 2,03 | 1,34 | 7,32 | 9,18 | 96 |
| | 5.0 | 5,80 | - | - | 1,20 | 5,80 | 6,80 | 0,33 | 2,17 | 2,58 | 1,48 | 9,80 | 11,68 | 96 |
| | 1.5+1.5 | 1,80 | 1,80 | - | 1,20 | 3,60 | 5,80 | 0,32 | 0,67 | 1,62 | 1,44 | 3,04 | 7,34 | 96 |
| | 1.5+2.0 | 1,71 | 2,29 | - | 1,20 | 4,00 | 5,80 | 0,32 | 0,77 | 1,60 | 1,44 | 3,49 | 7,25 | 96 |
| | 1.5+2.5 | 1,73 | 2,88 | - | 1,20 | 4,60 | 6,90 | 0,32 | 0,93 | 2,06 | 1,44 | 4,21 | 9,33 | 96 |
| | 1.5+3.5 | 1,65 | 3,85 | - | 1,20 | 5,50 | 7,00 | 0,32 | 1,22 | 2,25 | 1,44 | 5,53 | 10,19 | 96 |
| | 1.5+4.2 | 1,58 | 4,42 | - | 1,20 | 6,00 | 7,00 | 0,32 | 1,42 | 2,23 | 1,44 | 6,44 | 10,10 | 96 |
| | 1.5+5.0 | 1,57 | 5,23 | - | 1,30 | 6,80 | 7,20 | 0,32 | 1,58 | 2,30 | 1,44 | 7,16 | 10,42 | 96 |
| | 2.0+2.0 | 2,38 | 2,38 | - | 1,20 | 4,75 | 7,00 | 0,32 | 1,11 | 2,26 | 1,44 | 5,03 | 10,24 | 96 |
| | 2.0+2.5 | 2,31 | 2,89 | - | 1,20 | 5,20 | 7,00 | 0,32 | 1,21 | 2,25 | 1,44 | 5,47 | 10,19 | 96 |
| | 2.0+3.5 | 2,33 | 4,07 | - | 1,20 | 6,40 | 7,10 | 0,32 | 1,48 | 2,26 | 1,44 | 6,69 | 10,24 | 96 |
| | 2.0+4.2 | 2,19 | 4,61 | - | 1,20 | 6,80 | 7,10 | 0,32 | 1,56 | 2,24 | 1,44 | 7,07 | 10,14 | 96 |
| | 2.0+5.0 | 1,94 | 4,86 | - | 1,40 | 6,80 | 7,20 | 0,32 | 1,53 | 2,28 | 1,44 | 6,93 | 10,32 | 96 |
| | 2.5+2.5 | 2,90 | 2,90 | - | 1,20 | 5,80 | 7,00 | 0,32 | 1,31 | 2,23 | 1,44 | 5,91 | 10,10 | 96 |
| | 2.5+3.5 | 2,83 | 3,97 | - | 1,30 | 6,80 | 7,20 | 0,32 | 1,53 | 2,35 | 1,44 | 6,93 | 10,64 | 96 |
| | 2.5+4.2 | 2,54 | 4,26 | - | 1,30 | 6,80 | 7,20 | 0,32 | 1,52 | 2,33 | 1,44 | 6,89 | 10,55 | 96 |
| | 2.5+5.0 | 2,27 | 4,53 | - | 1,40 | 6,80 | 7,40 | 0,32 | 1,50 | 2,33 | 1,44 | 6,80 | 10,52 | 96 |
| | 3.5+3.5 | 3,40 | 3,40 | - | 1,40 | 6,80 | 7,30 | 0,32 | 1,52 | 2,38 | 1,44 | 6,89 | 10,78 | 96 |
| | 3.5+4.2 | 3,09 | 3,71 | - | 1,40 | 6,80 | 7,30 | 0,32 | 1,51 | 2,36 | 1,44 | 6,84 | 10,69 | 96 |
| | 3.5+5.0 | 2,80 | 4,00 | - | 1,45 | 6,80 | 7,50 | 0,32 | 1,50 | 2,30 | 1,44 | 6,80 | 10,42 | 96 |
| | 4.2+4.2 | 3,40 | 3,40 | - | 1,40 | 6,80 | 7,30 | 0,32 | 1,50 | 2,35 | 1,44 | 6,80 | 10,62 | 96 |
| | 1.5+1.5+1.5 | 1,83 | 1,83 | 1,83 | 1,30 | 5,50 | 8,00 | 0,32 | 1,13 | 2,12 | 1,44 | 5,13 | 9,60 | 96 |
| | 1.5+1.5+2.0 | 1,83 | 1,83 | 2,44 | 1,30 | 6,10 | 8,00 | 0,32 | 1,26 | 2,10 | 1,44 | 5,69 | 9,51 | 96 |
| | 1.5+1.5+2.5 | 1,83 | 1,83 | 3,05 | 1,30 | 6,70 | 8,00 | 0,32 | 1,37 | 2,08 | 1,44 | 6,20 | 9,42 | 96 |
| | 1.5+1.5+3.5 | 1,85 | 1,85 | 4,31 | 1,40 | 8,00 | 8,10 | 0,32 | 1,62 | 2,13 | 1,44 | 7,35 | 9,65 | 96 |
| | 1.5+1.5+4.2 | 1,42 | 1,42 | 3,97 | 1,40 | 6,80 | 8,10 | 0,32 | 1,38 | 2,11 | 1,44 | 6,25 | 9,56 | 96 |
| | 1.5+1.5+5.0 | 1,28 | 1,28 | 4,25 | 1,60 | 6,80 | 8,30 | 0,32 | 1,32 | 2,09 | 1,44 | 5,98 | 9,47 | 96 |
| | 1.5+2.0+2.0 | 1,83 | 2,44 | 2,44 | 1,30 | 6,70 | 8,00 | 0,32 | 1,37 | 2,14 | 1,44 | 6,20 | 9,69 | 96 |
| | 1.5+2.0+2.5 | 1,70 | 2,27 | 2,83 | 1,30 | 6,80 | 8,00 | 0,32 | 1,38 | 2,12 | 1,44 | 6,25 | 9,60 | 96 |
| | 1.5+2.0+3.5 | 1,46 | 1,94 | 3,40 | 1,40 | 6,80 | 8,10 | 0,32 | 1,37 | 2,16 | 1,44 | 6,21 | 9,78 | 96 |
| | 1.5+2.0+4.2 | 1,32 | 1,77 | 3,71 | 1,40 | 6,80 | 8,10 | 0,32 | 1,36 | 2,14 | 1,44 | 6,16 | 9,69 | 96 |
| | 1.5+2.0+5.0 | 1,20 | 1,60 | 4,00 | 1,60 | 6,80 | 8,30 | 0,32 | 1,31 | 2,07 | 1,44 | 5,94 | 9,38 | 96 |
| | 1.5+2.5+2.5 | 1,57 | 2,62 | 2,62 | 1,30 | 6,80 | 8,00 | 0,32 | 1,38 | 2,12 | 1,44 | 6,25 | 9,60 | 96 |
| | 1.5+2.5+3.5 | 1,36 | 2,27 | 3,17 | 1,40 | 6,80 | 8,10 | 0,32 | 1,37 | 2,13 | 1,44 | 6,21 | 9,65 | 96 |
| | 1.5+2.5+4.2 | 1,24 | 2,07 | 3,48 | 1,40 | 6,80 | 8,10 | 0,32 | 1,36 | 2,11 | 1,44 | 6,16 | 9,56 | 96 |
| | 1.5+2.5+5.0 | 1,13 | 1,89 | 3,78 | 1,60 | 6,80 | 8,30 | 0,32 | 1,30 | 2,09 | 1,44 | 5,89 | 9,47 | 96 |
| | 1.5+3.5+3.5 | 1,20 | 2,80 | 2,80 | 1,30 | 6,80 | 8,20 | 0,32 | 1,36 | 2,14 | 1,44 | 6,16 | 9,69 | 96 |
| | 2.0+2.0+2.0 | 2,27 | 2,27 | 2,27 | 1,30 | 6,80 | 8,00 | 0,32 | 1,39 | 2,13 | 1,44 | 6,30 | 9,65 | 96 |
| 2.0+2.0+2.5 | 2,09 | 2,09 | 2,62 | 1,30 | 6,80 | 8,00 | 0,32 | 1,38 | 2,11 | 1,44 | 6,25 | 9,56 | 96 | |
| 2.0+2.0+3.5 | 1,81 | 1,81 | 3,17 | 1,40 | 6,80 | 8,10 | 0,32 | 1,37 | 2,12 | 1,44 | 6,21 | 9,60 | 96 | |
| 2.0+2.0+4.2 | 1,66 | 1,66 | 3,48 | 1,40 | 6,80 | 8,10 | 0,32 | 1,36 | 2,10 | 1,44 | 6,16 | 9,51 | 96 | |
| 2.0+2.0+5.0 | 1,51 | 1,51 | 3,78 | 1,60 | 6,80 | 8,30 | 0,32 | 1,29 | 2,08 | 1,44 | 5,85 | 9,42 | 96 | |
| 2.0+2.5+2.5 | 1,94 | 2,43 | 2,43 | 1,30 | 6,80 | 8,00 | 0,32 | 1,37 | 2,09 | 1,44 | 6,21 | 9,47 | 96 | |
| 2.0+2.5+3.5 | 1,70 | 2,13 | 2,98 | 1,50 | 6,80 | 8,10 | 0,32 | 1,36 | 2,11 | 1,44 | 6,16 | 9,56 | 96 | |
| 2.0+2.5+4.2 | 1,56 | 1,95 | 3,28 | 1,50 | 6,80 | 8,10 | 0,32 | 1,35 | 2,11 | 1,44 | 6,12 | 9,56 | 96 | |
| 2.0+3.5+3.5 | 1,51 | 2,64 | 2,64 | 1,50 | 6,80 | 8,20 | 0,32 | 1,35 | 2,15 | 1,44 | 6,12 | 9,74 | 96 | |
| 2.5+2.5+2.5 | 2,27 | 2,27 | 2,27 | 1,40 | 6,80 | 8,00 | 0,32 | 1,36 | 2,07 | 1,44 | 6,16 | 9,38 | 96 | |
| 2.5+2.5+3.5 | 2,00 | 2,00 | 2,80 | 1,50 | 6,80 | 8,10 | 0,32 | 1,35 | 2,09 | 1,44 | 6,12 | 9,47 | 96 | |

Notes

- The total capacity of each connected indoor unit is up to -9.0-kW.
- 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-AS, CTXA-AT, CTXA-AW, CTXA-BB, CTXA-BS, CTXA-BT, CTXM-M, CTXM-N, CTXM-R, FTXA-AS, FTXA-AT, FTXA-AW, FTXA-BB, FTXA-BS, FTXA-BT, FTXM-M, FTXM-N, FTXM-R, FTXJ-AB, FTXJ-AS, FTXJ-AW- series
- Heating capacity conditions
 Indoor temperature -20°C DB
 Outdoor temperature -7°C DB / -6°C WB
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see -3D106169-.

4D139806B

4 Combination table

4 - 1 Combination Table

3MXM68A9

Cooling -230V 50Hz-

| 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 | |
| | 1.5 | 1,60 | - | - | 1,52 | 1,60 | 2,49 | 0,40 | 0,42 | 0,59 | 1,82 | 1,98 | 2,71 | 95 |
| | 2.0 | 2,00 | - | - | 1,65 | 2,00 | 3,00 | 0,41 | 0,43 | 0,67 | 1,89 | 2,08 | 3,08 | 95 |
| | 2.5 | 2,50 | - | - | 1,74 | 2,50 | 3,44 | 0,44 | 0,44 | 0,82 | 2,00 | 2,62 | 3,77 | 95 |
| | 3.5 | 3,50 | - | - | 1,93 | 3,50 | 4,86 | 0,46 | 0,46 | 1,43 | 2,09 | 3,84 | 6,53 | 95 |
| | 4.2 | 4,20 | - | - | 1,93 | 4,20 | 5,33 | 0,46 | 0,46 | 1,43 | 2,09 | 3,93 | 6,56 | 95 |
| | 5.0 | 5,00 | - | - | 1,94 | 5,00 | 6,03 | 0,44 | 0,44 | 2,13 | 2,00 | 7,20 | 9,77 | 95 |
| | 6.0 | 6,00 | - | - | 1,94 | 6,00 | 6,51 | 0,44 | 0,44 | 2,13 | 2,00 | 7,29 | 9,77 | 95 |
| | 1.5+1.5 | 1,50 | 1,50 | - | 1,95 | 3,00 | 4,79 | 0,40 | 0,51 | 1,15 | 1,81 | 2,34 | 5,25 | 95 |
| | 1.5+2.0 | 1,50 | 2,00 | - | 1,95 | 3,50 | 4,96 | 0,40 | 0,62 | 1,22 | 1,81 | 2,84 | 5,58 | 95 |
| | 1.5+2.5 | 1,50 | 2,50 | - | 1,95 | 4,00 | 5,28 | 0,40 | 0,75 | 1,36 | 1,81 | 3,44 | 6,23 | 95 |
| | 1.5+3.5 | 1,50 | 3,50 | - | 1,95 | 5,00 | 6,17 | 0,39 | 1,04 | 1,83 | 1,77 | 4,76 | 8,39 | 95 |
| | 1.5+4.2 | 1,50 | 4,20 | - | 1,95 | 5,70 | 6,39 | 0,39 | 1,27 | 1,96 | 1,77 | 5,82 | 8,97 | 95 |
| | 1.5+5.0 | 1,50 | 5,00 | - | 1,95 | 6,50 | 7,08 | 0,38 | 1,50 | 2,23 | 1,73 | 6,87 | 10,22 | 95 |
| | 1.5+6.0 | 1,36 | 5,44 | - | 1,96 | 6,80 | 7,59 | 0,37 | 1,62 | 2,36 | 1,68 | 7,42 | 10,79 | 95 |
| | 2.0+2.0 | 2,00 | 2,00 | - | 1,95 | 4,00 | 5,12 | 0,40 | 0,75 | 1,29 | 1,81 | 3,44 | 5,91 | 95 |
| | 2.0+2.5 | 2,00 | 2,50 | - | 1,95 | 4,50 | 5,44 | 0,40 | 0,89 | 1,43 | 1,81 | 4,08 | 6,56 | 95 |
| | 2.0+3.5 | 2,00 | 3,50 | - | 1,95 | 5,50 | 6,30 | 0,39 | 1,17 | 1,91 | 1,77 | 5,36 | 8,76 | 95 |
| | 2.0+4.2 | 2,00 | 4,20 | - | 1,95 | 6,20 | 6,51 | 0,39 | 1,43 | 2,05 | 1,77 | 6,55 | 9,37 | 95 |
| | 2.0+5.0 | 1,94 | 4,86 | - | 1,95 | 6,80 | 7,26 | 0,38 | 1,59 | 2,36 | 1,73 | 7,28 | 10,79 | 95 |
| | 2.0+6.0 | 1,70 | 5,10 | - | 1,96 | 6,80 | 7,71 | 0,37 | 1,61 | 2,45 | 1,68 | 7,37 | 11,20 | 95 |
| | 2.5+2.5 | 2,50 | 2,50 | - | 1,95 | 5,00 | 6,10 | 0,41 | 1,01 | 1,78 | 1,89 | 4,63 | 8,15 | 95 |
| | 2.5+3.5 | 2,50 | 3,50 | - | 1,95 | 6,00 | 6,57 | 0,40 | 1,29 | 2,11 | 1,81 | 5,91 | 9,65 | 95 |
| | 2.5+4.2 | 2,50 | 4,20 | - | 1,95 | 6,70 | 6,95 | 0,40 | 1,51 | 2,38 | 1,81 | 6,92 | 10,88 | 95 |
| | 2.5+5.0 | 2,27 | 4,53 | - | 1,95 | 6,80 | 7,37 | 0,37 | 1,50 | 2,45 | 1,68 | 6,87 | 11,20 | 95 |
| | 2.5+6.0 | 2,00 | 4,80 | - | 1,96 | 6,80 | 7,71 | 0,35 | 1,48 | 2,45 | 1,60 | 6,78 | 11,20 | 95 |
| | 3.5+3.5 | 3,40 | 3,40 | - | 1,95 | 6,80 | 7,13 | 0,38 | 1,45 | 2,37 | 1,73 | 6,64 | 10,83 | 95 |
| | 3.5+4.2 | 3,09 | 3,71 | - | 1,95 | 6,80 | 7,24 | 0,38 | 1,45 | 2,46 | 1,73 | 6,64 | 11,24 | 95 |
| | 3.5+5.0 | 2,80 | 4,00 | - | 1,95 | 6,80 | 7,76 | 0,35 | 1,42 | 2,78 | 1,60 | 6,50 | 12,71 | 95 |
| | 3.5+6.0 | 2,51 | 4,29 | - | 2,26 | 6,80 | 8,07 | 0,40 | 1,40 | 2,72 | 1,81 | 6,41 | 12,46 | 95 |
| | 4.2+4.2 | 3,40 | 3,40 | - | 1,95 | 6,80 | 7,14 | 0,38 | 1,44 | 2,37 | 1,73 | 6,60 | 10,83 | 95 |
| | 4.2+5.0 | 3,10 | 3,70 | - | 1,95 | 6,80 | 7,77 | 0,35 | 1,41 | 2,78 | 1,60 | 6,46 | 12,71 | 95 |
| | 4.2+6.0 | 2,80 | 4,00 | - | 2,26 | 6,80 | 8,08 | 0,40 | 1,40 | 2,72 | 1,81 | 6,41 | 12,46 | 95 |
| | 5.0+5.0 | 3,40 | 3,40 | - | 2,34 | 6,80 | 8,22 | 0,43 | 1,38 | 2,98 | 1,98 | 6,32 | 13,65 | 95 |
| | 5.0+6.0 | 3,09 | 3,71 | - | 2,47 | 6,80 | 8,45 | 0,44 | 1,37 | 2,92 | 2,02 | 6,28 | 13,36 | 95 |
| | 1.5+1.5+1.5 | 1,50 | 1,50 | 1,50 | 1,96 | 4,50 | 6,40 | 0,39 | 0,61 | 1,57 | 1,77 | 2,80 | 7,17 | 95 |
| | 1.5+1.5+2.0 | 1,44 | 1,44 | 1,92 | 1,96 | 4,80 | 6,56 | 0,39 | 0,70 | 1,65 | 1,77 | 3,21 | 7,54 | 95 |
| | 1.5+1.5+2.5 | 1,42 | 1,42 | 2,36 | 1,96 | 5,20 | 6,72 | 0,39 | 0,83 | 1,73 | 1,77 | 3,81 | 7,90 | 95 |
| | 1.5+1.5+3.5 | 1,50 | 1,50 | 3,50 | 1,96 | 6,50 | 7,11 | 0,38 | 1,56 | 1,92 | 1,73 | 7,14 | 8,80 | 95 |
| | 1.5+1.5+4.2 | 1,42 | 1,42 | 3,97 | 1,96 | 6,80 | 7,33 | 0,38 | 1,80 | 2,05 | 1,73 | 8,24 | 9,37 | 95 |
| | 1.5+1.5+5.0 | 1,28 | 1,28 | 4,25 | 1,96 | 6,80 | 7,74 | 0,36 | 1,75 | 2,22 | 1,64 | 8,01 | 10,14 | 95 |
| | 1.5+1.5+6.0 | 1,13 | 1,13 | 4,53 | 2,31 | 6,80 | 7,99 | 0,40 | 1,73 | 2,17 | 1,85 | 7,92 | 9,94 | 95 |
| | 1.5+2.0+2.0 | 1,50 | 2,00 | 2,00 | 1,96 | 5,50 | 6,48 | 0,39 | 1,01 | 1,61 | 1,77 | 4,63 | 7,37 | 95 |
| | 1.5+2.0+2.5 | 1,50 | 2,00 | 2,50 | 1,96 | 6,00 | 6,87 | 0,39 | 1,32 | 1,81 | 1,77 | 6,05 | 8,26 | 95 |
| | 1.5+2.0+3.5 | 1,46 | 1,94 | 3,40 | 1,96 | 6,80 | 7,25 | 0,38 | 1,80 | 2,01 | 1,73 | 8,24 | 9,21 | 95 |
| | 1.5+2.0+4.2 | 1,32 | 1,77 | 3,71 | 1,96 | 6,80 | 7,47 | 0,38 | 1,79 | 2,14 | 1,73 | 8,20 | 9,78 | 95 |
| | 1.5+2.0+5.0 | 1,20 | 1,60 | 4,00 | 1,96 | 6,80 | 7,87 | 0,36 | 1,74 | 2,31 | 1,64 | 7,97 | 10,55 | 95 |
| | 1.5+2.0+6.0 | 1,07 | 1,43 | 4,29 | 2,31 | 6,80 | 8,13 | 0,40 | 1,72 | 2,26 | 1,85 | 7,88 | 10,35 | 95 |
| | 1.5+2.5+2.5 | 1,50 | 2,50 | 2,50 | 1,96 | 6,50 | 7,10 | 0,38 | 1,63 | 1,92 | 1,73 | 7,46 | 8,80 | 95 |
| | 1.5+2.5+3.5 | 1,36 | 2,27 | 3,17 | 1,96 | 6,80 | 7,60 | 0,36 | 1,79 | 2,23 | 1,64 | 8,20 | 10,18 | 95 |
| | 1.5+2.5+4.2 | 1,24 | 2,07 | 3,48 | 1,96 | 6,80 | 7,81 | 0,36 | 1,78 | 2,35 | 1,64 | 8,15 | 10,75 | 95 |
| | 1.5+2.5+5.0 | 1,13 | 1,89 | 3,78 | 1,96 | 6,80 | 7,95 | 0,36 | 1,74 | 2,35 | 1,64 | 7,97 | 10,75 | 95 |
| | 1.5+2.5+6.0 | 1,02 | 1,70 | 4,08 | 2,31 | 6,80 | 8,42 | 0,41 | 1,71 | 2,44 | 1,89 | 7,83 | 11,16 | 95 |
| | 1.5+3.5+3.5 | 1,20 | 2,80 | 2,80 | 1,96 | 6,80 | 7,94 | 0,37 | 1,77 | 2,45 | 1,68 | 8,11 | 11,20 | 95 |
| | 1.5+3.5+4.2 | 1,11 | 2,59 | 3,10 | 1,96 | 6,80 | 8,13 | 0,37 | 1,76 | 2,58 | 1,68 | 8,06 | 11,81 | 95 |
| | 1.5+3.5+5.0 | 1,02 | 2,38 | 3,40 | 1,96 | 6,80 | 8,46 | 0,33 | 1,72 | 2,72 | 1,52 | 7,88 | 12,46 | 95 |
| | 1.5+3.5+6.0 | 0,93 | 2,16 | 3,71 | 2,31 | 6,80 | 8,56 | 0,41 | 1,70 | 2,53 | 1,89 | 7,79 | 11,57 | 95 |
| | 1.5+4.2+4.2 | 1,03 | 2,88 | 2,88 | 1,96 | 6,80 | 8,26 | 0,37 | 1,75 | 2,68 | 1,68 | 8,01 | 12,26 | 95 |
| | 1.5+4.2+5.0 | 0,95 | 2,67 | 3,18 | 1,96 | 6,80 | 8,53 | 0,33 | 1,71 | 2,77 | 1,52 | 7,83 | 12,67 | 95 |
| | 2.0+2.0+2.0 | 2,00 | 2,00 | 2,00 | 1,96 | 6,00 | 6,64 | 0,39 | 1,34 | 1,68 | 1,77 | 6,14 | 7,70 | 95 |
| | 2.0+2.0+2.5 | 2,00 | 2,00 | 2,50 | 1,96 | 6,50 | 7,03 | 0,39 | 1,63 | 1,89 | 1,77 | 7,46 | 8,64 | 95 |
| | 2.0+2.0+3.5 | 1,81 | 1,81 | 3,17 | 1,96 | 6,80 | 7,40 | 0,38 | 1,79 | 2,09 | 1,73 | 8,20 | 9,57 | 95 |
| | 2.0+2.0+4.2 | 1,66 | 1,66 | 3,48 | 1,96 | 6,80 | 7,61 | 0,38 | 1,78 | 2,23 | 1,73 | 8,15 | 10,18 | 95 |
| | 2.0+2.0+5.0 | 1,51 | 1,51 | 3,78 | 1,96 | 6,80 | 8,01 | 0,36 | 1,74 | 2,39 | 1,64 | 7,97 | 10,96 | 95 |
| | 2.0+2.0+6.0 | 1,36 | 1,36 | 4,08 | 2,31 | 6,80 | 8,27 | 0,40 | 1,71 | 2,35 | 1,85 | 7,83 | 10,75 | 95 |
| | 2.0+2.5+2.5 | 1,94 | 2,43 | 2,43 | 1,96 | 6,80 | 7,24 | 0,38 | 1,77 | 2,01 | 1,73 | 8,11 | 9,21 | 95 |
| | 2.0+2.5+3.5 | 1,70 | 2,13 | 2,98 | 1,96 | 6,80 | 7,74 | 0,36 | 1,76 | 2,31 | 1,64 | 8,06 | 10,55 | 95 |
| | 2.0+2.5+4.2 | 1,56 | 1,95 | 3,28 | 1,96 | 6,80 | 7,94 | 0,36 | 1,75 | 2,45 | 1,64 | 8,01 | 11,20 | 95 |
| | 2.0+2.5+5.0 | 1,43 | 1,79 | 3,58 | 1,96 | 6,80 | 8,08 | 0,36 | 1,71 | 2,44 | 1,64 | 7,83 | 11,16 | 95 |
| | 2.0+2.5+6.0 | 1,30 | 1,62 | 3,89 | 2,31 | 6,80 | 8,55 | 0,41 | 1,69 | 2,53 | 1,89 | 7,74 | 11,57 | 95 |
| | 2.0+3.5+3.5 | 1,51 | 2,64 | 2,64 | 1,96 | 6,80 | 8,07 | 0,37 | 1,74 | 2,54 | 1,68 | 7,97 | 11,61 | 95 |
| | 2.0+3.5+4.2 | 1,40 | 2,45 | 2,94 | 1,96 | 6,80 | 8,25 | 0,37 | 1,74 | 2,68 | 1,68 | 7,97 | 12,26 | 95 |
| | 2.0+3.5+5.0 | 1,30 | 2,27 | 3,24 | 2,28 | 6,80 | 8,58 | 0,40 | 1,69 | 2,82 | 1,85 | 7,74 | 12,91 | 95 |
| | 2.0+4.2+4.2 | 1,31 | 2,75 | 2,75 | 1,96 | 6,80 | 8,37 | 0,37 | 1,73 | 2,77 | 1,68 | 7,92 | 12,67 | 95 |
| | 2.5+2.5+2.5 | 2,27 | 2,27 | 2,27 | 1,96 | 6,80 | 7,53 | 0,38 | 1,76 | 2,18 | 1,73 | 8,06 | 9,98 | 95 |
| | 2.5+2.5+3.5 | 2,00 | 2,00 | 2,80 | 1,96 | 6,80 | 7,94 | 0,36 | 1,72 | 2,45 | 1,64 | 7,88 | 11,20 | 95 |
| | 2.5+2.5+4.2 | 1,85 | 1,85 | 3,10 | 1,96 | 6,80 | 8,12 | 0,36 | 1,71 | 2,58 | 1,64 | 7,83 | 11,81 | 95 |
| | 2.5+2.5+5.0 | 1,70 | 1,70 | 3,40 | 2,28 | 6,80 | 8,45 | 0,40 | 1,67 | 2,72 | 1,85 | 7,65 | 12,46 | 95 |
| | 2.5+2.5+6.0 | 1,55 | 1,55 | 3,71 | 2,42 | 6,80 | 8,74 | 0,40 | 1,65 | 2,67 | 1,85 | 7,56 | 12,22 | 95 |
| | 2.5+3.5+3.5 | 1,79 | 2,51 | 2,51 | 2,27 | 6,80 | 8,30 | 0,40 | 1,70 | 2,72 | 1,85 | 7,79 | 12,46 | 95 |
| | 2.5+3.5+4.2 | 1,67 | 2,33 | 2,80 | 2,27 | 6,80 | 8,43 | 0,40 | 1,69 | 2,82 | 1,85 | 7,74 | 12,91 | 95 |
| | 2.5+3.5+5.0 | 1,55 | 2,16 | 3,09 | 2,48 | 6,80 | 8,74 | 0,42 | 1,65 | 2,96 | 1,94 | 7,56 | 13,56 | 95 |
| | 2.5+4.2+4.2 | 1,56 | 2,62 | 2,62 | 2,27 | 6,80 | 8,49 | 0,40 | 1,68 | 2,87 | 1,85 | 7,69 | 13,12 | 95 |
| | 3.5+3.5+3.5 | 2,27 | 2,27 | 2,27 | 2,38 | 6,80 | 8,59 | 0,40 | 1,68 | 2,96 | 1,81 | 7,69 | 13,56 | 95 |

Notes

- The total capacity of each connected indoor unit is up to 11.0-kW.
- The values mentioned in this document are for connecting with the following indoor unit types:
 Wall-mounted - CTXA-AS, CTXA-AT, CTXA-AW, CTXA-BB, CTXA-B5, CTXA-BT, CTXM-M, CTXM-N, CTXM-R, FTXA-AS, FTXA-AT, FTXA-AW, FTXA-BB, FTXA-B5, FTXA-BT, FTXM-M, FTXM-N, FTXM-R, FTXI-AB, FTXI-AS, FTXI-AW series
- Cooling capacity conditions
 Indoor temperature -27°C DB / -19°C WB
 Outdoor temperature -35°C DB
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D106169.

4D139808B

4 Combination table

4 - 1 Combination Table

3MXM68A9

Heating -230V 50Hz-

| 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 | |
| | 1.5 | 2,70 | - | - | 1,20 | 2,70 | 4,08 | 0,34 | 0,72 | 1,22 | 1,55 | 3,35 | 5,59 | 95 |
| | 2.0 | 3,00 | - | - | 1,19 | 3,00 | 4,09 | 0,34 | 0,81 | 1,28 | 1,57 | 3,70 | 5,64 | 95 |
| | 2.5 | 3,40 | - | - | 1,22 | 3,40 | 4,30 | 0,35 | 1,02 | 1,37 | 1,61 | 4,72 | 6,08 | 95 |
| | 3.5 | 4,30 | - | - | 1,33 | 4,30 | 4,90 | 0,37 | 1,41 | 1,75 | 1,67 | 6,50 | 7,15 | 95 |
| | 4.2 | 4,90 | - | - | 1,44 | 4,90 | 5,70 | 0,40 | 1,58 | 2,04 | 1,82 | 7,25 | 7,15 | 95 |
| | 5.0 | 5,90 | - | - | 1,66 | 5,90 | 6,90 | 0,39 | 1,92 | 2,59 | 1,78 | 8,78 | 8,70 | 95 |
| | 6.0 | 7,20 | - | - | 1,88 | 7,20 | 8,91 | 0,37 | 2,39 | 2,64 | 1,69 | 10,94 | 12,08 | 95 |
| | 1.5+1.5 | 1,83 | 1,83 | - | 1,33 | 3,65 | 7,38 | 0,29 | 0,82 | 1,83 | 1,31 | 3,75 | 8,38 | 95 |
| | 1.5+2.0 | 1,76 | 2,34 | - | 1,39 | 4,10 | 7,76 | 0,30 | 0,94 | 1,99 | 1,37 | 4,31 | 9,09 | 95 |
| | 1.5+2.5 | 1,76 | 2,94 | - | 1,65 | 4,70 | 7,95 | 0,36 | 1,10 | 2,06 | 1,63 | 5,04 | 9,43 | 95 |
| | 1.5+3.5 | 1,77 | 4,13 | - | 1,80 | 5,90 | 8,50 | 0,37 | 1,45 | 2,35 | 1,68 | 6,61 | 10,74 | 95 |
| | 1.5+4.2 | 1,79 | 5,01 | - | 1,80 | 6,80 | 8,85 | 0,37 | 1,72 | 2,57 | 1,68 | 7,88 | 11,75 | 95 |
| | 1.5+5.0 | 1,80 | 6,00 | - | 2,18 | 7,80 | 10,38 | 0,45 | 2,03 | 2,91 | 2,06 | 9,27 | 13,31 | 95 |
| | 1.5+6.0 | 1,72 | 6,88 | - | 2,46 | 8,60 | 10,58 | 0,48 | 2,28 | 2,67 | 2,19 | 10,44 | 12,21 | 95 |
| | 2.0+2.0 | 2,40 | 2,40 | - | 1,65 | 4,80 | 7,95 | 0,36 | 1,01 | 2,31 | 1,63 | 4,63 | 9,47 | 95 |
| | 2.0+2.5 | 2,36 | 2,94 | - | 1,65 | 5,30 | 8,12 | 0,36 | 1,17 | 2,32 | 1,63 | 5,34 | 9,81 | 95 |
| | 2.0+3.5 | 2,36 | 4,14 | - | 1,80 | 6,50 | 8,67 | 0,37 | 1,52 | 2,43 | 1,68 | 6,94 | 11,12 | 95 |
| | 2.0+4.2 | 2,39 | 5,01 | - | 1,80 | 7,40 | 9,03 | 0,37 | 1,83 | 2,66 | 1,68 | 8,38 | 12,17 | 95 |
| | 2.0+5.0 | 2,37 | 5,93 | - | 2,18 | 8,30 | 10,56 | 0,45 | 2,18 | 3,00 | 2,06 | 9,98 | 13,73 | 95 |
| | 2.0+6.0 | 2,15 | 6,45 | - | 2,46 | 8,60 | 10,75 | 0,48 | 2,24 | 2,74 | 2,19 | 10,26 | 12,55 | 95 |
| | 2.5+2.5 | 2,95 | 2,95 | - | 1,65 | 5,90 | 8,49 | 0,36 | 1,33 | 2,36 | 1,63 | 6,08 | 10,78 | 95 |
| | 2.5+3.5 | 2,96 | 4,14 | - | 1,89 | 7,10 | 9,03 | 0,38 | 1,72 | 2,66 | 1,72 | 7,86 | 12,17 | 95 |
| | 2.5+4.2 | 2,99 | 5,01 | - | 1,89 | 8,00 | 9,29 | 0,38 | 2,03 | 2,82 | 1,72 | 9,31 | 12,93 | 95 |
| | 2.5+5.0 | 2,87 | 5,73 | - | 2,27 | 8,60 | 10,68 | 0,46 | 2,24 | 3,09 | 2,11 | 10,26 | 14,15 | 95 |
| | 2.5+6.0 | 2,53 | 6,07 | - | 2,55 | 8,60 | 10,88 | 0,50 | 2,22 | 2,77 | 2,28 | 10,17 | 12,67 | 95 |
| | 3.5+3.5 | 4,15 | 4,15 | - | 2,17 | 8,30 | 9,38 | 0,42 | 2,18 | 2,86 | 1,94 | 9,98 | 13,09 | 95 |
| | 3.5+4.2 | 3,91 | 4,69 | - | 2,17 | 8,60 | 9,47 | 0,42 | 2,26 | 2,91 | 1,94 | 10,35 | 13,31 | 95 |
| | 3.5+5.0 | 3,54 | 5,06 | - | 2,56 | 8,60 | 10,90 | 0,51 | 2,22 | 3,13 | 2,32 | 10,17 | 14,32 | 95 |
| | 3.5+6.0 | 3,17 | 5,43 | - | 2,74 | 8,60 | 11,01 | 0,52 | 2,21 | 2,76 | 2,37 | 10,12 | 12,63 | 95 |
| | 4.2+4.2 | 4,30 | 4,30 | - | 2,17 | 8,60 | 9,56 | 0,42 | 2,22 | 2,94 | 1,94 | 10,17 | 13,47 | 95 |
| | 4.2+5.0 | 3,93 | 4,67 | - | 2,56 | 8,60 | 10,91 | 0,51 | 2,21 | 3,19 | 2,32 | 10,12 | 14,61 | 95 |
| | 4.2+6.0 | 3,54 | 5,06 | - | 2,74 | 8,60 | 11,02 | 0,51 | 2,20 | 2,79 | 2,32 | 10,07 | 12,76 | 95 |
| | 5.0+5.0 | 4,30 | 4,30 | - | 2,94 | 8,60 | 11,10 | 0,59 | 2,17 | 3,11 | 2,71 | 9,94 | 14,23 | 95 |
| | 5.0+6.0 | 3,91 | 4,69 | - | 3,14 | 8,60 | 11,10 | 0,60 | 2,15 | 2,72 | 2,75 | 9,84 | 12,46 | 95 |
| | 1.5+1.5+1.5 | 1,83 | 1,83 | 1,83 | 1,80 | 5,50 | 9,92 | 0,37 | 1,13 | 2,26 | 1,69 | 5,15 | 10,36 | 95 |
| | 1.5+1.5+2.0 | 1,83 | 1,83 | 2,44 | 1,94 | 6,10 | 10,10 | 0,40 | 1,29 | 2,34 | 1,83 | 5,91 | 10,69 | 95 |
| | 1.5+1.5+2.5 | 1,83 | 1,83 | 3,05 | 2,09 | 6,70 | 10,18 | 0,42 | 1,48 | 2,37 | 1,93 | 6,80 | 10,86 | 95 |
| | 1.5+1.5+3.5 | 1,85 | 1,85 | 4,31 | 2,31 | 8,00 | 10,29 | 0,44 | 1,82 | 2,49 | 2,02 | 8,35 | 11,41 | 95 |
| | 1.5+1.5+4.2 | 1,79 | 1,79 | 5,02 | 2,31 | 8,60 | 10,29 | 0,44 | 2,03 | 2,49 | 2,02 | 9,30 | 11,41 | 95 |
| | 1.5+1.5+5.0 | 1,61 | 1,61 | 5,38 | 2,71 | 8,60 | 10,46 | 0,55 | 2,01 | 2,57 | 2,50 | 9,20 | 11,75 | 95 |
| 3MXM68N2V1B | 1.5+1.5+6.0 | 1,43 | 1,43 | 5,73 | 2,93 | 8,60 | 10,59 | 0,55 | 1,99 | 2,31 | 2,50 | 9,11 | 10,57 | 95 |
| 3MXM68N2V1B9 | 1.5+2.0+2.0 | 1,83 | 2,44 | 2,44 | 2,01 | 6,70 | 10,26 | 0,41 | 1,60 | 2,41 | 1,89 | 7,31 | 11,03 | 95 |
| 3MXM68A2V1B | 1.5+2.0+2.5 | 1,83 | 2,43 | 3,04 | 2,10 | 7,30 | 10,36 | 0,42 | 1,73 | 2,44 | 1,94 | 7,93 | 11,16 | 95 |
| 3MXM68A2V1B9 | 1.5+2.0+3.5 | 1,82 | 2,43 | 4,25 | 2,31 | 8,50 | 10,45 | 0,44 | 2,00 | 2,58 | 2,02 | 9,14 | 11,79 | 95 |
| | 1.5+2.0+4.2 | 1,68 | 2,23 | 4,69 | 2,31 | 8,60 | 10,46 | 0,44 | 2,01 | 2,57 | 2,02 | 9,20 | 11,75 | 95 |
| | 1.5+2.0+5.0 | 1,52 | 2,02 | 5,06 | 2,71 | 8,60 | 10,88 | 0,55 | 2,00 | 2,64 | 2,50 | 9,16 | 12,08 | 95 |
| | 1.5+2.0+6.0 | 1,36 | 1,81 | 5,43 | 2,93 | 8,60 | 10,89 | 0,55 | 1,98 | 2,38 | 2,50 | 9,07 | 10,91 | 95 |
| | 1.5+2.5+2.5 | 1,85 | 3,08 | 3,08 | 2,20 | 8,00 | 10,47 | 0,45 | 1,89 | 2,44 | 2,06 | 8,64 | 11,16 | 95 |
| | 1.5+2.5+3.5 | 1,72 | 2,87 | 4,01 | 2,40 | 8,60 | 10,58 | 0,47 | 2,02 | 2,57 | 2,15 | 9,25 | 11,75 | 95 |
| | 1.5+2.5+4.2 | 1,57 | 2,62 | 4,40 | 2,41 | 8,60 | 10,58 | 0,47 | 2,00 | 2,57 | 2,15 | 9,16 | 11,75 | 95 |
| | 1.5+2.5+5.0 | 1,43 | 2,39 | 4,78 | 2,81 | 8,60 | 11,00 | 0,56 | 1,99 | 2,64 | 2,58 | 9,11 | 12,08 | 95 |
| | 1.5+2.5+6.0 | 1,29 | 2,15 | 5,16 | 3,02 | 8,60 | 11,00 | 0,57 | 1,97 | 2,38 | 2,62 | 9,02 | 10,91 | 95 |
| | 1.5+3.5+3.5 | 1,52 | 3,54 | 3,54 | 2,69 | 8,60 | 10,59 | 0,55 | 1,99 | 2,57 | 2,50 | 9,11 | 11,75 | 95 |
| | 1.5+3.5+4.2 | 1,40 | 3,27 | 3,93 | 2,69 | 8,60 | 10,59 | 0,55 | 1,98 | 2,56 | 2,50 | 9,07 | 11,71 | 95 |
| | 1.5+3.5+5.0 | 1,29 | 3,01 | 4,30 | 3,00 | 8,60 | 10,93 | 0,62 | 1,97 | 2,59 | 2,84 | 9,02 | 11,87 | 95 |
| | 1.5+3.5+6.0 | 1,17 | 2,74 | 4,69 | 2,93 | 8,60 | 10,93 | 0,55 | 1,96 | 2,37 | 2,50 | 8,98 | 10,86 | 95 |
| | 1.5+4.2+4.2 | 1,30 | 3,65 | 3,65 | 2,69 | 8,60 | 10,68 | 0,55 | 1,98 | 2,59 | 2,50 | 9,07 | 11,87 | 95 |
| | 1.5+4.2+5.0 | 1,21 | 3,38 | 4,02 | 3,00 | 8,60 | 10,99 | 0,62 | 1,96 | 2,67 | 2,84 | 8,98 | 12,21 | 95 |
| | 2.0+2.0+2.0 | 2,50 | 2,50 | 2,50 | 2,01 | 7,50 | 10,44 | 0,41 | 1,65 | 2,48 | 1,89 | 7,57 | 11,37 | 95 |
| | 2.0+2.0+2.5 | 2,46 | 2,46 | 3,08 | 2,10 | 8,00 | 10,52 | 0,42 | 1,79 | 2,52 | 1,94 | 8,17 | 11,54 | 95 |
| | 2.0+2.0+3.5 | 2,29 | 2,29 | 4,01 | 2,31 | 8,60 | 10,63 | 0,44 | 2,04 | 2,65 | 2,02 | 9,34 | 12,13 | 95 |
| | 2.0+2.0+4.2 | 2,10 | 2,10 | 4,40 | 2,31 | 8,60 | 10,63 | 0,44 | 2,02 | 2,65 | 2,02 | 9,25 | 12,13 | 95 |
| | 2.0+2.0+5.0 | 1,91 | 1,91 | 4,78 | 2,71 | 8,60 | 10,82 | 0,55 | 2,00 | 2,72 | 2,50 | 9,16 | 12,46 | 95 |
| | 2.0+2.0+6.0 | 1,72 | 1,72 | 5,16 | 2,93 | 8,60 | 10,95 | 0,55 | 1,99 | 2,46 | 2,50 | 9,11 | 11,24 | 95 |
| | 2.0+2.5+2.5 | 2,43 | 3,04 | 3,04 | 2,20 | 8,50 | 10,54 | 0,43 | 1,95 | 2,61 | 1,98 | 8,91 | 11,96 | 95 |
| | 2.0+2.5+3.5 | 2,15 | 2,69 | 3,76 | 2,40 | 8,60 | 10,63 | 0,46 | 2,02 | 2,65 | 2,11 | 9,25 | 12,13 | 95 |
| | 2.0+2.5+4.2 | 1,98 | 2,47 | 4,15 | 2,41 | 8,60 | 10,64 | 0,46 | 2,01 | 2,64 | 2,11 | 9,20 | 12,08 | 95 |
| | 2.0+2.5+5.0 | 1,81 | 2,26 | 4,53 | 2,81 | 8,60 | 11,06 | 0,56 | 1,98 | 2,75 | 2,58 | 9,07 | 12,59 | 95 |
| | 2.0+2.5+6.0 | 1,64 | 2,05 | 4,91 | 3,02 | 8,60 | 11,07 | 0,56 | 1,98 | 2,43 | 2,58 | 9,07 | 11,12 | 95 |
| | 2.0+3.5+3.5 | 1,91 | 3,34 | 3,34 | 2,69 | 8,60 | 10,76 | 0,52 | 2,00 | 2,70 | 2,37 | 9,16 | 12,34 | 95 |
| | 2.0+3.5+4.2 | 1,77 | 3,10 | 3,72 | 2,69 | 8,60 | 10,76 | 0,52 | 1,99 | 2,69 | 2,37 | 9,11 | 12,29 | 95 |
| | 2.0+3.5+5.0 | 1,64 | 2,87 | 4,10 | 3,00 | 8,60 | 11,11 | 0,58 | 1,98 | 2,82 | 2,67 | 9,07 | 12,88 | 95 |
| | 2.0+4.2+4.2 | 1,65 | 3,47 | 3,47 | 2,69 | 8,60 | 10,77 | 0,52 | 1,97 | 2,69 | 2,37 | 9,02 | 12,29 | 95 |
| | 2.5+2.5+2.5 | 2,87 | 2,87 | 2,87 | 2,31 | 8,60 | 10,65 | 0,45 | 1,99 | 2,64 | 2,06 | 9,11 | 12,08 | 95 |
| | 2.5+2.5+3.5 | 2,53 | 2,53 | 3,54 | 2,50 | 8,60 | 10,87 | 0,48 | 1,99 | 2,72 | 2,19 | 9,11 | 12,46 | 95 |
| | 2.5+2.5+4.2 | 2,34 | 2,34 | 3,93 | 2,50 | 8,60 | 10,88 | 0,48 | 1,97 | 2,72 | 2,19 | 9,02 | 12,46 | 95 |
| | 2.5+2.5+5.0 | 2,15 | 2,15 | 4,30 | 2,91 | 8,60 | 11,07 | 0,58 | 1,96 | 2,78 | 2,67 | 8,98 | 12,72 | 95 |
| | 2.5+2.5+6.0 | 1,95 | 1,95 | 4,69 | 3,12 | 8,60 | 11,08 | 0,58 | 1,94 | 2,43 | 2,67 | 8,88 | 11,12 | 95 |
| | 2.5+3.5+3.5 | 2,26 | 3,17 | 3,17 | 2,78 | 8,60 | 11,00 | 0,53 | 1,96 | 2,72 | 2,41 | 8,98 | 12,46 | 95 |
| | 2.5+3.5+4.2 | 2,11 | 2,95 | 3,54 | 2,79 | 8,60 | 11,01 | 0,53 | 1,96 | 2,71 | 2,41 | 8,98 | 12,42 | 95 |
| | 2.5+3.5+5.0 | 1,95 | 2,74 | 3,91 | 3,19 | 8,60 | 11,08 | 0,60 | 1,90 | 2,74 | 2,75 | 8,70 | 12,55 | 95 |
| | 2.5+4.2+4.2 | 1,97 | 3,31 | 3,31 | 2,79 | 8,60 | 11,01 | 0,53 | 1,95 | 2,71 | 2,41 | 8,93 | 12,42 | 95 |
| | 3.5+3.5+3.5 | 2,87 | 2,87 | 2,87 | 2,98 | 8,60 | 11,06 | 0,57 | 1,94 | 2,79 | 2,62 | 8,88 | 12,76 | 95 |

Notes

- The total capacity of each connected indoor unit is up to -11.0 kW.
- 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 kW class
 Wall-mounted -CTXA-AS, CXTA-AT, CXTA-AW, CXTA-BB, CXTA-BS, CXTA-BT, CXTM-M, CXTM-N, CXTM-R, FTXA-AS, FTXA-AT, FTXA-AW, FTXA-BB, FTXA-BS, FTXA-BT, FTXM-M, FTXM-N, FTXM-R, FTXM-AB, FTXM-AS, FTXM-AW series
- Heating capacity conditions
 Indoor temperature -20°C DB
 Outdoor temperature -7°C DB / -6°C WB
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see -3D106169-

4D13

5 Capacity tables

5 - 1 Capacity Table Legend

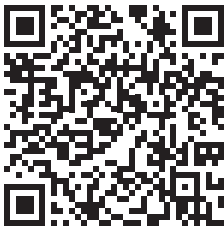
In order to fulfill more your requirements on quick access of data in the format you require, we have developed a tool to consult capacity tables.

Below you can find the link to the capacity table database and an overview of all the tools we have to help you select the correct product:

- **Capacity table database:** lets you find back and export quickly the capacity information you are looking for based upon unit model, refrigerant temperature and connection ratio.
- You can access the capacity table viewer here:
https://my.daikin.eu/content/denv/en_US/home/applications/software-finder/capacity-table-viewer.html



- An overview of **all software tools** that we offer can be found here:
https://my.daikin.eu/denv/en_US/home/applications/software-finder.html

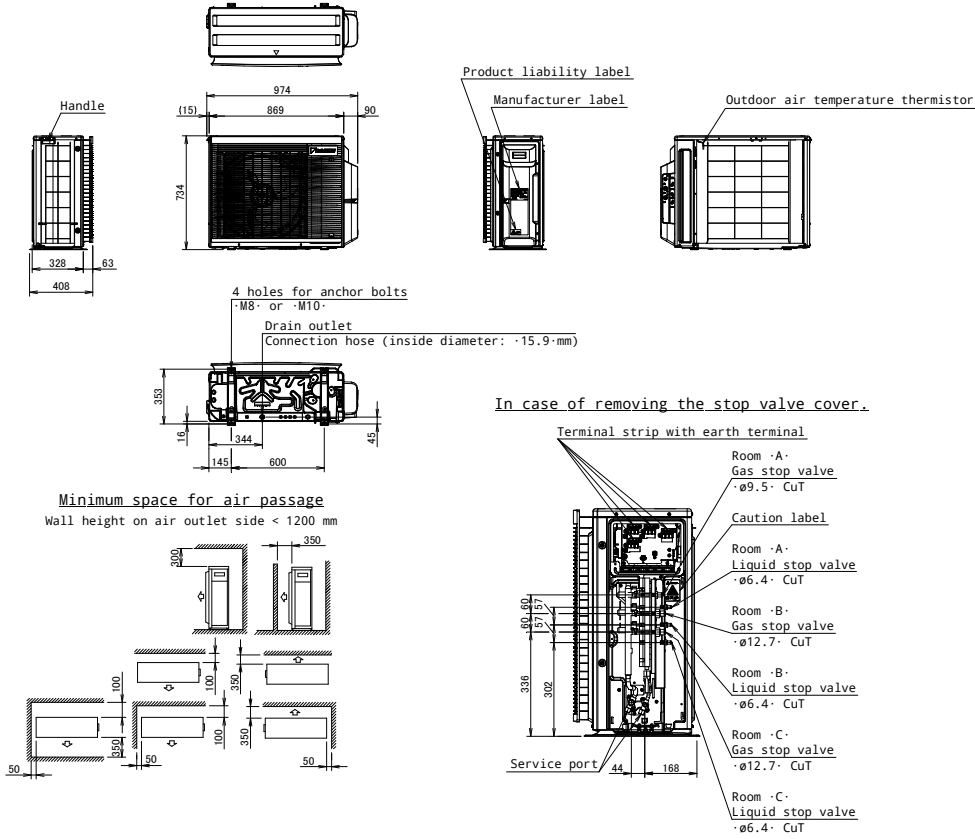


6 Dimensional drawings

6 - 1 Dimensional Drawings

6

3MXM-A9

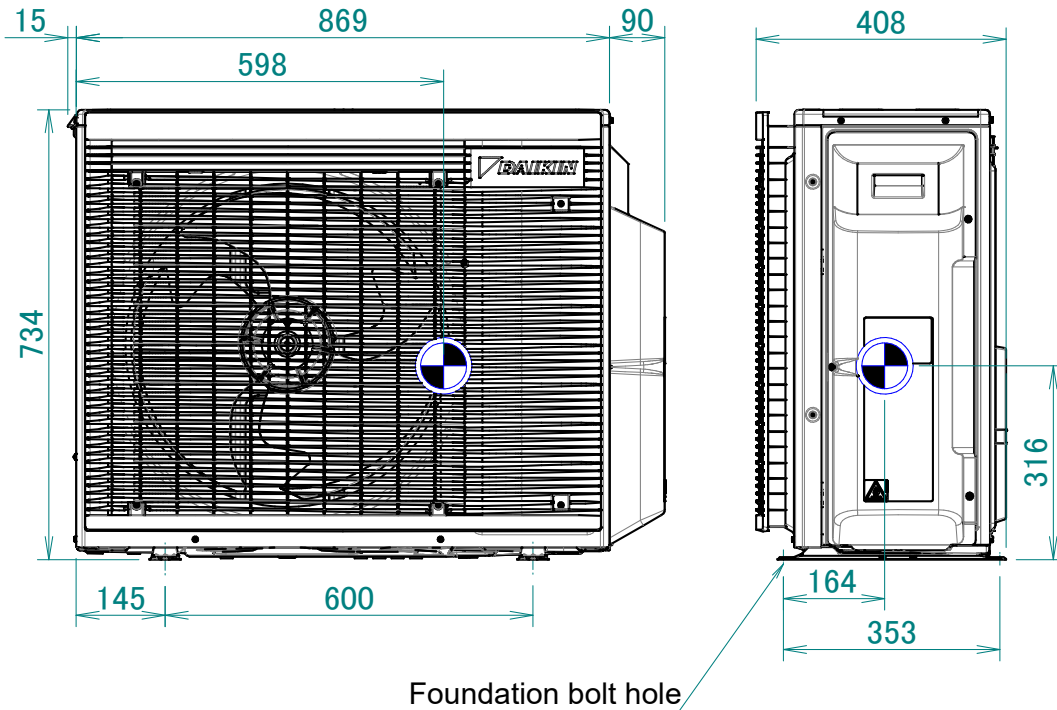


3D144278

7 Centre of gravity

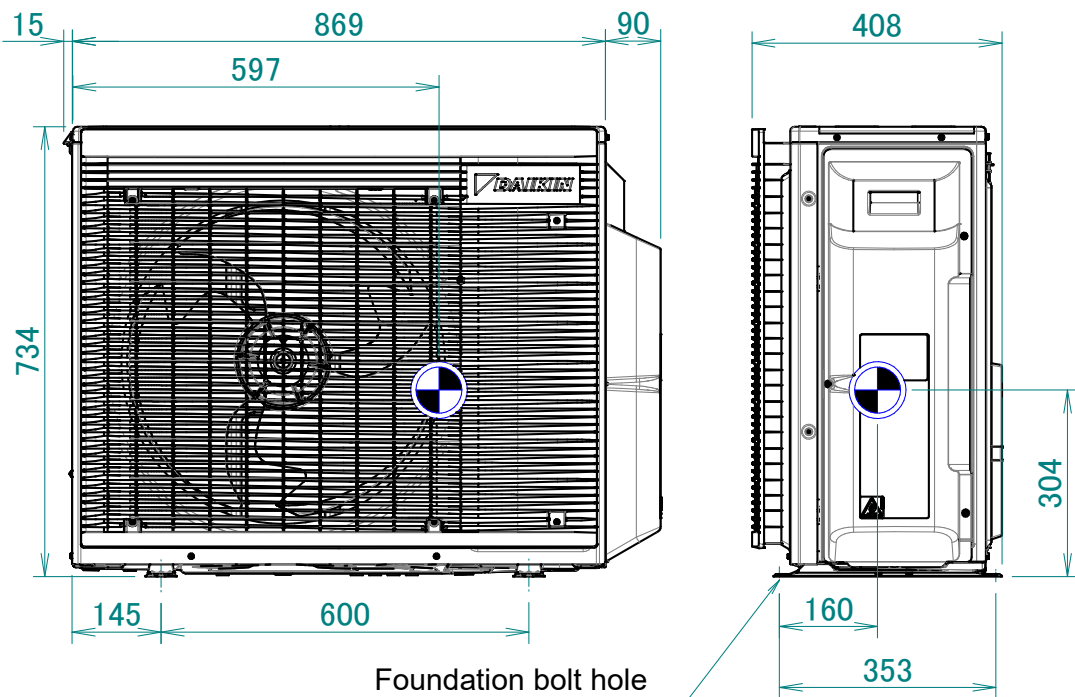
7 - 1 Centre of Gravity

3MXM40-52A9



4D139695

3MXM68A9



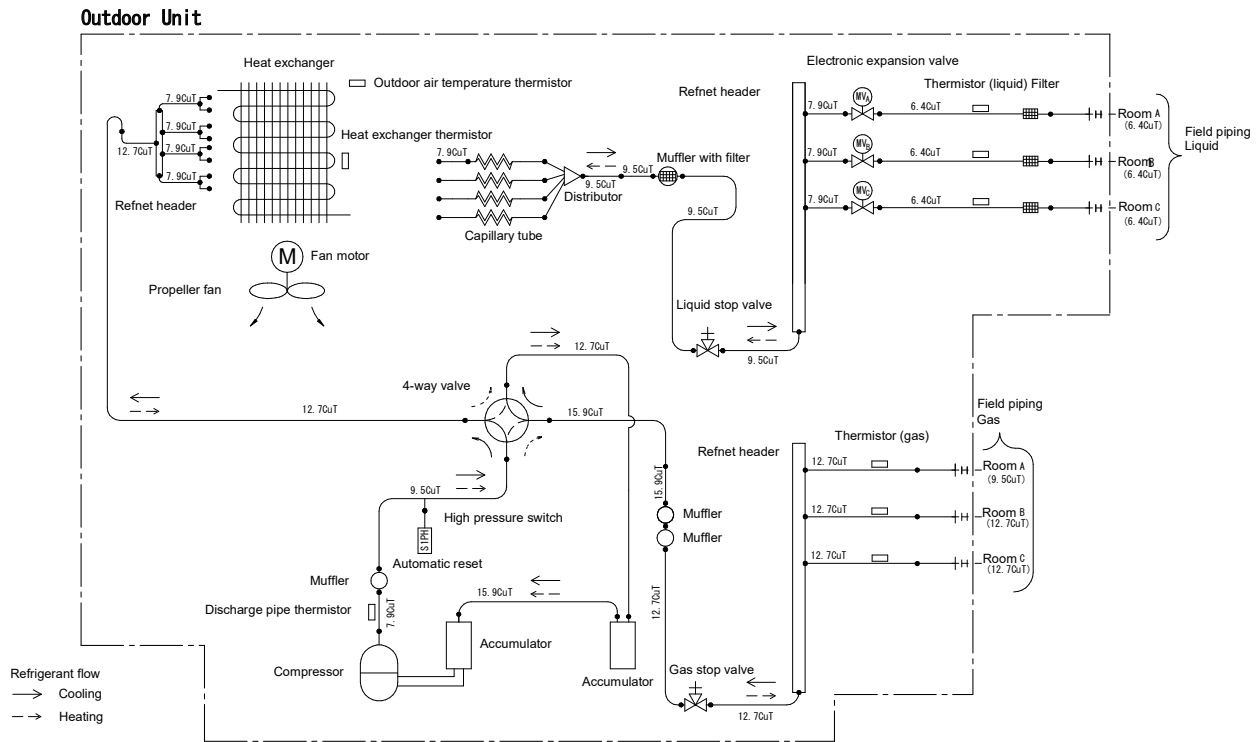
4D139696

8 Piping diagrams

8 - 1 Piping Diagrams

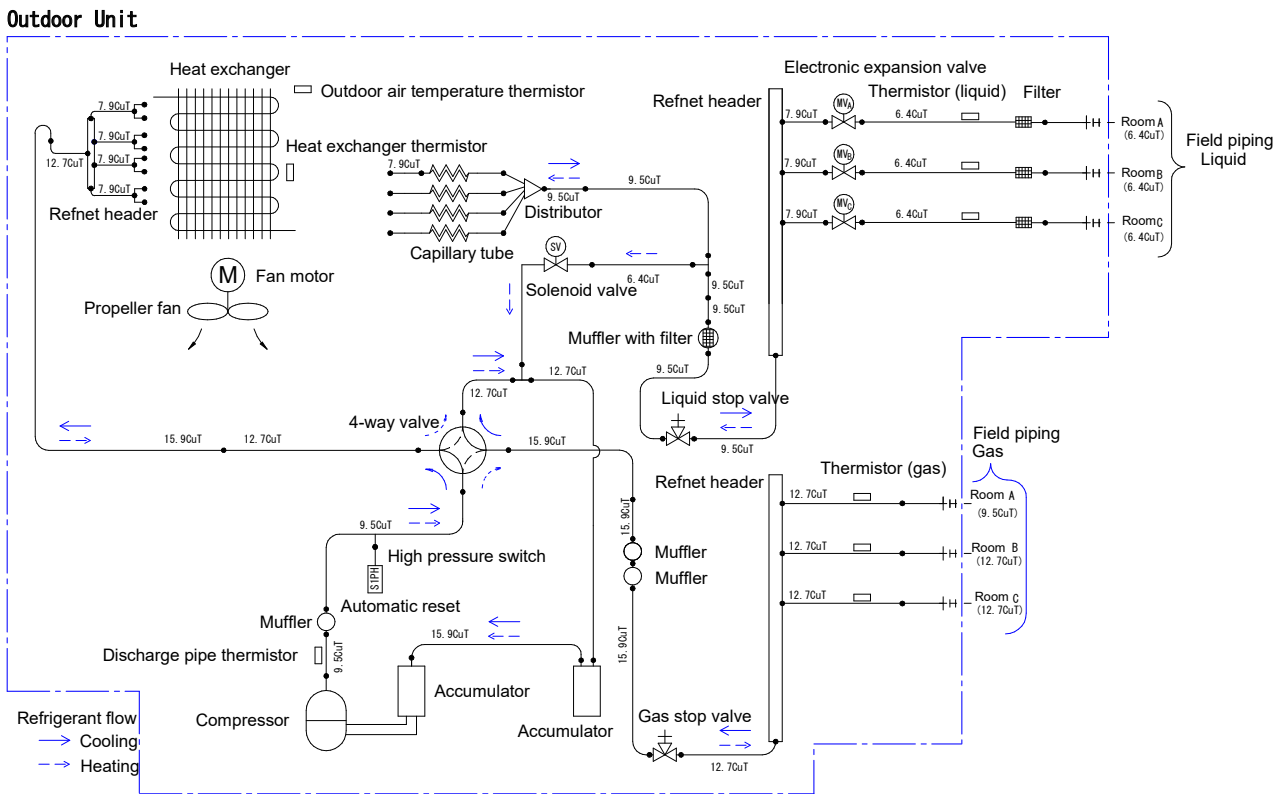
8

3MXM40-52A9



3D097989C

3MXM68A9

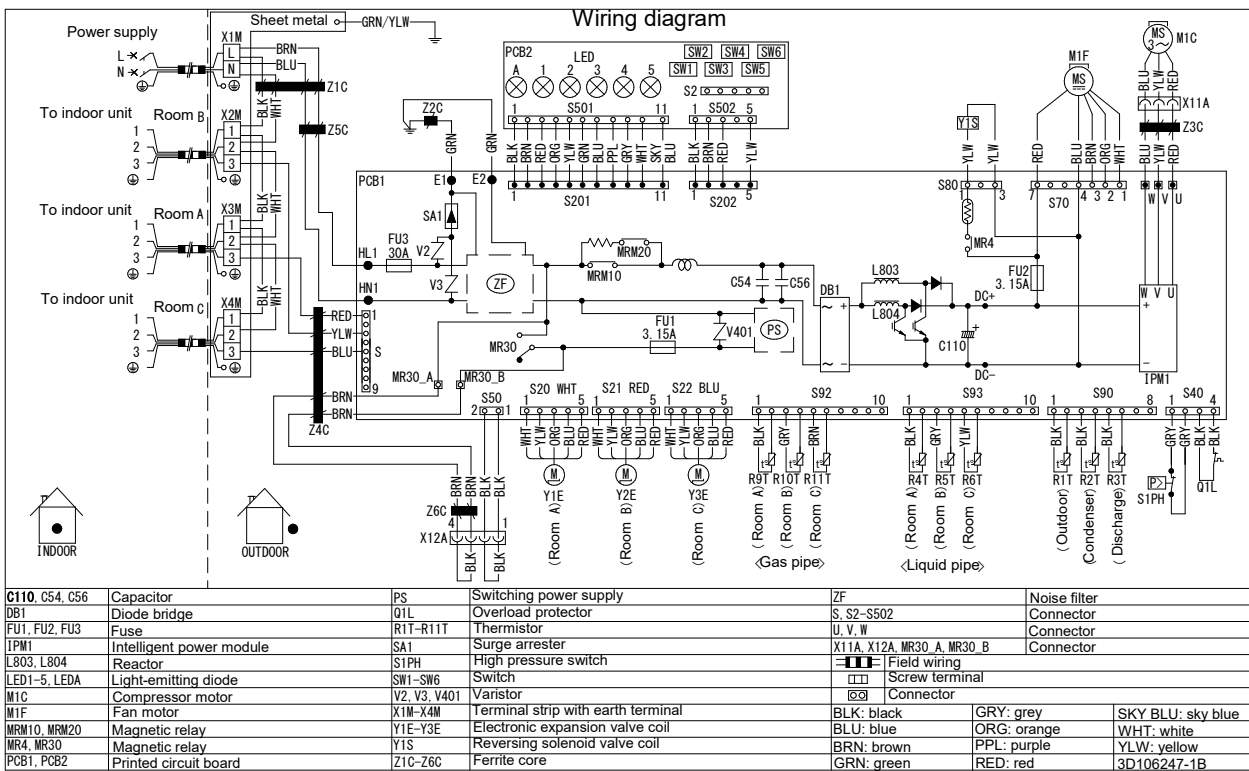


3D100777C

9 Wiring diagrams

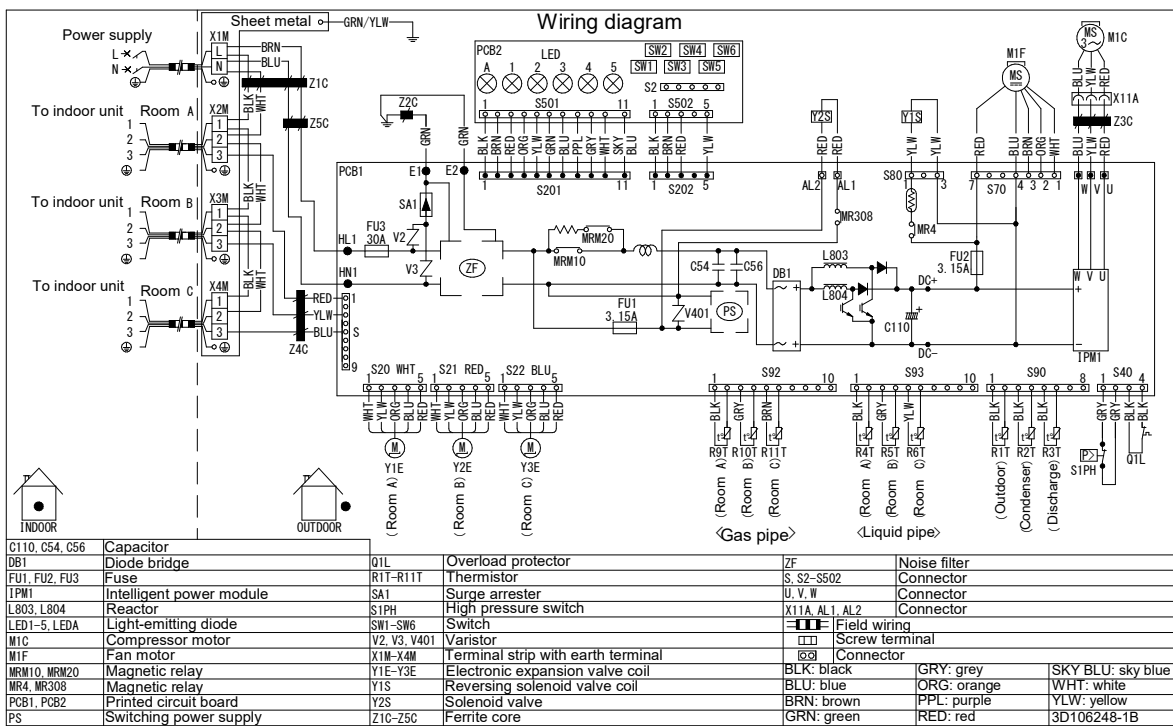
9 - 1 Wiring Diagrams - Single Phase

3MXM40-52A9



3D106247B

3MXM68A9



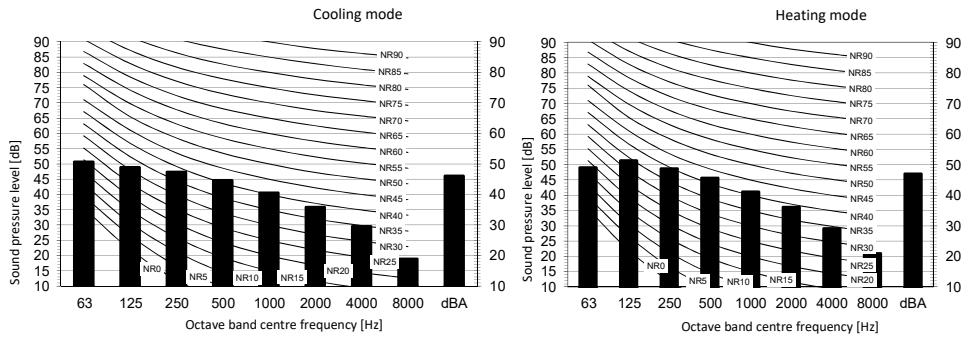
3D106248B

10 Sound data

10 - 1 Sound Pressure Spectrum

10

3MXM40-52A9



Legend

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

A Scale

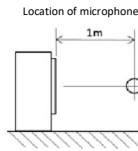
Cooling Total dB

Heating Total dB

B Fan speed: High

| | |
|-----|----|
| A | B |
| dBA | 46 |

| | |
|-----|----|
| A | B |
| dBA | 47 |

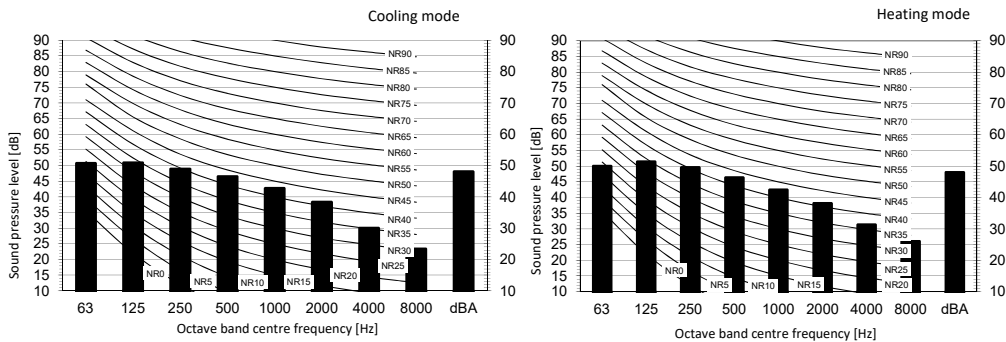


Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber
6. The values above are for connecting with the following indoor unit types:
1.5, 2.0, 2.5, 3.5, kW Class

3D106222B

2MXM68A9 3MXM68A9



Legend

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

A Scale

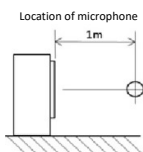
Cooling Total dB

Heating Total dB

B Fan speed: High

| | |
|-----|----|
| A | B |
| dBA | 48 |

| | |
|-----|----|
| A | B |
| dBA | 49 |



Notes

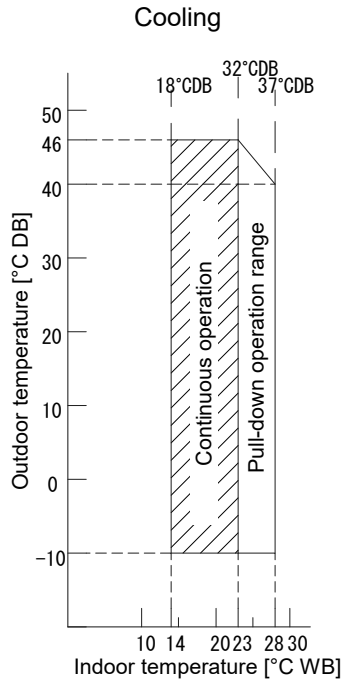
1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

3D106223B

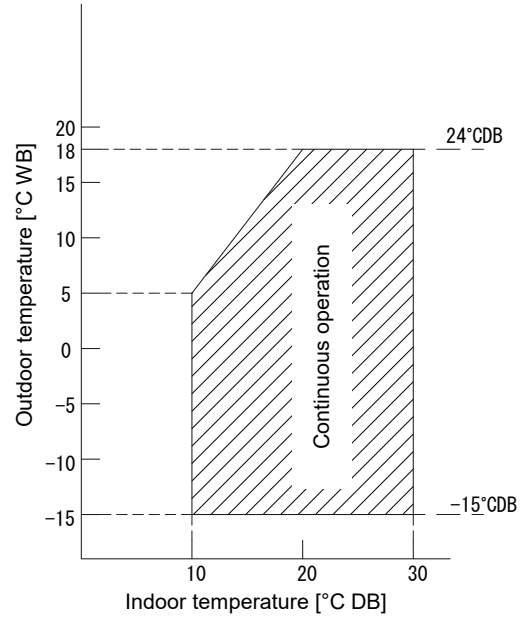
11 Operation range

11 - 1 Operation Range

2MXM-A9
3MXM-A9
4MXM-A9
5MXM-A9



Heating

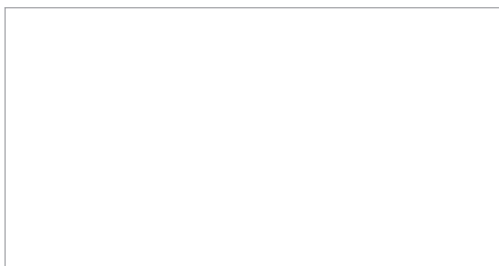


Notes

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

3D101376D

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02/2023



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