

Air Conditioning  
Technical Data

3MXM-N





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## 3MXM-N

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# 1 Features

- 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 Technical Specifications |                   |           |           |        | 3MXM40N                              |    | 3MXM52N |  | 3MXM68N    |    |  |
|------------------------------|-------------------|-----------|-----------|--------|--------------------------------------|----|---------|--|------------|----|--|
| Casing                       | Colour            |           |           |        | Ivory white                          |    |         |  |            |    |  |
| Dimensions                   | Unit              | Height    |           | mm     | 734                                  |    |         |  |            |    |  |
|                              |                   | Width     |           | mm     | 958                                  |    |         |  |            |    |  |
|                              |                   | Depth     |           | mm     | 340                                  |    |         |  |            |    |  |
|                              | Packed unit       | Height    |           | mm     | 820                                  |    |         |  |            |    |  |
|                              |                   | Width     |           | mm     | 1,050                                |    |         |  |            |    |  |
|                              |                   | Depth     |           | mm     | 480                                  |    | 840     |  |            |    |  |
| Weight                       | Unit              |           |           | kg     | 57                                   |    |         |  | 62         |    |  |
|                              | Packed unit       |           |           | kg     | 61                                   |    |         |  | 66         |    |  |
| Packing                      | Weight            |           |           | kg     | 4                                    |    |         |  |            |    |  |
| Heat exchanger               | Length            |           | mm        |        | 920 / 0                              |    | 920     |  |            |    |  |
|                              | Rows              |           | Quantity  |        | 2                                    |    |         |  |            |    |  |
|                              | Fin pitch         |           |           | mm     | 1.4                                  |    |         |  |            |    |  |
|                              | Stages            |           | Quantity  |        | 32                                   |    |         |  |            |    |  |
|                              | Tube type         |           |           |        | ø8 Hi-XA                             |    |         |  |            |    |  |
|                              | Fin               | Type      |           |        | WHS8 FIN-HYDROPHILIC                 |    |         |  |            |    |  |
|                              |                   | Treatment |           |        | Anti-corrosion treatment             |    |         |  |            |    |  |
| Compressor                   | Model             |           |           |        | 2YC40JXD#C                           |    |         |  | 2YC71DXD#C |    |  |
|                              | Type              |           |           |        | Hermetically sealed swing compressor |    |         |  |            |    |  |
|                              | Output            |           |           | W      | 1,300                                |    |         |  | 2,400      |    |  |
| Fan                          | Type              |           |           |        | Propeller                            |    |         |  |            |    |  |
|                              | Air flow rate     | Cooling   | High      | m³/min | 42                                   |    |         |  | 46.5       |    |  |
|                              |                   |           |           | cfm    | 1,483                                |    |         |  | 1,642      |    |  |
|                              |                   |           | Nom.      | m³/min | 42                                   |    |         |  | 42.5       |    |  |
|                              |                   |           |           | cfm    | 1,483                                |    |         |  | 1,501      |    |  |
|                              |                   |           | Super low | m³/min | 24                                   |    |         |  | 24.1       |    |  |
|                              |                   |           |           | cfm    | 847                                  |    |         |  | 851        |    |  |
|                              |                   | Heating   | High      | m³/min | 41                                   |    |         |  | 43.8       |    |  |
|                              |                   |           |           | cfm    | 1,447                                |    |         |  | 1,547      |    |  |
|                              |                   |           | Nom.      | m³/min | 41                                   |    |         |  | 43.8       |    |  |
|                              |                   |           |           | cfm    | 1,447                                |    |         |  | 1,547      |    |  |
|                              |                   |           | Super low | m³/min | 24                                   |    |         |  | 24.1       |    |  |
|                              |                   |           |           | cfm    | 847                                  |    |         |  | 851        |    |  |
|                              | Power consumption | Cooling   | Standard  | W      | 773                                  |    | 1,093   |  | -          |    |  |
|                              |                   |           |           | W      | 865                                  |    | 1,394   |  | -          |    |  |
| Fan motor                    | Model             |           |           |        | D55F-31                              |    |         |  |            |    |  |
|                              | Output            |           |           | W      | 55                                   |    |         |  |            |    |  |
|                              | Speed             | Cooling   | High      | rpm    | 700                                  |    |         |  | 760        |    |  |
|                              |                   |           | Nom.      | rpm    | 700                                  |    |         |  |            |    |  |
|                              |                   |           | Low       | rpm    | -                                    |    |         |  | 420        |    |  |
|                              |                   |           | Super low | rpm    | 420                                  |    |         |  | -          |    |  |
|                              |                   | Heating   | High      | rpm    | 680                                  |    |         |  | 720        |    |  |
|                              |                   |           | Nom.      | rpm    | 680                                  |    |         |  | 720        |    |  |
|                              |                   |           | Low       | rpm    | -                                    |    |         |  | 420        |    |  |
|                              |                   |           | Super low | rpm    | 420                                  |    |         |  | -          |    |  |
| Sound power level            | Cooling           |           |           | dBA    | 59                                   |    |         |  | 61         |    |  |
|                              | Heating           |           |           | dBA    | 59                                   |    |         |  | 61         |    |  |
| Sound pressure level         | Cooling           |           | Nom.      |        | dBA                                  | 46 |         |  |            | 48 |  |
|                              | Heating           |           | Nom.      |        | dBA                                  | 47 |         |  |            | 48 |  |
| Operation range              | Cooling           | Ambient   | Min.      | °CDB   | -10                                  |    |         |  |            |    |  |
|                              |                   |           | Max.      | °CDB   | 46                                   |    |         |  |            |    |  |
|                              | Heating           | Ambient   | Min.      | °CWB   | -15                                  |    |         |  |            |    |  |
|                              |                   |           | Max.      | °CWB   | 18                                   |    |         |  |            |    |  |

## 2 Specifications

| 2-1 Technical Specifications |                               |          |                    |      | 3MXM40N                                | 3MXM52N | 3MXM68N |
|------------------------------|-------------------------------|----------|--------------------|------|----------------------------------------|---------|---------|
| Refrigerant                  | Type                          |          |                    |      | R-32                                   |         |         |
|                              | Charge                        |          | kg                 | 1.80 |                                        | 2.00    |         |
|                              |                               |          | TCO <sub>2eq</sub> | 1.2  |                                        | 1.4     |         |
|                              | GWP                           |          |                    |      | 675                                    |         |         |
| Piping connections           | Liquid                        | Quantity |                    |      | 3                                      |         |         |
|                              |                               | OD       | mm                 |      | 6.35                                   |         |         |
|                              | Gas                           | Quantity |                    |      | 1                                      |         |         |
|                              |                               | OD       | mm                 |      | 9.5                                    |         |         |
|                              | Drain                         | ID       | mm                 |      | 16                                     |         |         |
|                              | Gas 2                         | Quantity |                    |      | 2                                      |         |         |
|                              |                               | OD       | mm                 |      | 12.7                                   |         |         |
|                              | Piping length                 | OU - IU  | Max.               | m    | 25                                     |         |         |
|                              | Additional refrigerant charge |          |                    | kg/m | 0.02 (for piping length exceeding 30m) |         |         |
|                              | Level difference              | IU - OU  | Max.               | m    | 15                                     |         |         |
|                              |                               | IU - IU  | Max.               | m    | 7.5                                    |         |         |
|                              | Heat insulation               |          |                    |      | Both liquid and gas pipes              |         |         |
| Total piping length          | System                        | Actual   | m                  | 50   |                                        |         |         |
| Refrigerant oil              | Type                          |          |                    |      | FW68DA                                 |         |         |
|                              | Charged volume                |          | l                  | 0.65 |                                        | 0.90    |         |

Standard Accessories : Installation manual; Quantity : 1;

Standard Accessories : Screw bag; Quantity : 1;

Standard Accessories : Drain plug; Quantity : 1;

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

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

Standard Accessories : Reducer assembly; Quantity : 1;

| 2-2 Electrical Specifications |                               |         |   |    | 3MXM40N | 3MXM52N | 3MXM68N |
|-------------------------------|-------------------------------|---------|---|----|---------|---------|---------|
| Power supply                  | Name                          |         |   |    | V1      |         |         |
|                               | Phase                         |         |   |    | 1~      |         |         |
|                               | Frequency                     |         |   | Hz | 50      |         |         |
|                               | Voltage                       |         |   | V  | 220-240 |         |         |
| Current - 50Hz                | Maximum fuse amps (MFA)       |         |   | A  | 30      |         |         |
| Current                       | Nominal running current (RLA) | Cooling | A |    | 3.78    | 5.34    | 8.37    |
|                               |                               | Heating | A |    | 4.23    | 6.81    | 9.49    |
|                               | Starting current              | Cooling | A |    | 4.1     | 4.6     | 9.8     |
|                               |                               | Heating | A |    | 4.1     | 4.6     | 9.8     |
| Current - 60Hz                | Maximum fuse amps (MFA)       |         |   | A  | -       |         |         |

### Notes

Contains fluorinated greenhouse gases

# 3 Electrical data

## 3 - 1 Electrical Data

### 3MXM40-52N

| Model       |            | Unit |         |      |      | Power supply |     | COMP. |      | OFM   |      |
|-------------|------------|------|---------|------|------|--------------|-----|-------|------|-------|------|
| Outdoor     | H/P<br>C/O | Hz   | Voltage | MIN. | MAX. | MCA          | MFA | MSC   | RLA  | kW    | FLA  |
| 3MXM40N2V1B | H/P        | 50   | 220     | 198  | 242  | 15.8         | 30  | 4.1   | 3.13 | 0.056 | 0.37 |
|             |            |      | 230     | 207  | 253  |              |     |       | 2.99 |       |      |
|             |            |      | 240     | 216  | 264  |              |     |       | 2.87 |       |      |
| 3MXM52N2V1B | H/P        | 50   | 220     | 198  | 242  | 15.8         | 30  | 5.5   | 4.97 | 0.056 | 0.37 |
|             |            |      | 230     | 207  | 253  |              |     |       | 4.75 |       |      |
|             |            |      | 240     | 216  | 264  |              |     |       | 4.55 |       |      |

#### Symbols

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

#### Notes

- The RLA is based on the following conditions.  
Cooling  
Indoor temperature : 27 ° C DB / - 19 ° C WB  
Outdoor temperature : 35 ° C DB
- Voltage range  
The units are suitable for use with electrical system in which the voltage supplied to the unit terminals is not below or above the listed range limits.
- The maximum allowable voltage that is unbalanced between phases is : 2 %.
- Select the wire size according to the MCA.
- MFA is used to select the circuit breaker and the ground fault circuit interruptor.  
Earth leakage circuit breaker

3D106203

### 3MXM68N

| Model       |            | Unit |         |      |      | Power supply |     | COMP. |       | OFM   |      |
|-------------|------------|------|---------|------|------|--------------|-----|-------|-------|-------|------|
| Outdoor     | H/P<br>C/O | Hz   | Voltage | MIN. | MAX. | MCA          | MFA | MSC   | RLA   | kW    | FLA  |
| 3MXM68N2V1B | H/P        | 50   | 220     | 198  | 242  | 21.0         | 30  | 9.8   | 8.76  | 0.056 | 0.37 |
|             |            |      | 230     | 207  | 253  |              |     |       | 8.37  |       |      |
|             |            |      | 240     | 216  | 264  |              |     |       | 8.03  |       |      |
| 4MXM68N2V1B | H/P        | 50   | 220     | 198  | 242  | 21.0         | 30  | 8.3   | 7.65  | 0.056 | 0.37 |
|             |            |      | 230     | 207  | 253  |              |     |       | 7.31  |       |      |
|             |            |      | 240     | 216  | 264  |              |     |       | 7.01  |       |      |
| 4MXM80N2V1B | H/P        | 50   | 220     | 198  | 242  | 21.0         | 30  | 11.2  | 9.32  | 0.075 | 0.50 |
|             |            |      | 230     | 207  | 253  |              |     |       | 8.91  |       |      |
|             |            |      | 240     | 216  | 264  |              |     |       | 8.54  |       |      |
| 5MXM90N2V1B | H/P        | 50   | 220     | 198  | 242  | 24.5         | 30  | 11.8  | 10.40 | 0.075 | 0.50 |
|             |            |      | 230     | 207  | 253  |              |     |       | 9.94  |       |      |
|             |            |      | 240     | 216  | 264  |              |     |       | 9.53  |       |      |

#### Symbols

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

#### Notes

- The RLA is based on the following conditions.  
Cooling  
Indoor temperature : 27 ° C DB / - 19 ° C WB  
Outdoor temperature : 35 ° C DB
- Voltage range  
The units are suitable for use with electrical system in which the voltage supplied to the unit terminals is not below or above the listed range limits.
- The maximum allowable voltage that is unbalanced between phases is : 2 %.
- Select the wire size according to the MCA.
- MFA is used to select the circuit breaker and the ground fault circuit interruptor.  
Earth leakage circuit breaker

3D106208

# 4 Combination table

## 4 - 1 Combination Table

### 3MXM-N

In the combination table, the DHW generator for Multi or Hybrid for Multi is indicated by a capacity index.  
For the DHW generator for Multi, the capacity index is "2.0". For the Hybrid for Multi, the applicable capacity index is indicated on the applicable 'Technical specifications' datasheet.  
If the DHW generator for Multi or Hybrid for Multi is present in the system, then only combinations that contain their respective capacity index are allowed combinations. Disregard all other combinations.

Example – DHW generator for Multi

| Example: allowed combinations – with DHW generator for Multi |                                                                               |
|--------------------------------------------------------------|-------------------------------------------------------------------------------|
| 2.0 + 2.5 + 2.5                                              | DHW generator for Multi + 2.5 kW class indoor unit + 2.5 kW class indoor unit |
| 1.5+ 1.5 + 2.0                                               | 1.5 kW class indoor unit + 1.5 kW class indoor unit + DHW generator for Multi |
| 2.0 + 2.0                                                    | 2.0 kW class indoor unit + DHW generator for Multi                            |
| ...                                                          | ...                                                                           |

To determine the heating/cooling capacity of the system, only take into account the capacity class of the air conditioner indoor units. Ignore the capacity index of the DHW generator for Multi / Hybrid for Multi.

Example

1.5 kW class indoor unit + 1.5 kW class indoor unit + DHW generator for Multi = 1.5 + 1.5 + 2.0  
Heating/cooling (Note 1) = 1.5 + 1.5

Combination table

| OUTDOOR UNIT | INDOOR UNIT     | COOLING CAPACITY (kW) |        |        | TOTAL CAPACITY (kW) |      |      | POWER INPUT COOLING (kW) |      |      | TOTAL CURRENT (A) |      |      | POWER FACTOR (%) |
|--------------|-----------------|-----------------------|--------|--------|---------------------|------|------|--------------------------|------|------|-------------------|------|------|------------------|
|              |                 | A ROOM                | B ROOM | C ROOM | Min.                | Nom. | Max. | Min.                     | Nom. | Max. | Min.              | Nom. | Max. |                  |
| 3MXM52N      | 1.50            | 1.50                  | ---    | ---    | 1.40                | 1.50 | 2.20 | 0.30                     | 0.30 | 0.40 | 1.50              | 1.60 | 2.2  | 91               |
|              | 2.00            | 2.00                  | ---    | ---    | 1.40                | 2.00 | 2.80 | 0.30                     | 0.40 | 0.71 | 1.50              | 2.30 | 3.4  | 91               |
|              | 2.50            | ---                   | ---    | ---    | 1.40                | 2.50 | 3.10 | 0.30                     | 0.50 | 0.60 | 1.50              | 3.00 | 3.9  | 91               |
|              | 3.50            | ---                   | ---    | ---    | 1.40                | 3.50 | 4.10 | 0.30                     | 0.90 | 1.10 | 1.50              | 4.00 | 5.7  | 91               |
|              | 1.5+1.5         | 1.50                  | 1.50   | ---    | 1.40                | 3.00 | 4.20 | 0.30                     | 0.50 | 1.14 | 1.60              | 2.90 | 5.64 | 91               |
|              | 1.5+2.0         | 1.50                  | 2.00   | ---    | 1.40                | 3.50 | 4.20 | 0.30                     | 0.71 | 1.12 | 1.60              | 3.40 | 5.50 | 91               |
|              | 1.5+2.5         | 1.50                  | 2.50   | ---    | 1.40                | 4.00 | 4.20 | 0.30                     | 0.60 | 1.10 | 1.60              | 4.11 | 5.50 | 91               |
|              | 1.5+3.5         | 1.50                  | 2.50   | ---    | 1.40                | 4.00 | 4.20 | 0.30                     | 0.90 | 1.00 | 1.60              | 4.07 | 5.50 | 91               |
|              | 2.0+2.0         | 2.00                  | 2.00   | ---    | 1.40                | 4.00 | 4.20 | 0.30                     | 0.60 | 1.00 | 1.60              | 4.02 | 5.50 | 91               |
|              | 2.0+2.5         | 1.78                  | 2.22   | ---    | 1.40                | 4.00 | 4.20 | 0.30                     | 0.60 | 1.07 | 1.60              | 3.97 | 5.50 | 91               |
|              | 2.5+2.5         | 1.40                  | 2.50   | ---    | 1.40                | 4.00 | 4.20 | 0.30                     | 0.60 | 1.00 | 1.60              | 3.97 | 5.50 | 91               |
|              | 2.5+2.5         | 2.00                  | 2.00   | ---    | 1.40                | 4.00 | 4.20 | 0.30                     | 0.60 | 1.00 | 1.60              | 3.97 | 5.50 | 91               |
|              | 2.5+3.5         | 1.67                  | 2.33   | ---    | 1.40                | 4.00 | 4.20 | 0.30                     | 0.60 | 1.01 | 1.60              | 3.92 | 5.50 | 91               |
|              | 3.5+3.5         | 2.00                  | 2.00   | ---    | 1.40                | 4.00 | 4.20 | 0.30                     | 0.60 | 0.99 | 1.60              | 3.92 | 5.11 | 91               |
|              | 1.5+1.5+1.5     | 1.50                  | 1.50   | 1.50   | 1.70                | 4.00 | 4.00 | 0.30                     | 0.77 | 0.90 | 1.74              | 3.71 | 4.69 | 91               |
|              | 1.5+1.5+2.0     | 1.50                  | 1.50   | 2.00   | 1.60                | 4.00 | 4.00 | 0.30                     | 0.77 | 0.90 | 1.74              | 3.69 | 4.69 | 91               |
|              | 1.5+1.5+2.5     | 1.50                  | 1.50   | 2.50   | 1.60                | 4.00 | 4.00 | 0.30                     | 0.77 | 0.90 | 1.74              | 3.64 | 4.69 | 91               |
|              | 1.5+2.0+2.0     | 1.50                  | 2.00   | 2.00   | 1.70                | 4.00 | 4.00 | 0.30                     | 0.77 | 0.90 | 1.74              | 3.64 | 4.69 | 91               |
|              | 1.5+2.0+2.5     | 1.50                  | 2.00   | 2.50   | 1.70                | 4.00 | 4.00 | 0.30                     | 0.77 | 0.90 | 1.74              | 3.64 | 4.69 | 91               |
|              | 1.5+2.5+2.5     | 1.50                  | 2.50   | 2.50   | 1.70                | 4.00 | 4.00 | 0.30                     | 0.77 | 0.90 | 1.74              | 3.64 | 4.69 | 91               |
|              | 2.0+2.0+2.0     | 2.00                  | 2.00   | 2.00   | 1.70                | 4.00 | 4.00 | 0.30                     | 0.77 | 0.90 | 1.74              | 3.64 | 4.69 | 91               |
|              | 2.0+2.0+2.5     | 2.00                  | 2.00   | 2.50   | 1.70                | 4.00 | 4.00 | 0.30                     | 0.77 | 0.90 | 1.74              | 3.64 | 4.69 | 91               |
|              | 2.0+2.5+2.5     | 2.00                  | 2.50   | 2.50   | 1.70                | 4.00 | 4.00 | 0.30                     | 0.77 | 0.90 | 1.74              | 3.64 | 4.69 | 91               |
|              | 2.5+2.5+2.5     | 2.50                  | 2.50   | 2.50   | 1.70                | 4.00 | 4.00 | 0.30                     | 0.77 | 0.90 | 1.74              | 3.64 | 4.69 | 91               |
|              | 1.5+1.5+1.5+1.5 | 1.50                  | 1.50   | 1.50   | 1.70                | 4.00 | 4.00 | 0.30                     | 0.77 | 0.90 | 1.74              | 3.64 | 4.69 | 91               |
|              | 1.5+1.5+1.5+2.0 | 1.50                  | 1.50   | 1.50   | 1.70                | 4.00 | 4.00 | 0.30                     | 0.77 | 0.90 | 1.74              | 3.64 | 4.69 | 91               |
|              | 1.5+1.5+1.5+2.5 | 1.50                  | 1.50   | 1.50   | 1.70                | 4.00 | 4.00 | 0.30                     | 0.77 | 0.90 | 1.74              | 3.64 | 4.69 | 91               |
|              | 1.5+2.0+2.0+2.0 | 1.50                  | 2.00   | 2.00   | 1.70                | 4.00 | 4.00 | 0.30                     | 0.77 | 0.90 | 1.74              | 3.64 | 4.69 | 91               |
|              | 1.5+2.0+2.0+2.5 | 1.50                  | 2.00   | 2.50   | 1.70                | 4.00 | 4.00 | 0.30                     | 0.77 | 0.90 | 1.74              | 3.64 | 4.69 | 91               |
|              | 1.5+2.5+2.5+2.5 | 1.50                  | 2.50   | 2.50   | 1.70                | 4.00 | 4.00 | 0.30                     | 0.77 | 0.90 | 1.74              | 3.64 | 4.69 | 91               |

Performance characteristics

| ①       | ②       | Indoor air temperature [°C WB] |      |      |      |      |      |      |      |      |      |      |      |
|---------|---------|--------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|         |         | 14°C                           |      |      | 16°C |      |      | 18°C |      |      | 19°C |      |      |
|         |         | TC                             | PI   | TC   | TC   | PI   | TC   | TC   | PI   | TC   | TC   | PI   | TC   |
| 1.5+1.5 | 1.5+1.5 | kW                             | kW   | kW   | kW   | kW   | kW   | kW   | kW   | kW   | kW   | kW   | kW   |
|         |         | 22.0                           | 3.50 | 0.50 | 4.51 | 0.83 | 4.78 | 0.86 | 4.92 | 0.89 | 5.33 | 0.92 | 5.61 |
|         |         | 25.0                           | 3.50 | 0.60 | 4.34 | 0.89 | 4.62 | 0.92 | 4.76 | 0.93 | 5.17 | 0.98 | 5.44 |
|         |         | 32.0                           | 3.50 | 0.90 | 3.95 | 1.03 | 4.23 | 1.06 | 4.37 | 1.08 | 4.79 | 1.12 | 5.05 |
|         |         | 35.0                           | 3.50 | 1.06 | 3.79 | 1.10 | 4.06 | 1.13 | 4.20 | 1.14 | 4.61 | 1.19 | 4.89 |
|         |         | 40.0                           | 3.24 | 1.18 | 3.51 | 1.21 | 3.79 | 1.24 | 3.92 | 1.26 | 4.33 | 1.31 | 4.61 |
| 1.5+1.5 | 1.5+1.5 | 43.0                           | 3.07 | 1.26 | 3.34 | 1.29 | 3.62 | 1.32 | 3.76 | 1.33 | 4.17 | 1.38 | 4.44 |
|         |         | 46.0                           | 2.87 | 1.30 | 3.10 | 1.30 | 3.34 | 1.30 | 3.45 | 1.30 | 3.79 | 1.30 | 4.00 |

#### Notes

- The heating capacity data are ONLY valid for heating operation by the air conditioner indoor units when there is NO domestic hot water operation by the DHW generator for Multi or heating operation by the Hybrid for Multi.
- The DHW generator for Multi and Hybrid for Multi cannot be used as standalone units.
- The system can only contain either the DHW generator for Multi or the Hybrid for Multi.
- The system can only contain one DHW generator for Multi or Hybrid for Multi.
- The Hybrid for Multi can only be combined with 3MXM52/68N2V1B, 4MXM68/80N2V1B, 5MXM90N2V1B outdoor units.

3D106169A

# 4 Combination table

## 4 - 1 Combination Table

### 3MXM40N

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 | Min.                | Nom. | Max. | Min.             | Nom. | Max. | Min.              | Nom. | Max. |                  |
| 3MXM40N*     | 1,5         | 1,50                  | ---    | ---    | 1,4                 | 1,50 | 2,20 | 0,32             | 0,35 | 0,46 | 1,52              | 1,63 | 2,20 | 91,00            |
|              | 2           | 2,00                  | ---    | ---    | 1,4                 | 2,00 | 2,90 | 0,32             | 0,48 | 0,71 | 1,52              | 2,28 | 3,40 | 91,00            |
|              | 2,5         | 2,50                  | ---    | ---    | 1,4                 | 2,50 | 3,10 | 0,32             | 0,64 | 0,82 | 1,52              | 3,05 | 3,90 | 91,00            |
|              | 3,5         | 3,50                  | ---    | ---    | 1,4                 | 3,50 | 4,10 | 0,32             | 0,98 | 1,19 | 1,52              | 4,68 | 5,70 | 91,00            |
|              | 1.5+1.5     | 1,50                  | 1,50   | ---    | 1,6                 | 3,00 | 4,20 | 0,34             | 0,59 | 1,14 | 1,63              | 2,82 | 5,44 | 91,00            |
|              | 1.5+2.0     | 1,50                  | 2,00   | ---    | 1,6                 | 3,50 | 4,20 | 0,34             | 0,71 | 1,12 | 1,63              | 3,40 | 5,33 | 91,00            |
|              | 1.5+2.5     | 1,50                  | 2,50   | ---    | 1,6                 | 4,00 | 4,20 | 0,34             | 0,86 | 1,10 | 1,63              | 4,11 | 5,33 | 91,00            |
|              | 1.5+3.5     | 1,20                  | 2,80   | ---    | 1,6                 | 4,00 | 4,20 | 0,34             | 0,85 | 1,08 | 1,63              | 4,07 | 5,33 | 91,00            |
|              | 2.0+2.0     | 2,00                  | 2,00   | ---    | 1,6                 | 4,00 | 4,50 | 0,34             | 0,84 | 1,09 | 1,63              | 4,02 | 5,22 | 91,00            |
|              | 2.0+2.5     | 1,78                  | 2,22   | ---    | 1,6                 | 4,00 | 4,50 | 0,34             | 0,83 | 1,07 | 1,63              | 3,97 | 5,22 | 91,00            |
|              | 2.0+3.5     | 1,45                  | 2,55   | ---    | 1,6                 | 4,00 | 4,50 | 0,34             | 0,83 | 1,03 | 1,63              | 3,97 | 5,22 | 91,00            |
|              | 2.5+2.5     | 2,00                  | 2,00   | ---    | 1,6                 | 4,00 | 4,50 | 0,34             | 0,83 | 1,05 | 1,63              | 3,97 | 5,22 | 91,00            |
|              | 2.5+3.5     | 1,67                  | 2,33   | ---    | 1,6                 | 4,00 | 4,50 | 0,34             | 0,82 | 1,01 | 1,63              | 3,92 | 5,22 | 91,00            |
|              | 3.5+3.5     | 2,00                  | 2,00   | ---    | 1,6                 | 4,00 | 4,50 | 0,34             | 0,82 | 0,99 | 1,63              | 3,92 | 5,11 | 91,00            |
|              | 1.5+1.5+1.5 | 1,33                  | 1,33   | 1,33   | 1,7                 | 4,00 | 4,60 | 0,36             | 0,78 | 0,98 | 1,74              | 3,73 | 4,68 | 91,00            |
|              | 1.5+1.5+2.0 | 1,20                  | 1,20   | 1,60   | 1,7                 | 4,00 | 4,60 | 0,36             | 0,77 | 0,96 | 1,74              | 3,68 | 4,68 | 91,00            |
|              | 1.5+1.5+2.5 | 1,09                  | 1,09   | 1,82   | 1,7                 | 4,00 | 4,60 | 0,36             | 0,77 | 0,94 | 1,74              | 3,68 | 4,68 | 91,00            |
|              | 1.5+1.5+3.5 | 0,92                  | 0,92   | 2,15   | 1,7                 | 4,00 | 4,60 | 0,36             | 0,76 | 0,90 | 1,74              | 3,64 | 4,68 | 91,00            |
|              | 1.5+2.0+2.0 | 1,09                  | 1,45   | 1,45   | 1,7                 | 4,00 | 4,60 | 0,36             | 0,77 | 0,92 | 1,74              | 3,68 | 4,68 | 91,00            |
|              | 1.5+2.0+2.5 | 1,00                  | 1,33   | 1,67   | 1,7                 | 4,00 | 4,60 | 0,36             | 0,76 | 0,91 | 1,74              | 3,64 | 4,68 | 91,00            |
|              | 1.5+2.0+3.5 | 0,86                  | 1,14   | 2,00   | 1,7                 | 4,00 | 4,60 | 0,36             | 0,76 | 0,89 | 1,74              | 3,64 | 4,68 | 91,00            |
|              | 1.5+2.5+2.5 | 0,92                  | 1,54   | 1,54   | 1,7                 | 4,00 | 4,60 | 0,36             | 0,76 | 0,87 | 1,74              | 3,64 | 4,68 | 91,00            |
|              | 2.0+2.0+2.0 | 1,33                  | 1,33   | 1,33   | 1,7                 | 4,00 | 4,60 | 0,36             | 0,76 | 0,85 | 1,74              | 3,64 | 4,68 | 91,00            |
|              | 2.0+2.0+2.5 | 1,23                  | 1,23   | 1,54   | 1,7                 | 4,00 | 4,60 | 0,36             | 0,76 | 0,83 | 1,74              | 3,64 | 4,68 | 91,00            |
|              | 2.0+2.5+2.5 | 1,14                  | 1,43   | 1,43   | 1,7                 | 4,00 | 4,60 | 0,36             | 0,75 | 0,81 | 1,74              | 3,59 | 4,68 | 91,00            |

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 | Min.                | Nom. | Max. | Min.             | Nom. | Max. | Min.              | Nom. | Max. |                  |
| 3MXM40N*     | 1,5         | 2,30                  | ---    | ---    | 1,10                | 2,30 | 3,30 | 0,30             | 0,60 | 0,82 | 1,38              | 2,77 | 3,83 | 93,00            |
|              | 2           | 2,70                  | ---    | ---    | 1,10                | 2,70 | 3,70 | 0,30             | 0,76 | 1,23 | 1,38              | 3,51 | 5,75 | 93,00            |
|              | 2,5         | 3,40                  | ---    | ---    | 1,10                | 3,40 | 4,10 | 0,30             | 1,01 | 1,28 | 1,38              | 4,68 | 5,96 | 93,00            |
|              | 3,5         | 4,20                  | ---    | ---    | 1,10                | 4,20 | 4,80 | 0,30             | 1,42 | 1,71 | 1,38              | 6,60 | 7,98 | 93,00            |
|              | 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 | 93,00            |
|              | 1.5+2.0     | 1,54                  | 2,06   | ---    | 1,20                | 3,60 | 5,00 | 0,32             | 0,69 | 1,28 | 1,49              | 3,23 | 5,96 | 93,00            |
|              | 1.5+2.5     | 1,50                  | 2,50   | ---    | 1,20                | 4,00 | 5,00 | 0,32             | 0,86 | 1,26 | 1,49              | 4,03 | 5,96 | 93,00            |
|              | 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 | 93,00            |
|              | 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 | 93,00            |
|              | 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 | 93,00            |
|              | 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 | 93,00            |
|              | 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 | 93,00            |
|              | 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 | 93,00            |
|              | 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 | 93,00            |
|              | 1.5+1.5+1.5 | 1,53                  | 1,53   | 1,53   | 1,30                | 4,60 | 5,10 | 0,32             | 0,89 | 1,08 | 1,49              | 4,17 | 5,03 | 93,00            |
|              | 1.5+1.5+2.0 | 1,38                  | 1,38   | 1,84   | 1,30                | 4,60 | 5,10 | 0,32             | 0,89 | 1,06 | 1,49              | 4,17 | 4,96 | 93,00            |
|              | 1.5+1.5+2.5 | 1,25                  | 1,25   | 2,09   | 1,30                | 4,60 | 5,10 | 0,32             | 0,89 | 1,04 | 1,49              | 4,17 | 4,86 | 93,00            |
|              | 1.5+1.5+3.5 | 1,06                  | 1,06   | 2,48   | 1,30                | 4,60 | 5,10 | 0,32             | 0,88 | 1,02 | 1,49              | 4,12 | 4,76 | 93,00            |
|              | 1.5+2.0+2.0 | 1,25                  | 1,67   | 1,67   | 1,30                | 4,60 | 5,10 | 0,32             | 0,88 | 1,00 | 1,49              | 4,12 | 4,66 | 93,00            |
|              | 1.5+2.0+2.5 | 1,15                  | 1,53   | 1,92   | 1,30                | 4,60 | 5,10 | 0,32             | 0,87 | 0,98 | 1,49              | 4,07 | 4,57 | 93,00            |
|              | 1.5+2.0+3.5 | 0,99                  | 1,31   | 2,30   | 1,30                | 4,60 | 5,10 | 0,32             | 0,87 | 0,96 | 1,49              | 4,07 | 4,47 | 93,00            |
|              | 1.5+2.5+2.5 | 1,06                  | 1,77   | 1,77   | 1,30                | 4,60 | 5,10 | 0,32             | 0,88 | 0,91 | 1,49              | 4,12 | 4,27 | 93,00            |
|              | 2.0+2.0+2.0 | 1,53                  | 1,53   | 1,53   | 1,30                | 4,60 | 5,10 | 0,32             | 0,87 | 0,93 | 1,49              | 4,07 | 4,37 | 93,00            |
|              | 2.0+2.0+2.5 | 1,42                  | 1,42   | 1,77   | 1,30                | 4,60 | 5,10 | 0,32             | 0,87 | 0,90 | 1,49              | 4,07 | 4,22 | 93,00            |
|              | 2.0+2.5+2.5 | 1,31                  | 1,64   | 1,64   | 1,30                | 4,60 | 5,10 | 0,32             | 0,86 | 0,88 | 1,49              | 4,03 | 4,12 | 93,00            |

#### Notes

- The total capacity of each connected indoor unit is up to 7.0kW.
- The values above are for connecting with the following indoor unit types:  
1.5, 2.0, 2.5, 3.5 kW class  
Wall-mounted CTXM-M, FTXM-M series
- Heating capacity conditions  
Indoor temperature 20°C DB  
Outdoor temperature 7°C DB / 6°C WB
- Cooling capacity conditions  
Indoor temperature 27°C DB / 19°C WB  
Outdoor temperature 35°C DB
- Editable data for this drawing are available in the GDE (E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D106169.

3D105370

## 4 Combination table

### 4 - 1 Combination Table

#### 3MXM52N

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 | Min.                | Nom. | Max. | Min.             | Nom. | Max. | Min.              | Nom. | Max.  |                  |
| 3MXM52N*     | 1,50        | 1,50                  | ---    | ---    | 1,40                | 1,50 | 2,40 | 0,34             | 0,36 | 0,63 | 1,50              | 1,62 | 2,86  | 96,00            |
|              | 2,00        | 2,00                  | ---    | ---    | 1,60                | 2,00 | 3,00 | 0,36             | 0,48 | 0,78 | 1,60              | 2,17 | 3,51  | 96,00            |
|              | 2,50        | 2,50                  | ---    | ---    | 1,60                | 2,50 | 3,20 | 0,36             | 0,64 | 0,87 | 1,62              | 2,89 | 3,92  | 96,00            |
|              | 3,50        | 3,50                  | ---    | ---    | 1,60                | 3,50 | 4,20 | 0,37             | 0,98 | 1,30 | 1,63              | 4,43 | 5,88  | 96,00            |
|              | 4,20        | 4,20                  | ---    | ---    | 1,60                | 4,20 | 4,60 | 0,37             | 1,21 | 1,49 | 1,63              | 5,47 | 6,70  | 96,00            |
|              | 5,00        | ---                   | 5,00   | ---    | 1,60                | 5,00 | 5,40 | 0,35             | 1,76 | 2,03 | 1,55              | 7,94 | 9,18  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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 | 96,00            |
|              | 1.5+5.0     | 1,20                  | 4,00   | ---    | 1,70                | 5,20 | 6,30 | 0,35             | 1,10 | 2,28 | 1,55              | 4,99 | 10,31 | 96,00            |
|              | 2.0+2.0     | 2,00                  | 2,00   | ---    | 1,70                | 4,00 | 6,00 | 0,35             | 0,85 | 2,25 | 1,55              | 3,85 | 10,16 | 96,00            |
|              | 2.0+2.5     | 2,00                  | 2,50   | ---    | 1,70                | 4,50 | 6,20 | 0,35             | 0,95 | 2,21 | 1,55              | 4,31 | 9,99  | 96,00            |
|              | 2.0+3.5     | 1,89                  | 3,31   | ---    | 1,70                | 5,20 | 6,30 | 0,35             | 1,10 | 2,30 | 1,55              | 4,99 | 10,38 | 96,00            |
|              | 2.0+4.2     | 1,68                  | 3,52   | ---    | 1,70                | 5,20 | 6,30 | 0,35             | 1,09 | 2,25 | 1,55              | 4,94 | 10,18 | 96,00            |
|              | 2.0+5.0     | 1,49                  | 3,71   | ---    | 1,70                | 5,20 | 6,50 | 0,35             | 1,09 | 2,19 | 1,55              | 4,94 | 9,89  | 96,00            |
|              | 2.5+2.5     | 2,50                  | 2,50   | ---    | 1,70                | 5,00 | 6,30 | 0,35             | 1,04 | 2,34 | 1,55              | 4,72 | 10,59 | 96,00            |
|              | 2.5+3.5     | 2,17                  | 3,03   | ---    | 1,70                | 5,20 | 6,30 | 0,35             | 1,09 | 2,28 | 1,55              | 4,94 | 10,31 | 96,00            |
|              | 2.5+4.2     | 1,94                  | 3,26   | ---    | 1,70                | 5,20 | 6,40 | 0,35             | 1,09 | 2,30 | 1,55              | 4,94 | 10,31 | 96,00            |
|              | 2.5+5.0     | 1,73                  | 3,47   | ---    | 1,70                | 5,20 | 6,50 | 0,35             | 1,06 | 2,14 | 1,55              | 4,81 | 9,68  | 96,00            |
|              | 3.5+3.5     | 2,60                  | 2,60   | ---    | 1,70                | 5,20 | 6,40 | 0,35             | 1,08 | 2,28 | 1,55              | 4,90 | 10,31 | 96,00            |
|              | 3.5+4.2     | 2,36                  | 2,84   | ---    | 1,70                | 5,20 | 6,40 | 0,35             | 1,08 | 2,26 | 1,55              | 4,90 | 10,21 | 96,00            |
|              | 3.5+5.0     | 2,14                  | 3,06   | ---    | 1,70                | 5,20 | 6,60 | 0,35             | 1,06 | 2,19 | 1,55              | 4,81 | 9,89  | 96,00            |
|              | 4.2+4.2     | 2,60                  | 2,60   | ---    | 1,70                | 5,20 | 6,50 | 0,35             | 1,07 | 2,24 | 1,55              | 4,85 | 10,11 | 96,00            |
|              | 1.5+1.5+1.5 | 1,50                  | 1,50   | 1,50   | 1,80                | 4,50 | 6,70 | 0,37             | 0,90 | 2,28 | 1,65              | 4,08 | 10,30 | 96,00            |
|              | 1.5+1.5+2.0 | 1,50                  | 1,50   | 2,00   | 1,80                | 5,00 | 6,70 | 0,37             | 1,06 | 2,26 | 1,65              | 4,81 | 10,20 | 96,00            |
|              | 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 | 96,00            |
|              | 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 | 96,00            |
|              | 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 | 96,00            |
|              | 1.5+1.5+5.0 | 0,98                  | 0,98   | 3,25   | 2,00                | 5,20 | 7,10 | 0,35             | 1,05 | 2,17 | 1,55              | 4,76 | 9,80  | 96,00            |
|              | 1.5+2.0+2.0 | 1,42                  | 1,89   | 1,89   | 1,80                | 5,20 | 6,70 | 0,37             | 1,10 | 2,21 | 1,65              | 4,99 | 10,00 | 96,00            |
|              | 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  | 96,00            |
|              | 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 | 96,00            |
|              | 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  | 96,00            |
|              | 1.5+2.0+5.0 | 0,92                  | 1,22   | 3,06   | 2,00                | 5,20 | 7,20 | 0,35             | 1,04 | 2,15 | 1,55              | 4,72 | 9,70  | 96,00            |
|              | 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  | 96,00            |
|              | 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 | 96,00            |
|              | 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  | 96,00            |
|              | 1.5+2.5+5.0 | 0,87                  | 1,44   | 2,89   | 2,00                | 5,20 | 7,30 | 0,35             | 1,04 | 2,17 | 1,55              | 4,72 | 9,80  | 96,00            |
|              | 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  | 96,00            |
|              | 2.0+2.0+2.0 | 1,73                  | 1,73   | 1,73   | 1,80                | 5,20 | 7,00 | 0,37             | 1,07 | 2,22 | 1,65              | 4,85 | 10,05 | 96,00            |
|              | 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 | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 2.0+2.0+5.0 | 1,16                  | 1,16   | 2,89   | 2,00                | 5,20 | 7,30 | 0,37             | 1,03 | 2,19 | 1,65              | 4,67 | 9,91  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |

#### Notes

- The total capacity of each connected indoor unit is up to 9.0kW.
- The values above are for connecting with the following indoor unit types:  
1.5,2.0,2.5,3.5,4.2,5.0 kW class  
Wall-mounted CTXM-M,FTXM-M series
- Cooling capacity conditions  
Indoor temperature 27°C DB / 19°C WB  
Outdoor temperature 35°C DB
- Editable data for this drawing are available in the GDE system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D106169.

3D105371

## 4 Combination table

### 4 - 1 Combination Table

#### 3MXM52N

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 | Min.                | Nom. | Max. | Min.             | Nom. | Max. | Min.              | Nom. | Max.  |                  |
| 3MXM52N*     | 1,50        | 2,30                  | ---    | ---    | 1,10                | 2,30 | 3,40 | 0,30             | 0,57 | 1,09 | 1,34              | 2,55 | 4,94  | 96,00            |
|              | 2,00        | 2,70                  | ---    | ---    | 1,10                | 2,70 | 3,80 | 0,30             | 0,76 | 1,19 | 1,34              | 3,40 | 5,39  | 96,00            |
|              | 2,50        | 3,40                  | ---    | ---    | 1,10                | 3,40 | 4,00 | 0,30             | 1,01 | 1,24 | 1,34              | 4,54 | 5,62  | 96,00            |
|              | 3,50        | 4,20                  | ---    | ---    | 1,10                | 4,20 | 4,80 | 0,30             | 1,42 | 1,66 | 1,34              | 6,39 | 7,52  | 96,00            |
|              | 4,20        | ---                   | 4,80   | ---    | 1,10                | 4,80 | 5,60 | 0,30             | 1,62 | 2,03 | 1,34              | 7,32 | 9,18  | 96,00            |
|              | 5,00        | ---                   | 5,80   | ---    | 1,10                | 5,80 | 6,80 | 0,30             | 2,17 | 2,58 | 1,34              | 9,80 | 11,68 | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 1.5+2.5     | 1,69                  | 2,81   | ---    | 1,20                | 4,50 | 6,90 | 0,32             | 0,91 | 2,26 | 1,44              | 4,13 | 10,24 | 96,00            |
|              | 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 | 96,00            |
|              | 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 | 96,00            |
|              | 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 | 96,00            |
|              | 2.0+2.0     | 3,40                  | 3,40   | ---    | 1,20                | 6,80 | 7,00 | 0,32             | 1,59 | 2,26 | 1,44              | 7,21 | 10,24 | 96,00            |
|              | 2.0+2.5     | 3,02                  | 3,78   | ---    | 1,20                | 6,80 | 7,00 | 0,32             | 1,58 | 2,25 | 1,44              | 7,16 | 10,19 | 96,00            |
|              | 2.0+3.5     | 2,47                  | 4,33   | ---    | 1,20                | 6,80 | 7,10 | 0,32             | 1,57 | 2,26 | 1,44              | 7,12 | 10,24 | 96,00            |
|              | 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 | 96,00            |
|              | 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 | 96,00            |
|              | 2.5+2.5     | 3,40                  | 3,40   | ---    | 1,20                | 6,80 | 7,00 | 0,32             | 1,53 | 2,23 | 1,44              | 6,93 | 10,10 | 96,00            |
|              | 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 | 96,00            |
|              | 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 | 96,00            |
|              | 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 | 96,00            |
|              | 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 | 96,00            |
|              | 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 | 96,00            |
|              | 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 | 96,00            |
|              | 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 | 96,00            |
|              | 1.5+1.5+1.5 | 2,27                  | 2,27   | 2,27   | 1,30                | 6,80 | 8,00 | 0,32             | 1,40 | 2,12 | 1,44              | 6,35 | 9,60  | 96,00            |
|              | 1.5+1.5+2.0 | 2,04                  | 2,04   | 2,72   | 1,30                | 6,80 | 8,00 | 0,32             | 1,40 | 2,10 | 1,44              | 6,35 | 9,51  | 96,00            |
|              | 1.5+1.5+2.5 | 1,85                  | 1,85   | 3,09   | 1,30                | 6,80 | 8,00 | 0,32             | 1,39 | 2,08 | 1,44              | 6,30 | 9,42  | 96,00            |
|              | 1.5+1.5+3.5 | 1,57                  | 1,57   | 3,66   | 1,40                | 6,80 | 8,10 | 0,32             | 1,38 | 2,13 | 1,44              | 6,25 | 9,65  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 1.5+2.0+2.0 | 1,85                  | 2,47   | 2,47   | 1,30                | 6,80 | 8,00 | 0,32             | 1,39 | 2,14 | 1,44              | 6,30 | 9,69  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |
|              | 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  | 96,00            |

#### Notes

- The total capacity of each connected indoor unit is up to 9.0kW.
- The values above are for connecting with the following indoor unit types:  
1.5, 2.0, 2.5, 3.5, 4.2, 5.0 kW class  
Wall-mounted CTXM-M,FTXM-M series
- Heating capacity conditions  
Indoor temperature 20°C DB  
Outdoor temperature 7°C DB / 6°C WB
- Editable data for this drawing are available in the GDE (E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D106169.

3D105372

## 4 Combination table

### 4 - 1 Combination Table

4

#### 3MXM68N

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 | Min.                | Nom. | Max. | Min.             | Nom. | Max. | Min.              | Nom. | Max.  |                  |
| 3MXM68N*     | 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                  | ---    | ---    | 1,66                | 2,00 | 2,68 | 0,42             | 0,43 | 0,60 | 1,91              | 2,08 | 2,75  | 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 | 1,44 | 2,09              | 3,93 | 6,57  | 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 | 8,96  | 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 | 1,36                  | 1,36   | 2,27   | 1,96                | 5,00 | 6,72 | 0,39             | 0,80 | 1,73 | 1,77              | 3,67 | 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               |

#### Notes

- The total capacity of each connected indoor unit is up to 11.0kW.
- The values above are for connecting with the following indoor unit types:  
1.5, 2.0, 2.5, 3.5, 4.2, 5.0, 6.0 kW class  
Wall-mounted CTXM-M,FTXM-M series
- Cooling capacity conditions  
Indoor temperature 27°C DB / 19°C WB  
Outdoor temperature 35°C DB
- Editable data for this drawing are available in the GDE system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D106169.

3D105381

## 4 Combination table

### 4 - 1 Combination Table

#### 3MXM68N

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 | Min.                | Nom. | Max. | Min.             | Nom. | Max. | Min.              | Nom. | Max.  |                  |
| 3MXM68N*     | 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 | 8,27  | 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

1. The total capacity of each connected indoor unit is up to 11.0kW.
2. The values above are for connecting with the following indoor unit types:  
1.5, 2.0, 2.5, 3.5, 4.2, 5.0, 6.0 kW class  
Wall-mounted CTXM-M,FTXM-M series
3. Cooling capacity conditions  
Indoor temperature 27°C DB / 19°C WB  
Outdoor temperature 35°C DB
4. Editable data for this drawing are available in the GDE system.
5. For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D106169.

3D105382

## 4 Combination table

### 4 - 1 Combination Table

4

#### 3MXM68N

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 | Min.                | Nom. | Max.  | Min.             | Nom. | Max. | Min.              | Nom.  | Max.  |                  |
| 3MXM68N*     | 1,5         | 2,7                   | ---    | ---    | 1,47                | 2,70 | 4,08  | 0,42             | 0,72 | 1,22 | 1,91              | 3,35  | 5,59  | 95               |
|              | 2,0         | 2,7                   | ---    | ---    | 1,48                | 2,72 | 4,09  | 0,43             | 0,73 | 1,23 | 1,95              | 3,39  | 5,64  | 95               |
|              | 2,5         | 3,4                   | ---    | ---    | 1,44                | 3,40 | 4,30  | 0,42             | 1,02 | 1,33 | 1,91              | 4,72  | 6,08  | 95               |
|              | 3,5         | 4,3                   | ---    | ---    | 1,45                | 4,30 | 4,70  | 0,40             | 1,41 | 1,56 | 1,82              | 6,50  | 7,15  | 95               |
|              | 4,2         | ---                   | 4,32   | ---    | 1,44                | 4,32 | 4,69  | 0,40             | 1,40 | 1,56 | 1,82              | 6,46  | 7,15  | 95               |
|              | 5,0         | ---                   | 5,60   | ---    | 1,66                | 5,60 | 5,94  | 0,39             | 1,82 | 1,90 | 1,78              | 8,43  | 8,70  | 95               |
|              | 6,0         | ---                   | 7,90   | ---    | 1,88                | 7,90 | 8,91  | 0,37             | 2,62 | 2,64 | 1,69              | 12,13 | 12,08 | 95               |
|              | 1.5+1.5     | 2,65                  | 2,65   | ---    | 1,65                | 5,30 | 7,38  | 0,36             | 1,19 | 1,83 | 1,63              | 5,45  | 8,38  | 95               |
|              | 1.5+2.0     | 2,44                  | 3,26   | ---    | 1,65                | 5,70 | 7,76  | 0,36             | 1,31 | 1,99 | 1,63              | 6,00  | 9,09  | 95               |
|              | 1.5+2.5     | 2,29                  | 3,81   | ---    | 1,65                | 6,10 | 7,95  | 0,36             | 1,43 | 2,06 | 1,63              | 6,55  | 9,43  | 95               |
|              | 1.5+3.5     | 2,07                  | 4,83   | ---    | 1,80                | 6,90 | 8,50  | 0,37             | 1,69 | 2,35 | 1,68              | 7,74  | 10,74 | 95               |
|              | 1.5+4.2     | 1,97                  | 5,53   | ---    | 1,80                | 7,50 | 8,85  | 0,37             | 1,90 | 2,57 | 1,68              | 8,70  | 11,75 | 95               |
|              | 1.5+5.0     | 1,89                  | 6,31   | ---    | 2,18                | 8,20 | 10,38 | 0,45             | 2,13 | 2,91 | 2,06              | 9,75  | 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     | 3,25                  | 3,25   | ---    | 1,65                | 6,50 | 7,95  | 0,36             | 1,37 | 2,07 | 1,63              | 6,28  | 9,47  | 95               |
|              | 2.0+2.5     | 3,07                  | 3,83   | ---    | 1,65                | 6,90 | 8,12  | 0,36             | 1,52 | 2,14 | 1,63              | 6,96  | 9,81  | 95               |
|              | 2.0+3.5     | 2,73                  | 4,77   | ---    | 1,80                | 7,50 | 8,67  | 0,37             | 1,75 | 2,43 | 1,68              | 8,01  | 11,12 | 95               |
|              | 2.0+4.2     | 2,58                  | 5,42   | ---    | 1,80                | 8,00 | 9,03  | 0,37             | 1,98 | 2,66 | 1,68              | 9,07  | 12,17 | 95               |
|              | 2.0+5.0     | 2,46                  | 6,14   | ---    | 2,18                | 8,60 | 10,56 | 0,45             | 2,26 | 3,00 | 2,06              | 10,35 | 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     | 3,60                  | 3,60   | ---    | 1,65                | 7,20 | 8,49  | 0,36             | 1,62 | 2,36 | 1,63              | 7,42  | 10,78 | 95               |
|              | 2.5+3.5     | 3,29                  | 4,61   | ---    | 1,89                | 7,90 | 9,03  | 0,38             | 1,91 | 2,66 | 1,72              | 8,75  | 12,17 | 95               |
|              | 2.5+4.2     | 3,10                  | 5,20   | ---    | 1,89                | 8,30 | 9,29  | 0,38             | 2,11 | 2,82 | 1,72              | 9,66  | 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     | 4,30                  | 4,30   | ---    | 2,17                | 8,60 | 9,38  | 0,42             | 2,26 | 2,86 | 1,94              | 10,35 | 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 | 11,09 | 0,60             | 2,15 | 2,72 | 2,75              | 9,84  | 12,46 | 95               |
|              | 1.5+1.5+1.5 | 2,17                  | 2,17   | 2,17   | 2,01                | 6,50 | 9,92  | 0,41             | 1,33 | 2,26 | 1,89              | 6,09  | 10,36 | 95               |
|              | 1.5+1.5+2.0 | 2,07                  | 2,07   | 2,76   | 2,01                | 6,90 | 10,10 | 0,41             | 1,46 | 2,34 | 1,89              | 6,69  | 10,69 | 95               |
|              | 1.5+1.5+2.5 | 2,02                  | 2,02   | 3,36   | 2,10                | 7,40 | 10,18 | 0,42             | 1,64 | 2,37 | 1,94              | 7,51  | 10,86 | 95               |
|              | 1.5+1.5+3.5 | 1,89                  | 1,89   | 4,42   | 2,31                | 8,20 | 10,29 | 0,44             | 1,87 | 2,49 | 2,02              | 8,56  | 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               |
|              | 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               |
|              | 1.5+2.0+2.0 | 2,35                  | 3,13   | 3,13   | 2,01                | 8,60 | 10,26 | 0,41             | 2,05 | 2,41 | 1,89              | 9,39  | 11,03 | 95               |

#### Notes

- The total capacity of each connected indoor unit is up to 11.0kW.
- The values above are for connecting with the following indoor unit types:  
1.5, 2.0, 2.5, 3.5, 4.2, 5.0, 6.0 kW class  
Wall-mounted CTXM-M,FTXM-M series
- Heating capacity conditions  
Indoor temperature 20°C DB  
Outdoor temperature 7°C DB / 6°C WB
- Editable data for this drawing are available in the GDE system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D106169.

3D105383

## 4 Combination table

### 4 - 1 Combination Table

#### 3MXM68N

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 | Min.                | Nom. | Max.  | Min.             | Nom. | Max. | Min.              | Nom. | Max.  |                  |
| 3MXM68N*     | 1.5+2.0+2.5 | 1,94                  | 2,59   | 3,23   | 2,10                | 8,60 | 10,36 | 0,42             | 2,04 | 2,44 | 1,94              | 9,34 | 11,16 | 95               |
|              | 1.5+2.0+3.5 | 1,84                  | 2,46   | 4,3    | 2,31                | 8,60 | 10,45 | 0,44             | 2,02 | 2,58 | 2,02              | 9,25 | 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 | 1,89                  | 3,15   | 3,15   | 2,20                | 8,60 | 10,47 | 0,45             | 2,03 | 2,44 | 2,06              | 9,30 | 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   | 4,4    | 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 | 10,77 | 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 | 1,4                   | 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   | 4,3    | 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 | 10,78 | 0,55             | 1,96 | 2,37 | 2,50              | 8,98 | 10,86 | 95               |
|              | 1.5+4.2+4.2 | 1,3                   | 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 | 2,63                  | 2,63   | 2,63   | 2,01                | 7,80 | 10,44 | 0,41             | 1,72 | 2,48 | 1,89              | 7,88 | 11,37 | 95               |
|              | 2.0+2.0+2.5 | 2,54                  | 2,54   | 3,17   | 2,10                | 8,20 | 10,52 | 0,42             | 1,83 | 2,52 | 1,94              | 8,38 | 11,54 | 95               |
|              | 2.0+2.0+3.5 | 2,29                  | 2,29   | 4,02   | 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 | 2,1                   | 2,1    | 4,4    | 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 | 2,46                  | 3,07   | 3,07   | 2,20                | 8,60 | 10,54 | 0,43             | 1,97 | 2,61 | 1,98              | 9,02 | 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 | 1,92                  | 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                  | 3,1    | 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   | 4,09   | 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 | 2,86                  | 2,86   | 2,86   | 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   | 4,3    | 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   | 4,7    | 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 | 2,86                  | 2,86   | 2,86   | 2,98                | 8,60 | 11,06 | 0,57             | 1,94 | 2,79 | 2,62              | 8,88 | 12,76 | 95               |

#### Notes

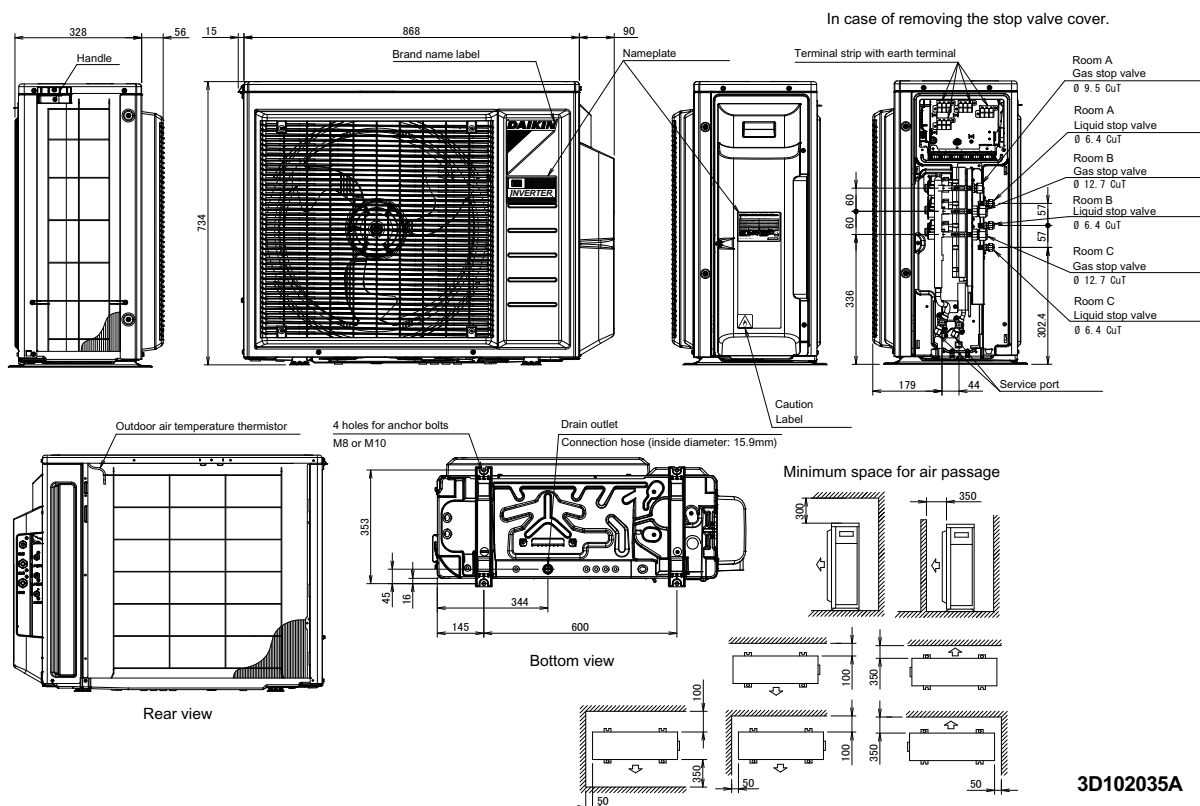
- The total capacity of each connected indoor unit is up to 11.0kW.
- The values above are for connecting with the following indoor unit types:  
1.5,2.0,2.5,3.5,4.2,5.0,6.0 kW class
- Wall-mounted CTXM-M,FTXM-M series  
Heating capacity conditions  
Indoor temperature 20°C DB  
Outdoor temperature 7°C DB / 6°C WB
- Editable data for this drawing are available in the GDE system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D106169.

3D105384

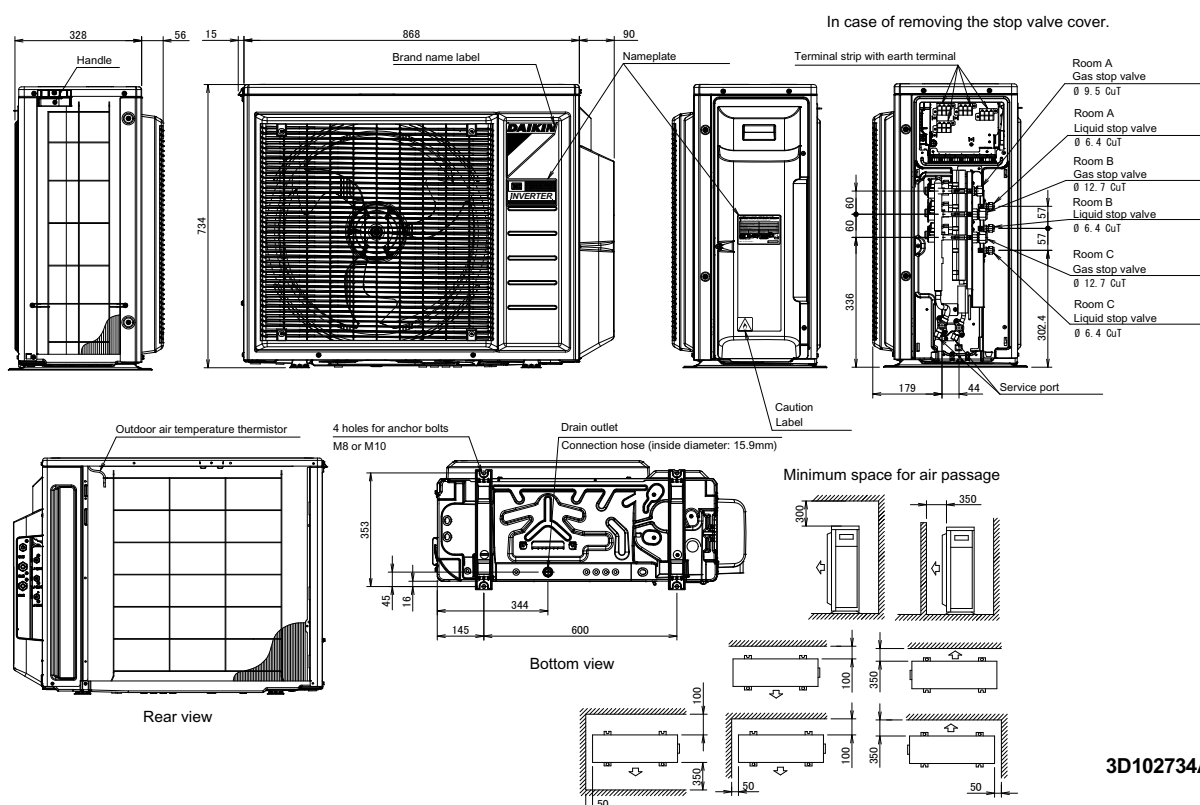
## 5 Dimensional drawings

### 5 - 1 Dimensional Drawings

#### 3MXM40-52N



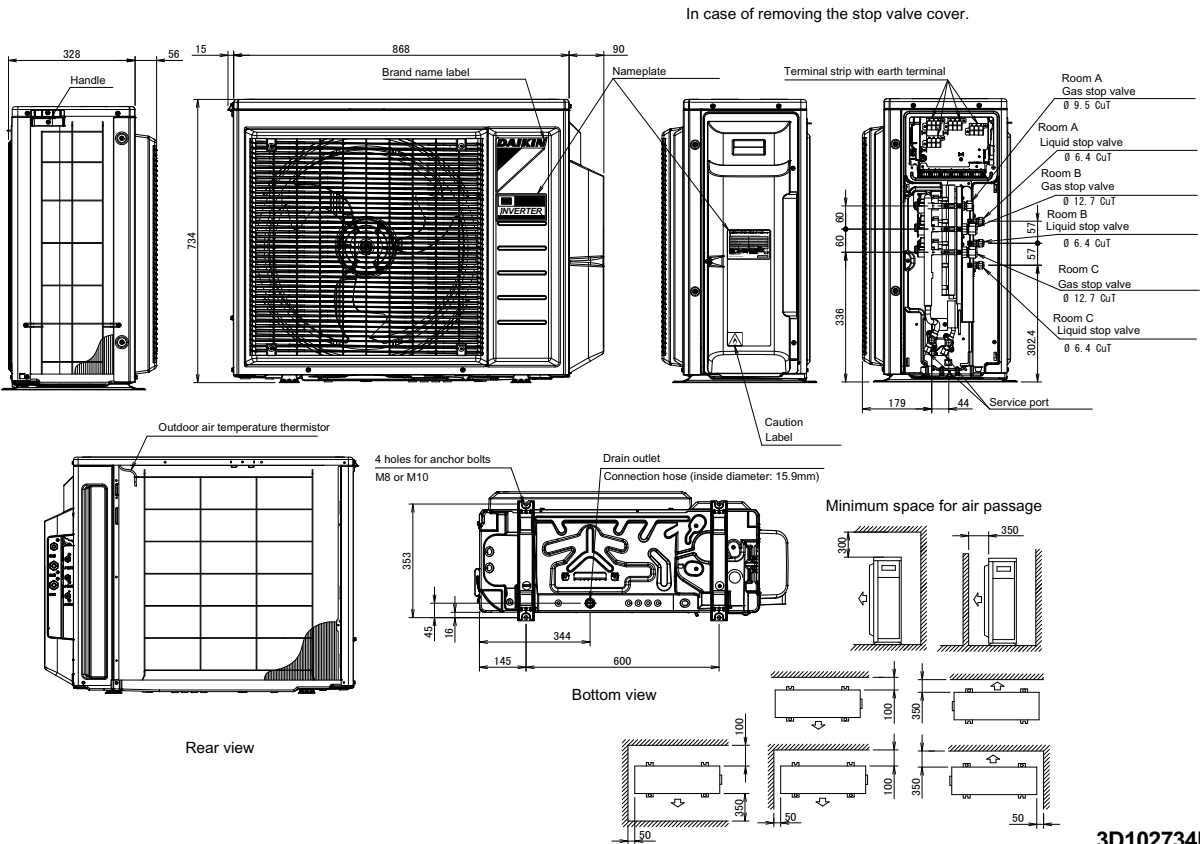
#### 3MXM68N



# 5 Dimensional drawings

## 5 - 1 Dimensional Drawings

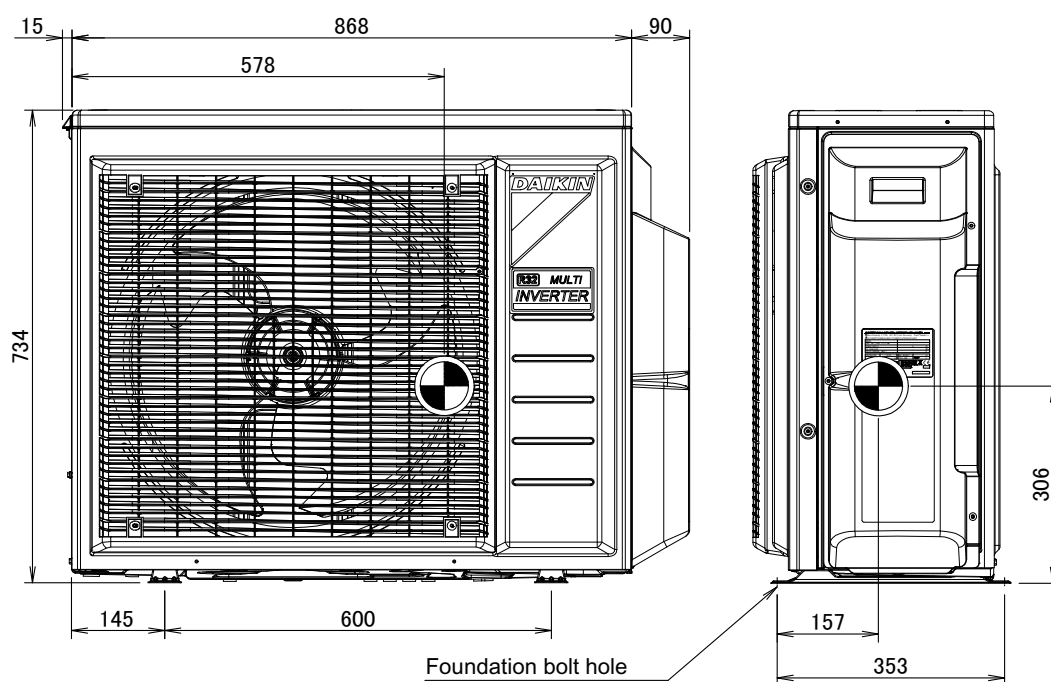
### 3MXM68N



## 6 Centre of gravity

### 6 - 1 Centre of Gravity

#### 3MXM40-52N

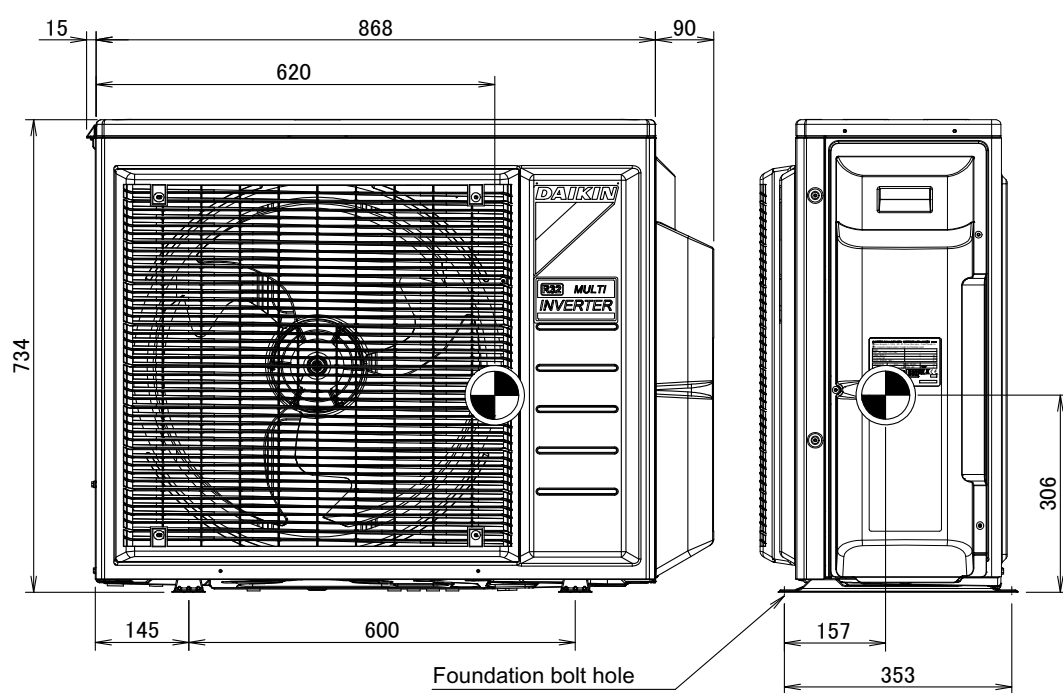


4D102202A

## 6 Centre of gravity

### 6 - 1 Centre of Gravity

**3MXM68N**

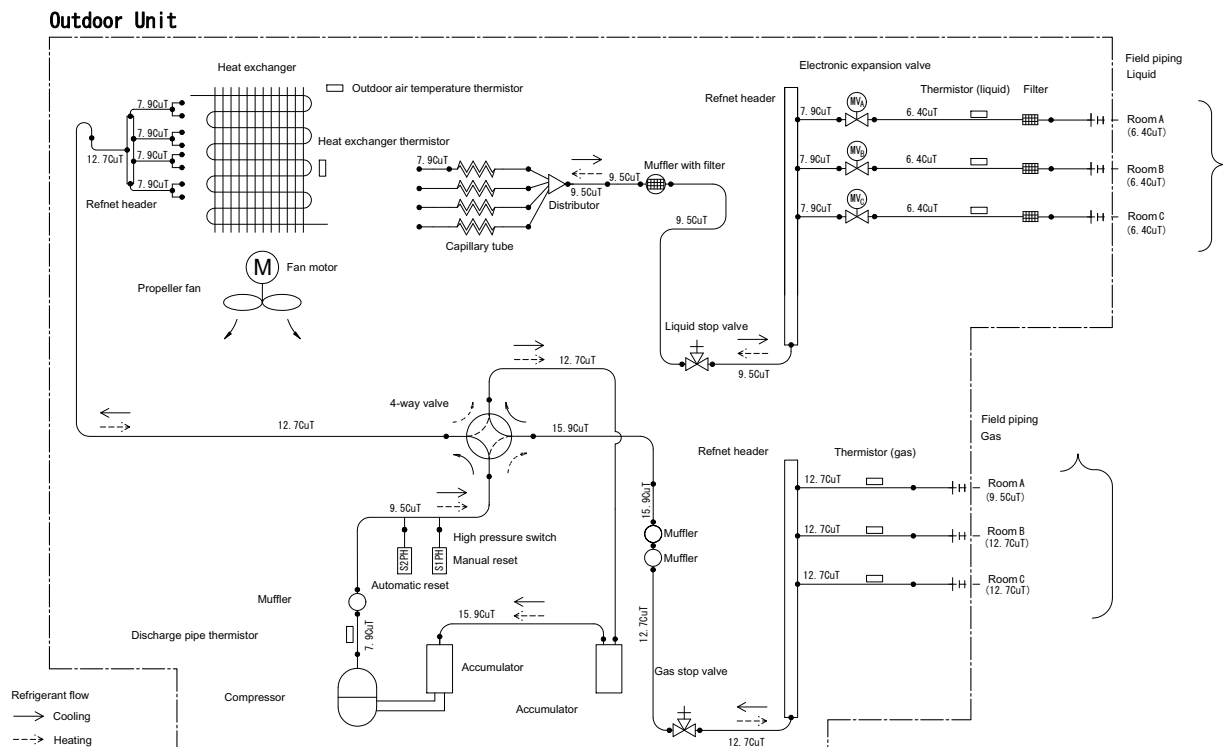


**4D102822A**

## 7 Piping diagrams

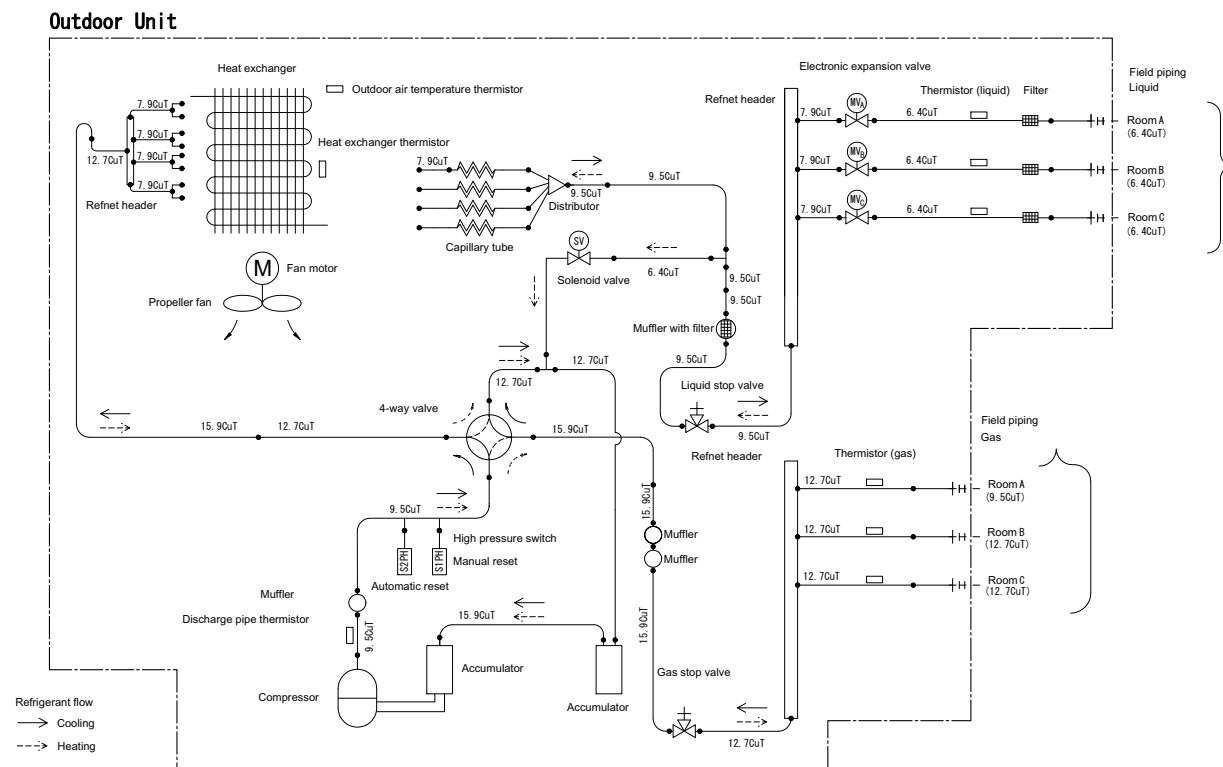
### 7 - 1 Piping Diagrams

#### 3MXM40-52N



3D097989B

#### 3MXM68N

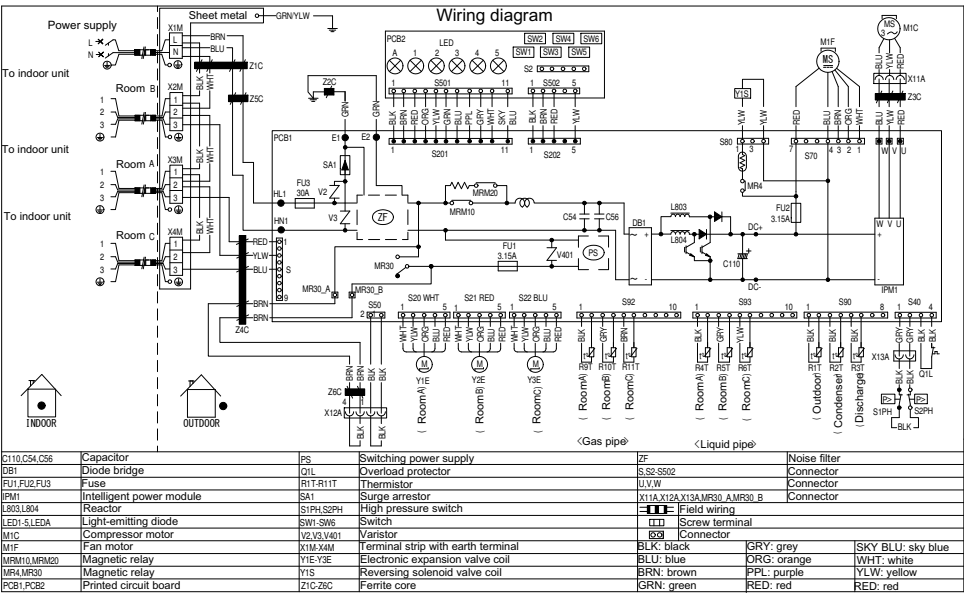


3D100777B

# 8 Wiring diagrams

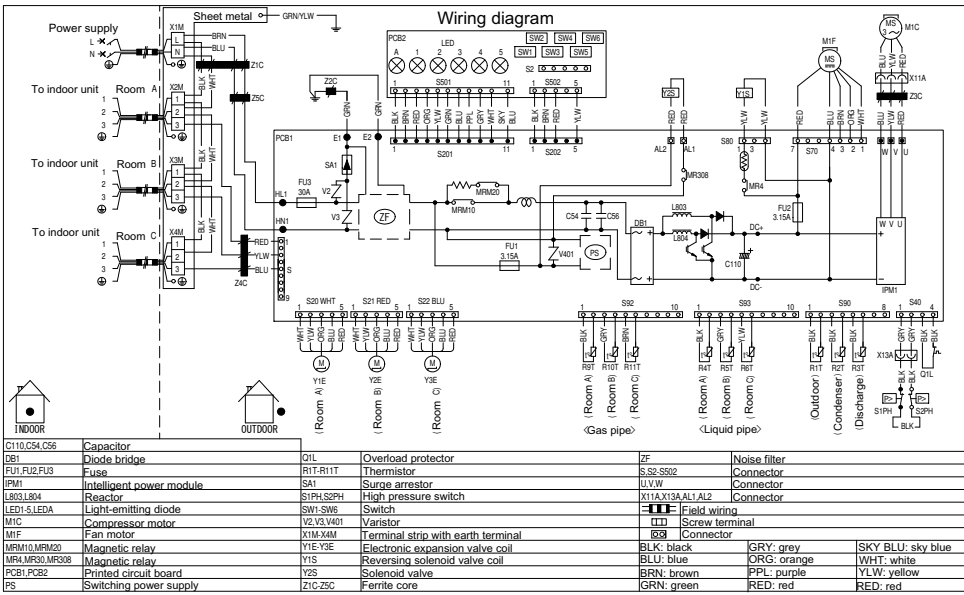
## 8 - 1 Wiring Diagrams - Single Phase

### 3MXM40-52N



3D106247A

### 3MXM68N

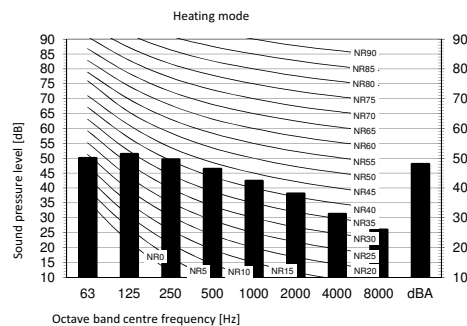
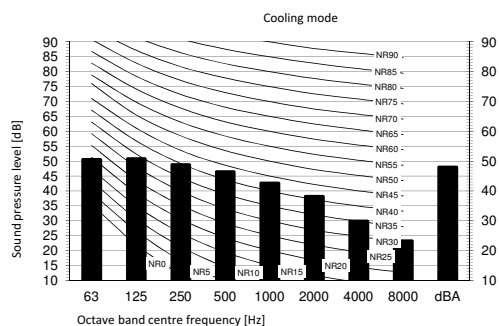


3D106248A

## 9 Sound data

### 9 - 1 Sound Pressure Spectrum

3MXM68N

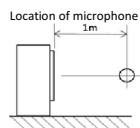


#### Legend

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

A Scale

B High-tap



Cooling Total dB

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

Heating Total dB

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

#### Notes

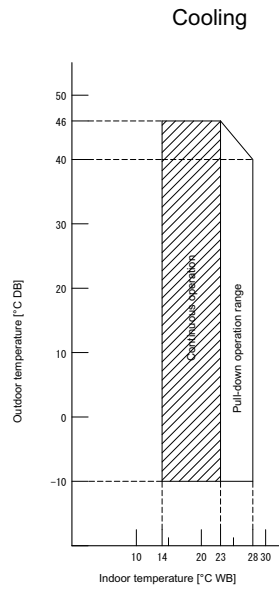
- Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- Background noise already taken into account.
- Operating noise varies depending on operation and ambient conditions.
- The operation noise measuring method is in accordance with JISC9612.
- Measuring location: anechoic chamber
- The values above are for connecting with the following indoor unit types: 1.5, 2.0, 2.5, 3.5, 4.2, 5.0, 6.0 kW Class

3D106223

# 10 Operation range

## 10 - 1 Operation Range

3MXM-N



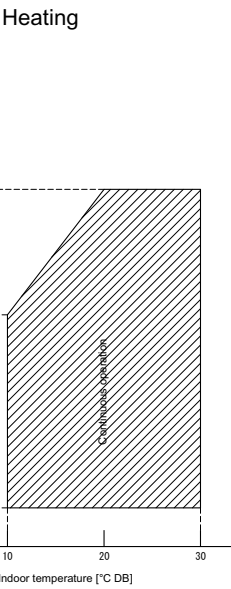
Notes

1. The graph is based on the following conditions.

Corresponding refrigerant piping length: 5 m

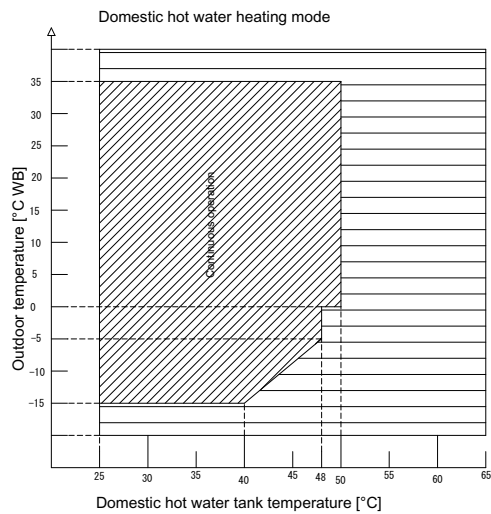
Level difference: 0m

Air flow rate High



3D101376A

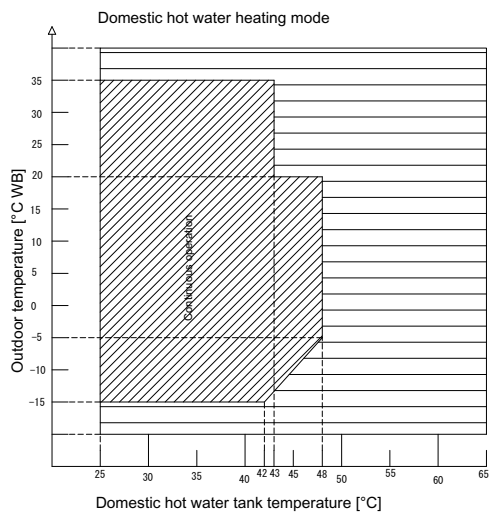
3MXM-N



Legend

Legend

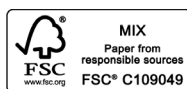
Legend



3D106319



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EEDEN17

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