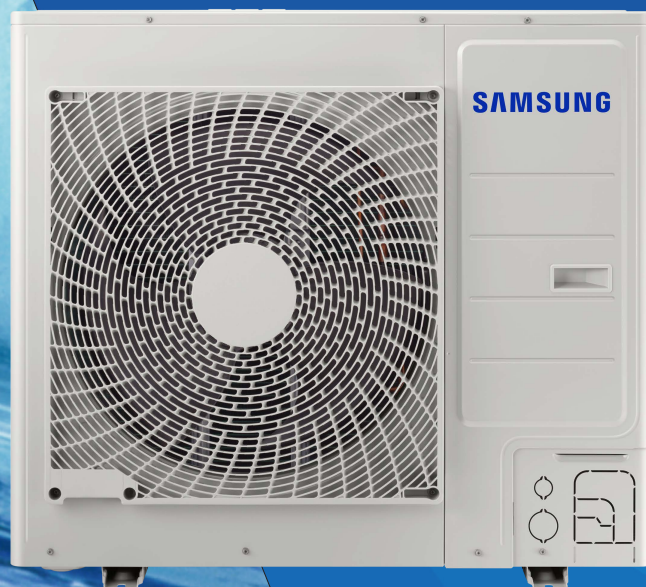


**SAMSUNG**

# **VRF**

# **Technical Data Book**

**DVM S Mini for Europe  
(R32, 50Hz, HP)**



# History

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| Version | Modification                              | Date     | Remark |
|---------|-------------------------------------------|----------|--------|
| Ver.1.0 | Released DVM S Mini R32 HP TDB for Europe | 24.05.28 |        |
| Ver.1.1 | Updated final spec.                       | 24.07.30 |        |
|         |                                           |          |        |

# Nomenclature

## Outdoor Unit

### Model Name

AM

040

D

X

M

D

K

G

/

EU

(1)

(2)

(3)

(4)

(5)

(6)

(7)

(8)

Buyer

#### (1) Classification

|    |     |
|----|-----|
| AM | DVM |
|----|-----|

#### (5) Product Notation

|   |            |
|---|------------|
| M | DVM S Mini |
|---|------------|

#### (2) Capacity

|                      |
|----------------------|
| x 1/10 HP (3 digits) |
|----------------------|

#### (6) Feature

|   |                                     |
|---|-------------------------------------|
| A | Standard + General Temp.+ MODULE    |
| H | High EER + Low Temp + Module        |
| D | STANDARD+GENERAL Temp. + NON MODULE |

#### (3) Year

|   |      |
|---|------|
| D | 2024 |
|---|------|

#### (7) Rating Voltage

|   |                       |
|---|-----------------------|
| K | 1Ø, 220~240V, 50/60Hz |
| N | 3Ø, 380~415V, 50/60Hz |

#### (4) Product Type

|   |              |
|---|--------------|
| X | Outdoor Unit |
| N | Indoor Unit  |

#### (8) Mode

|   |                     |
|---|---------------------|
| G | Heat Pump (R32)     |
| S | Heat Recovery (R32) |

# Contents

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# 1. Line up

## Outdoor units

| Capacity (HP) |        | 4                                                                                  | 5              | 6              |
|---------------|--------|------------------------------------------------------------------------------------|----------------|----------------|
| Shape         |        |  |                |                |
| Model         | 1phase | AM040DXMDKG/EU                                                                     | AM050DXMDKG/EU | AM060DXMDKG/EU |
|               | 3phase | AM040DXMDNG/EU                                                                     | AM050DXMDNG/EU | AM060DXMDNG/EU |

## 2. Specification

### Outdoor units

| Type                                         |                     |                |             | DVM S Mini                             | DVM S Mini                             | DVM S Mini                             |
|----------------------------------------------|---------------------|----------------|-------------|----------------------------------------|----------------------------------------|----------------------------------------|
| Model Name                                   |                     |                |             | AM040DXMDKG/EU                         | AM050DXMDKG/EU                         | AM060DXMDKG/EU                         |
| Power Supply                                 |                     |                | Φ, #, V, Hz | 1,2,220~240,50/60                      | 1,2,220~240,50/60                      | 1,2,220~240,50/60                      |
| Mode                                         |                     |                | -           | HEAT PUMP                              | HEAT PUMP                              | HEAT PUMP                              |
| Performance                                  | HP                  |                | HP          | 4                                      | 5                                      | 6                                      |
|                                              | Capacity (Rated)    | Cooling        | kW          | 12.10                                  | 14.00                                  | 15.50                                  |
|                                              |                     | Heating        | kW          | 12.10                                  | 14.00                                  | 15.50                                  |
|                                              |                     | Heating (Max.) | kW          | 14.20                                  | 16.00                                  | 18.00                                  |
| Maximum number of connectable indoor units   |                     |                | EA          | 8                                      | 9                                      | 10                                     |
| Total capacity of the connected indoor units |                     | Min.           | kW          | 6.00                                   | 7.00                                   | 7.80                                   |
|                                              |                     | Max.           | kW          | 15.70                                  | 18.20                                  | 20.20                                  |
| Power                                        | Power Input         | Cooling        | kW          | 3.73                                   | 4.83                                   | 5.62                                   |
|                                              |                     | Heating        |             | 2.75                                   | 3.37                                   | 3.78                                   |
|                                              |                     | Heating (Max.) |             | 3.55                                   | 4.10                                   | 5.00                                   |
|                                              | Current Input       | Cooling        | A           | 17.1                                   | 22.1                                   | 25.7                                   |
|                                              |                     | Heating        |             | 12.6                                   | 15.4                                   | 17.3                                   |
|                                              |                     | Heating (Max.) |             | 16.2                                   | 18.8                                   | 22.9                                   |
|                                              | Minimum Ssc         |                | MVA         | Equipment complying with IEC61000-3-12 | Equipment complying with IEC61000-3-12 | Equipment complying with IEC61000-3-12 |
|                                              | MCA                 |                | A           | 22.0                                   | 24.0                                   | 32.0                                   |
|                                              | MFA                 |                | A           | 25                                     | 32                                     | 40                                     |
|                                              | Energy Efficiency   | Cooling        |             | W/W                                    | 3.24                                   | 2.90                                   |
| Heating                                      |                     | W/W            | 4.40        | 4.15                                   | 4.10                                   |                                        |
| Heating (Max.)                               |                     | W/W            | 4.00        | 3.90                                   | 3.60                                   |                                        |
| Ducted                                       |                     | SEER           | W/W         | 7.90                                   | 7.40                                   | 7.20                                   |
|                                              |                     | SCOP           | W/W         | 4.80                                   | 4.70                                   | 4.60                                   |
|                                              |                     | ηs,c           | %           | 313.0                                  | 293.0                                  | 285.0                                  |
|                                              |                     | ηs,h           | %           | 189.0                                  | 185.0                                  | 181.0                                  |
| Non-Ducted                                   |                     | SEER           | W/W         | 8.50                                   | 8.20                                   | 8.00                                   |
|                                              |                     | SCOP           | W/W         | 5.10                                   | 5.10                                   | 5.10                                   |
|                                              |                     | ηs,c           | %           | 337.0                                  | 325.0                                  | 317.0                                  |
|                                              |                     | ηs,h           | %           | 201.0                                  | 201.0                                  | 201.0                                  |
| Pdesignh                                     |                     | kW             | 8.20        | 8.50                                   | 9.00                                   |                                        |
| Casing                                       |                     | Material       | Body        | -                                      | GI Steel Plate                         | GI Steel Plate                         |
|                                              | Base                |                | -           | GI Steel Plate                         | GI Steel Plate                         | GI Steel Plate                         |
| Heat exchanger                               | Type                |                | -           | Fin & Tube                             | Fin & Tube                             | Fin & Tube                             |
|                                              | Material            | Fin            | -           | Al                                     | Al                                     | Al                                     |
|                                              |                     | Tube           | -           | Cu                                     | Cu                                     | Cu                                     |
|                                              | Fin Treatment       |                | -           | Anti-corrosion                         | Anti-corrosion                         | Anti-corrosion                         |
| Compressor                                   | Type                |                | -           | Twin BLDC Rotary                       | Twin BLDC Rotary                       | Twin BLDC Rotary                       |
|                                              | Output              |                | kW × n      | 4.35                                   | 4.35                                   | 4.35                                   |
|                                              | Model Name          |                | -           | UB5TD8450FJX                           | UB5TD8450FJX                           | UB5TD8450FJX                           |
|                                              | Oil                 | Type           | -           | POE                                    | POE                                    | POE                                    |
|                                              |                     | Initial charge | cc x n      | 1500                                   | 1500                                   | 1500                                   |
| Fan                                          | Type                |                | -           | Propeller                              | Propeller                              | Propeller                              |
|                                              | Output x n          |                | W           | 122 × 1                                | 122 × 1                                | 122 × 1                                |
|                                              | Discharge direction |                | -           | Horizontal                             | Horizontal                             | Horizontal                             |
|                                              | Quantity            |                | -           | 1                                      | 1                                      | 1                                      |
|                                              | Air Flow Rate       |                | CMM         | 69.00                                  | 77.00                                  | 80.00                                  |
|                                              |                     |                | l/s         | 1150                                   | 1283                                   | 1333                                   |
| Fan Motor                                    | Type                |                | -           | BLDC Motor                             | BLDC Motor                             | BLDC Motor                             |
|                                              | Output x n          |                | W x n       | 122 x 1                                | 122 x 1                                | 122 x 1                                |
| Piping Connections                           | Liquid Pipe         |                | Φ, mm       | 9.52                                   | 9.52                                   | 9.52                                   |
|                                              |                     |                | Φ, inch     | 3/8                                    | 3/8                                    | 3/8                                    |
|                                              |                     |                | Type        | Braze Connection                       | Braze Connection                       | Braze Connection                       |
|                                              | Gas Pipe            |                | Φ, mm       | 15.88                                  | 15.88                                  | 19.05                                  |
|                                              |                     |                | Φ, inch     | 5/8                                    | 5/8                                    | 3/4                                    |
|                                              |                     |                | Type        | Braze Connection                       | Braze Connection                       | Braze Connection                       |

## 2. Specification

### Outdoor units

| Type                  |                                            |             |                    | DVM S Mini                | DVM S Mini                | DVM S Mini                |
|-----------------------|--------------------------------------------|-------------|--------------------|---------------------------|---------------------------|---------------------------|
| Model Name            |                                            |             |                    | AM040DXMDKG/EU            | AM050DXMDKG/EU            | AM060DXMDKG/EU            |
| Piping Connections    | Heat Insulation                            |             | -                  | Both liquid and gas pipes | Both liquid and gas pipes | Both liquid and gas pipes |
|                       | Installation Limitation                    | Max. Length | m                  | 80                        | 80                        | 80                        |
|                       |                                            | Max. Height | m                  | 30/25                     | 30/25                     | 30/25                     |
|                       | Piping length (ODU-IDU)                    |             | Max. [Equiv.]      | m                         | 80 [100]                  | 80 [100]                  |
|                       | Piping length (1st Branch-IDU)             |             | Max.               | m                         | 40                        | 40                        |
|                       | Total piping length (System)               |             | Max.               | m                         | 150                       | 150                       |
|                       | Level difference (ODU in highest position) |             | Max.               | m                         | 30                        | 30                        |
|                       | Level difference (IDU in highest position) |             | Max.               | m                         | 25                        | 25                        |
|                       | Level difference (IDU-IDU)                 |             | Max.               | m                         | 15                        | 15                        |
| Field Wiring          | Transmission Cable                         | Min.        | mm <sup>2</sup>    | 0.75                      | 0.75                      | 0.75                      |
|                       |                                            | Remark      | -                  | F1, F2                    | F1, F2                    | F1, F2                    |
|                       | Power supply intake                        |             | -                  | Both IDU&ODU              | Both IDU&ODU              | Both IDU&ODU              |
| Refrigerant           | Type                                       |             | -                  | R32                       | R32                       | R32                       |
|                       | Factory Charging                           |             | kg                 | 2.2                       | 2.2                       | 2.2                       |
|                       |                                            |             | tCO <sub>2</sub> e | 1.49                      | 1.49                      | 1.49                      |
| Sound Level           | Sound Pressure Level                       | Cooling     | dB(A)              | 55                        | 57                        | 58                        |
|                       |                                            | Heating     |                    | 57                        | 59                        | 60                        |
|                       | Sound Power Level                          | Cooling     |                    | 68                        | 70                        | 71                        |
|                       |                                            | Heating     |                    | 72                        | 74                        | 76                        |
| External Dimension    | Net Weight                                 |             | kg                 | 90                        | 90                        | 90                        |
|                       | Shipping Weight                            |             | kg                 | 100                       | 100                       | 100                       |
|                       | Net Dimensions (WxHxD)                     |             | mm                 | 940 × 840 × 460           | 940 × 840 × 460           | 940 × 840 × 460           |
|                       | Shipping Dimensions (WxHxD)                |             | mm                 | 1,020 × 1,030 × 575       | 1,020 × 1,030 × 575       | 1,020 × 1,030 × 575       |
| Operating Temp. Range | Cooling                                    |             | °C                 | -5 ~ 48                   | -5 ~ 48                   | -5 ~ 48                   |
|                       | Heating                                    |             | °C                 | -25 ~ 26                  | -25 ~ 26                  | -25 ~ 26                  |



#### NOTE

- Specifications may be subject to change without prior notice.
  - Cooling capacities are based on;
    - Indoor temperature: 27°C DB, 19°C WB
    - Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
  - Heating capacities are based on;
    - Indoor temperature: 20°C DB, 15°C WB
    - Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
  - Select wire size based on the value of MCA
  - Sound power level is an absolute value that a sound source generates.  
Sound pressure level is a relative value, depending on the distance and acoustic environment. Sound values are obtained in an anechoic room.  
Sound values of multi combination are theoretical values based on sound results of individual installed units.
  - These products contain R32 (GWP=675) which is fluorinated greenhouse gas.
- Recommended combination

#### \* Cassette

| Capacity | Indoor combination              |
|----------|---------------------------------|
| 4HP      | 3x AM028DN4FKG + 1x AM036DN4FKG |
| 5HP      | 4x AM036DN4FKG                  |
| 6HP      | 2x AM036DN4FKG + 2x AM045DN4FKG |

#### \* Ducted

| Capacity | Indoor combination              |
|----------|---------------------------------|
| 4HP      | 3x AM028DNMFKG + 1x AM036DNMFKG |
| 5HP      | 4x AM036DNMFKG                  |
| 6HP      | 2x AM036DNMFKG + 2x AM045DNMFKG |

## 2. Specification

### Outdoor units

| Type                                         |                     |                |             | DVM S Mini        | DVM S Mini        | DVM S Mini        |
|----------------------------------------------|---------------------|----------------|-------------|-------------------|-------------------|-------------------|
| Model Name                                   |                     |                |             | AM040DXMDNG/EU    | AM050DXMDNG/EU    | AM060DXMDNG/EU    |
| Power Supply                                 |                     |                | Φ, #, V, Hz | 3,4,380~415,50/60 | 3,4,380~415,50/60 | 3,4,380~415,50/60 |
| Mode                                         |                     |                | -           | HEAT PUMP         | HEAT PUMP         | HEAT PUMP         |
| Performance                                  | HP                  |                | HP          | 4                 | 5                 | 6                 |
|                                              | Capacity (Rated)    | Cooling        | kW          | 12.10             | 14.00             | 15.50             |
|                                              |                     | Heating        | kW          | 12.10             | 14.00             | 15.50             |
|                                              |                     | Heating (Max.) | kW          | 14.20             | 16.00             | 18.00             |
| Maximum number of connectable indoor units   |                     |                | EA          | 8                 | 9                 | 10                |
| Total capacity of the connected indoor units |                     | Min.           | kW          | 6.00              | 7.00              | 7.80              |
|                                              |                     | Max.           | kW          | 15.70             | 18.20             | 20.20             |
| Power                                        | Power Input         | Cooling        | kW          | 3.73              | 4.83              | 5.62              |
|                                              |                     | Heating        |             | 2.75              | 3.37              | 3.78              |
|                                              |                     | Heating (Max.) |             | 3.55              | 4.10              | 5.00              |
|                                              | Current Input       | Cooling        | A           | 5.9               | 7.6               | 8.8               |
|                                              |                     | Heating        |             | 4.3               | 5.3               | 5.9               |
|                                              |                     | Heating (Max.) |             | 5.6               | 6.4               | 7.8               |
|                                              | Minimum Ssc         |                | MVA         | 3.9               | 3.9               | 3.9               |
|                                              | MCA                 |                | A           | 16.1              | 16.1              | 16.1              |
|                                              | MFA                 |                | A           | 20                | 20                | 20                |
| Energy Efficiency                            | Cooling             |                | W/W         | 3.24              | 2.90              | 2.76              |
|                                              | Heating             |                | W/W         | 4.40              | 4.15              | 4.10              |
|                                              | Heating (Max.)      |                | W/W         | 4.00              | 3.90              | 3.60              |
|                                              | Ducted              | SEER           | W/W         | 7.90              | 7.40              | 7.20              |
|                                              |                     | SCOP           | W/W         | 4.80              | 4.70              | 4.60              |
|                                              |                     | ηs,c           | %           | 313.0             | 293.0             | 285.0             |
|                                              |                     | ηs,h           | %           | 189.0             | 185.0             | 181.0             |
|                                              | Non-Ducted          | SEER           | W/W         | 8.50              | 8.20              | 8.00              |
|                                              |                     | SCOP           | W/W         | 5.10              | 5.10              | 5.10              |
|                                              |                     | ηs,c           | %           | 337.0             | 325.0             | 317.0             |
|                                              |                     | ηs,h           | %           | 201.0             | 201.0             | 201.0             |
|                                              | Pdesignh            |                | kW          | 8.20              | 8.50              | 9.00              |
| Casing                                       | Material            | Body           | -           | GI Steel Plate    | GI Steel Plate    | GI Steel Plate    |
|                                              |                     | Base           | -           | GI Steel Plate    | GI Steel Plate    | GI Steel Plate    |
| Heat exchanger                               | Type                |                | -           | Fin & Tube        | Fin & Tube        | Fin & Tube        |
|                                              | Material            | Fin            | -           | Al                | Al                | Al                |
|                                              |                     | Tube           | -           | Cu                | Cu                | Cu                |
|                                              | Fin Treatment       |                | -           | Anti-corrosion    | Anti-corrosion    | Anti-corrosion    |
| Compressor                                   | Type                |                | -           | Twin BLDC Rotary  | Twin BLDC Rotary  | Twin BLDC Rotary  |
|                                              | Output              |                | kW × n      | 4.35              | 4.35              | 4.35              |
|                                              | Model Name          |                | -           | UB5TD8450FJX      | UB5TD8450FJX      | UB5TD8450FJX      |
|                                              | Oil                 | Type           | -           | POE               | POE               | POE               |
|                                              |                     | Initial charge | cc x n      | 1500              | 1500              | 1500              |
| Fan                                          | Type                |                | -           | Propeller         | Propeller         | Propeller         |
|                                              | Output x n          |                | W           | 122 × 1           | 122 × 1           | 122 × 1           |
|                                              | Discharge direction |                | -           | Horizontal        | Horizontal        | Horizontal        |
|                                              | Quantity            |                | -           | 1                 | 1                 | 1                 |
|                                              | Air Flow Rate       |                | CMM         | 69.00             | 77.00             | 80.00             |
|                                              |                     |                | l/s         | 1150              | 1283              | 1333              |
| Fan Motor                                    | Type                |                | -           | BLDC Motor        | BLDC Motor        | BLDC Motor        |
|                                              | Output x n          |                | W x n       | 122 x 1           | 122 x 1           | 122 x 1           |
| Piping Connections                           | Liquid Pipe         |                | Φ, mm       | 9.52              | 9.52              | 9.52              |
|                                              |                     |                | Φ, inch     | 3/8               | 3/8               | 3/8               |
|                                              |                     |                | Type        | Braze Connection  | Braze Connection  | Braze Connection  |
|                                              | Gas Pipe            |                | Φ, mm       | 15.88             | 15.88             | 19.05             |
|                                              |                     |                | Φ, inch     | 5/8               | 5/8               | 3/4               |
|                                              |                     |                | Type        | Braze Connection  | Braze Connection  | Braze Connection  |

## 2. Specification

### Outdoor units

| Type                  |                                            |               |                 | DVM S Mini                | DVM S Mini                | DVM S Mini                |
|-----------------------|--------------------------------------------|---------------|-----------------|---------------------------|---------------------------|---------------------------|
| Model Name            |                                            |               |                 | AM040DXMDNG/EU            | AM050DXMDNG/EU            | AM060DXMDNG/EU            |
| Piping Connections    | Heat Insulation                            |               | -               | Both liquid and gas pipes | Both liquid and gas pipes | Both liquid and gas pipes |
|                       | Installation Limitation                    | Max. Length   | m               | 80                        | 80                        | 80                        |
|                       |                                            | Max. Height   | m               | 30/25                     | 30/25                     | 30/25                     |
|                       | Piping length (ODU-IDU)                    | Max. [Equiv.] | m               | 80 [100]                  | 80 [100]                  | 80 [100]                  |
|                       | Piping length (1st Branch-IDU)             | Max.          | m               | 40                        | 40                        | 40                        |
|                       | Total piping length (System)               | Max.          | m               | 150                       | 150                       | 150                       |
|                       | Level difference (ODU in highest position) | Max.          | m               | 30                        | 30                        | 30                        |
|                       | Level difference (IDU in highest position) | Max.          | m               | 25                        | 25                        | 25                        |
|                       | Level difference (IDU-IDU)                 | Max.          | m               | 15                        | 15                        | 15                        |
| Field Wiring          | Transmission Cable                         | Min.          | mm <sup>2</sup> | 0.75                      | 0.75                      | 0.75                      |
|                       |                                            | Remark        | -               | F1, F2                    | F1, F2                    | F1, F2                    |
|                       | Power supply intake                        |               | -               | Both IDU&ODU              | Both IDU&ODU              | Both IDU&ODU              |
| Refrigerant           | Type                                       |               | -               | R32                       | R32                       | R32                       |
|                       | Factory Charging                           |               | kg              | 2.2                       | 2.2                       | 2.2                       |
|                       |                                            |               | tCO2e           | 1.49                      | 1.49                      | 1.49                      |
| Sound Level           | Sound Pressure Level                       | Cooling       | dB(A)           | 55                        | 57                        | 58                        |
|                       |                                            | Heating       |                 | 57                        | 59                        | 60                        |
|                       | Sound Power Level                          | Cooling       |                 | 68                        | 70                        | 71                        |
|                       |                                            | Heating       |                 | 72                        | 74                        | 76                        |
|                       |                                            |               |                 |                           |                           |                           |
| External Dimension    | Net Weight                                 |               | kg              | 90                        | 90                        | 90                        |
|                       | Shipping Weight                            |               | kg              | 100                       | 100                       | 100                       |
|                       | Net Dimensions (WxHxD)                     |               | mm              | 940 × 840 × 460           | 940 × 840 × 460           | 940 × 840 × 460           |
|                       | Shipping Dimensions (WxHxD)                |               | mm              | 1,020 × 1,030 × 575       | 1,020 × 1,030 × 575       | 1,020 × 1,030 × 575       |
| Operating Temp. Range | Cooling                                    |               | °C              | -5 ~ 48                   | -5 ~ 48                   | -5 ~ 48                   |
|                       | Heating                                    |               | °C              | -25 ~ 26                  | -25 ~ 26                  | -25 ~ 26                  |



### NOTE

- Specifications may be subject to change without prior notice.
  - Cooling capacities are based on;
    - Indoor temperature: 27°C DB, 19°C WB
    - Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
  - Heating capacities are based on;
    - Indoor temperature: 20°C DB, 15°C WB
    - Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
  - Select wire size based on the value of MCA
  - Sound power level is an absolute value that a sound source generates.  
Sound pressure level is a relative value, depending on the distance and acoustic environment. Sound values are obtained in an anechoic room.  
Sound values of multi combination are theoretical values based on sound results of individual installed units.
  - These products contain R32 (GWP=675) which is fluorinated greenhouse gas.
- Recommended combination

#### \* Cassette

| Capacity | Indoor combination              |
|----------|---------------------------------|
| 4HP      | 3x AM028DN4FKG + 1x AM036DN4FKG |
| 5HP      | 4x AM036DN4FKG                  |
| 6HP      | 2x AM036DN4FKG + 2x AM045DN4FKG |

#### \* Ducted

| Capacity | Indoor combination              |
|----------|---------------------------------|
| 4HP      | 3x AM028DNMFKG + 1x AM036DNMFKG |
| 5HP      | 4x AM036DNMFKG                  |
| 6HP      | 2x AM036DNMFKG + 2x AM045DNMFKG |

### 3. Electrical Characteristics

| Capacity |      | Model          | Power Supply |   |    |         | Voltage Range |             | Running Current [A] |         | Current [A] |      | ODU Fan Motor |
|----------|------|----------------|--------------|---|----|---------|---------------|-------------|---------------------|---------|-------------|------|---------------|
| HP       | KW   |                | Φ            | # | Hz | Voltage | Min. (-10%)   | Max. (+10%) | Cooling             | Heating | MCA         | MFA  |               |
| 4        | 12.1 | AM040DXMDKG/EU | 1            | 2 | 50 | 220~240 | 198           | 264         | 17.1                | 12.6    | 22.0        | 25.0 | 122           |
| 4        | 12.1 | AM040DXMDNG/EU | 3            | 4 | 50 | 380~415 | 342           | 456         | 5.9                 | 4.3     | 16.1        | 20.0 | 122           |
| 5        | 14   | AM050DXMDKG/EU | 1            | 2 | 50 | 220~240 | 198           | 264         | 22.1                | 15.4    | 24.0        | 32.0 | 122           |
| 5        | 14   | AM050DXMDNG/EU | 3            | 4 | 50 | 380~415 | 342           | 456         | 7.6                 | 5.3     | 16.1        | 20.0 | 122           |
| 6        | 15.5 | AM060DXMDKG/EU | 1            | 2 | 50 | 220~240 | 198           | 264         | 25.7                | 17.3    | 32.0        | 40.0 | 122           |
| 6        | 15.5 | AM060DXMDNG/EU | 3            | 4 | 50 | 380~415 | 342           | 456         | 8.8                 | 5.9     | 16.1        | 20.0 | 122           |

 NOTE

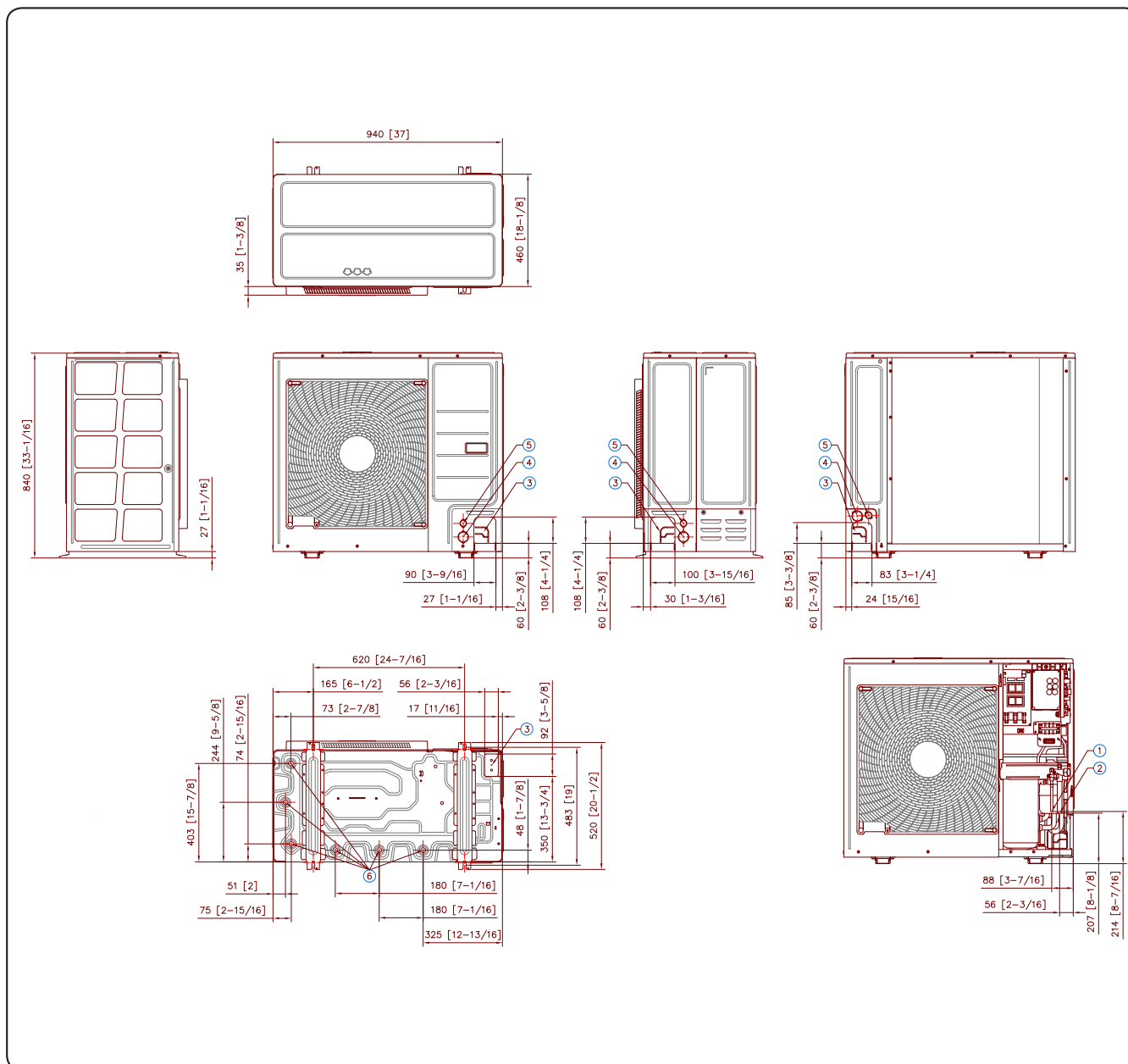
- MCA : Minimum circuit amperes
- MFA : Maximum fuse amperes
- Select wire size based on the value of MCA

## 4. Dimensional Drawing

### Outdoor units

AM040DXMDKG/EU, AM050DXMDKG/EU, AM060DXMDKG/EU, AM040DXMDNG/EU, AM050DXMDNG/EU, AM060DXMDNG/EU

Units : mm [inches]

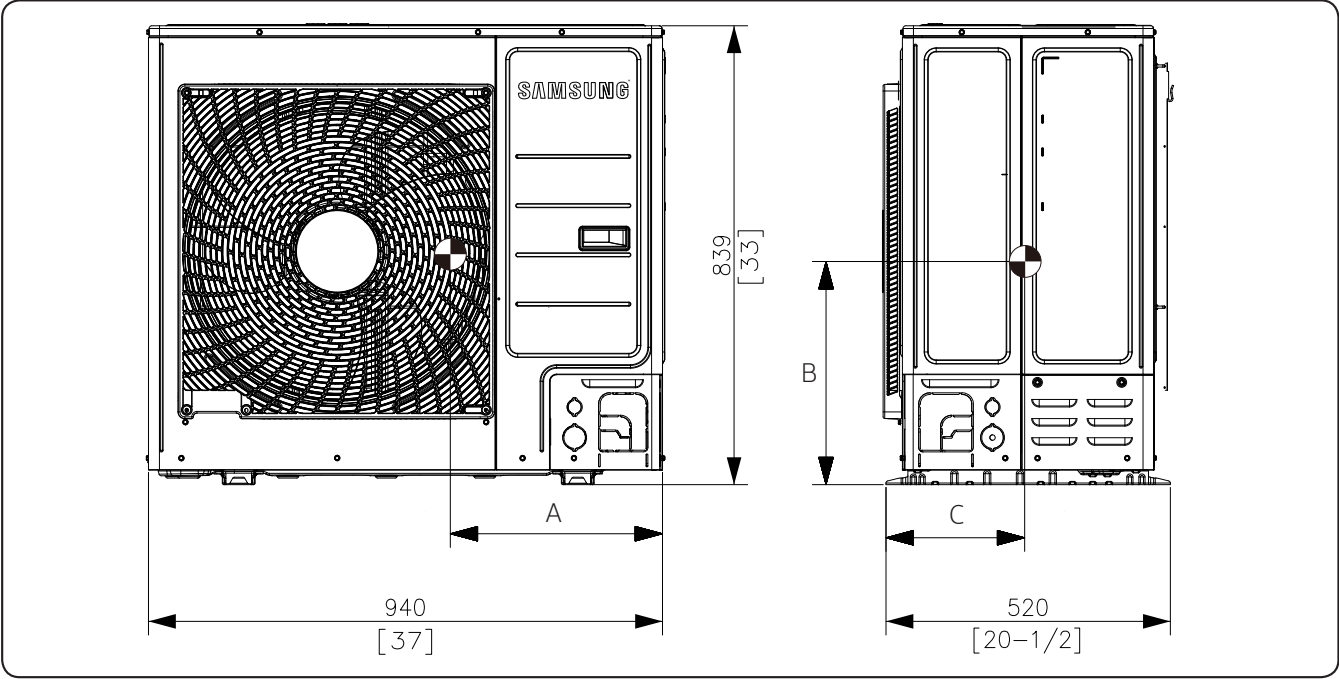


| NO | Name                          | Description                           |                |
|----|-------------------------------|---------------------------------------|----------------|
|    |                               | AM040DXMD*G/EU, AM050DXMD*G/EU        | AM060DXMD*G/EU |
| 1  | Refrigerant liquid pipe       | Φ9.52 (Φ3/8)                          |                |
| 2  | Refrigerant gas pipe          | Φ15.88 (Φ5/8)                         | Φ19.05 (Φ3/4)  |
| 3  | Knockout hole for pipe intake | Front / Side / Rear / Bottom          |                |
| 4  | Power wiring conduits         | Front / Side / Rear, Φ34 (Φ1-3/8)     |                |
| 5  | Communication wiring conduits | Front / Side / Rear, Φ22 (Φ7/8)       |                |
| 6  | Drain holes                   | Connect with the provided drain plug. |                |

# 5. Center of Gravity

## Outdoor units

Units : mm [inches]



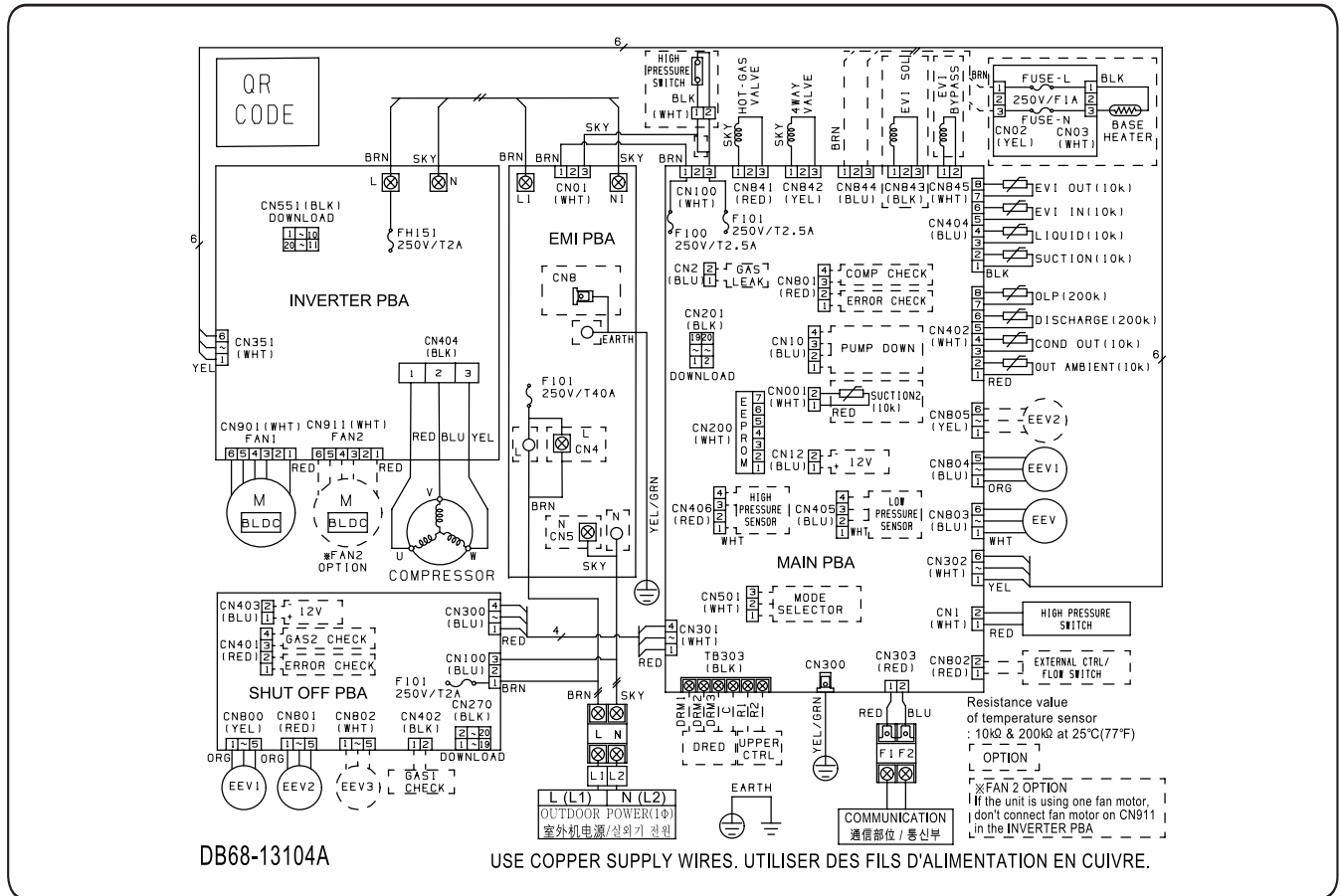
| Model          | A        | B        | C    |
|----------------|----------|----------|------|
| AM040DXMD*G/EU | 388      | 408      | 254  |
| AM050DXMD*G/EU | [15-1/4] | [16-1/8] | [10] |
| AM060DXMD*G/EU |          |          |      |

- AM040DXMDKG/EU,AM050DXMDKG/EU,AM060DXMDKG/EU

## 6. Electrical Wiring Diagram

### Outdoor units

AM040DXMDNG/EU, AM050DXMDNG/EU, AM060DXMDNG/EU



|              |                                 |             |                            |
|--------------|---------------------------------|-------------|----------------------------|
| MAIN PBA     | Printed circuit board(MAIN)     | EVI SOL     | Solenoid Valve(EVI-sol)    |
| INVERTER PBA | Printed circuit board(INVERTER) | EVI BYPASS  | Solenoid Valve(EVI-bypass) |
| EMI PBA      | Printed circuit board(EMI)      | OLP-TEMP    | Thermistor(Compressor Top) |
| SHUT OFF PBA | Printed circuit board(SHUT OFF) | DISCHARGE   | Thermistor(DISCHARGE)      |
| 250V T40A    | FUSE                            | COND OUT    | Thermistor(DISCHARGE)      |
| M(BLDC)      | Motor for Outdoor Fan           | OUT AMBIENT | Thermistor(OUT AMBIENT)    |
| COMP         | Motor for Compressor            | EVI OUT     | Thermistor(EVI OUT)        |
| HOTGAS VALVE | Solenoid Valve(Hot Gas bypass)  | EVI IN      | Thermistor(EVI IN)         |
| 4WAY-VALVE   | Solenoid Valve(4Way)            | LIQUID      | Thermistor(LIQUID)         |
| BASE HEATER  | BASE HEATER                     | SUCTION     | Thermistor(SUCTION)        |
|              |                                 | EEV         | Electronic expansion valve |

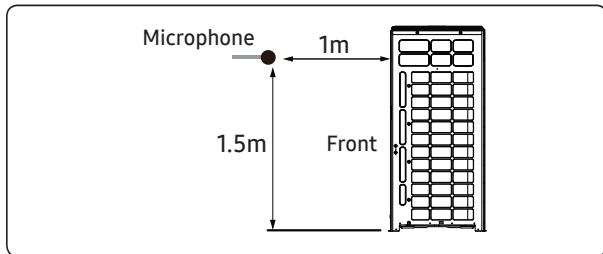
### NOTE

- This wiring diagram applies only to the outdoor unit.
- Colors BLK: black, RED: red, BLU: blue, WHT: white, YEL: yellow, BRN: brown, SKY: skyblue
- When operating, don't shortcircuit the protection device (High Pressure switch)
- For connection wiring indoor-outdoor transmission F1-F2.
- Protective earth(SCREW), : connector, : The quantity

# 7. Sound Data

## Sound Pressure level

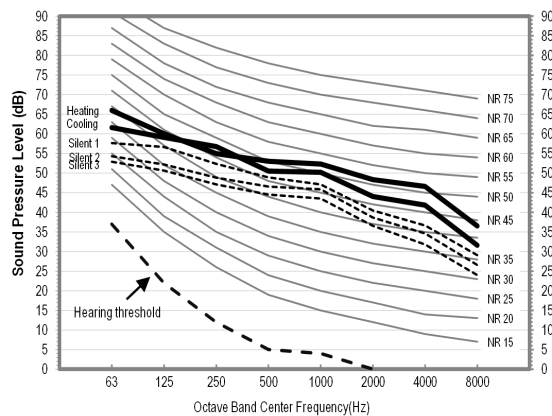
Unit: dB(A)



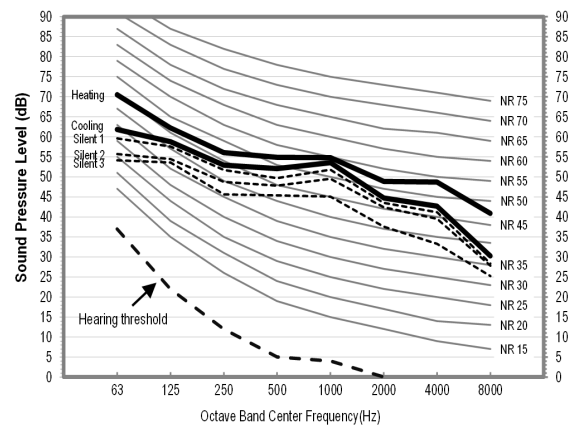
| Model          | Cooling | Silent 1 | Silent 2 | Silent 3 |
|----------------|---------|----------|----------|----------|
| AM040DXMDKG/EU | 55      | 53       | 50       | 48       |
| AM050DXMDKG/EU | 57      | 55       | 53       | 49       |
| AM060DXMDKG/EU | 58      | 55       | 53       | 49       |
| AM040DXMDNG/EU | 55      | 53       | 50       | 48       |

### • NR Curve

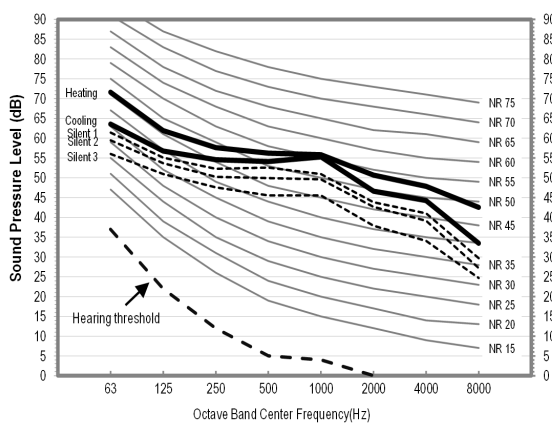
1) AM040DXMDKG/EU



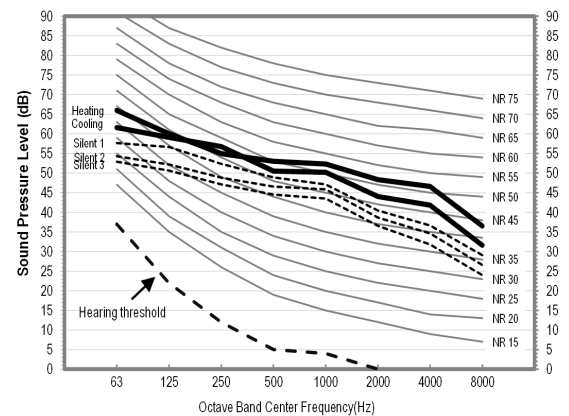
2) AM050DXMDKG/EU



3) AM060DXMDKG/EU



4) AM040DXMDNG/EU



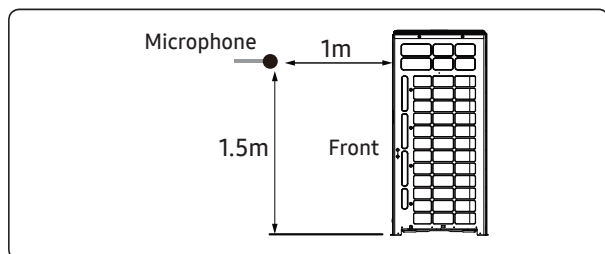
### NOTE

- Specifications may be subject to change without prior notice.
  - Sound pressure level is obtained in an anechoic room.
  - Sound pressure level is a relative value, depending on the distance and acoustic environment.
  - Sound pressure level may differ depending on operation condition.
  - dB(A) = A-weighted sound pressure level
  - Reference acoustic pressure 0 dB = 20μPa

# 7. Sound Data

## Sound Pressure level

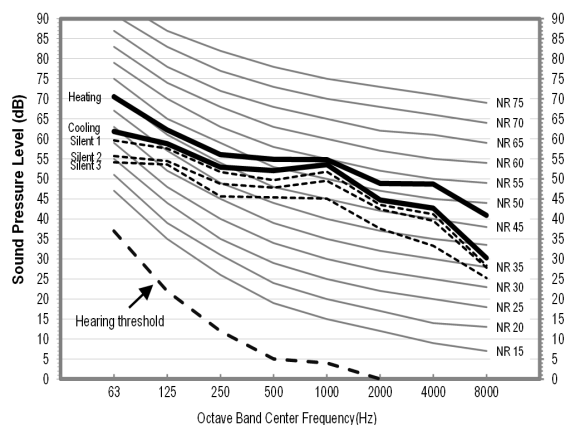
Unit: dB(A)



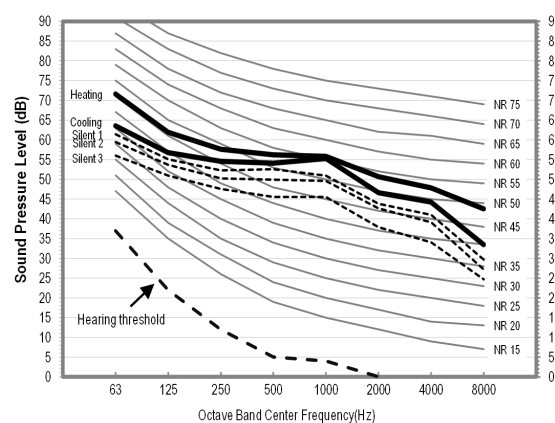
| Model          | Cooling | Silent 1 | Silent 2 | Silent 3 |
|----------------|---------|----------|----------|----------|
| AM050DXMDNG/EU | 57      | 55       | 53       | 49       |
| AM060DXMDNG/EU | 58      | 55       | 53       | 49       |

### • NR Curve

5) AM050DXMDNG/EU



6) AM060DXMDNG/EU



### NOTE

- Specifications may be subject to change without prior notice.
  - Sound pressure level is obtained in an anechoic room.
  - Sound pressure level is a relative value, depending on the distance and acoustic environment.
  - Sound pressure level may differ depending on operation condition.
  - dB(A) = A-weighted sound pressure level
  - Reference acoustic pressure 0 dB = 20μPa

# 7. Sound Data

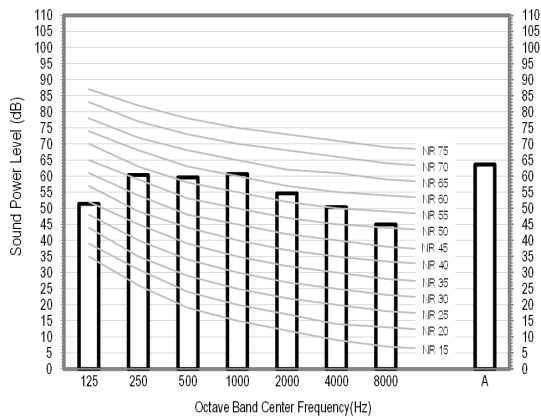
## Sound Pressure level

Unit: dB(A)

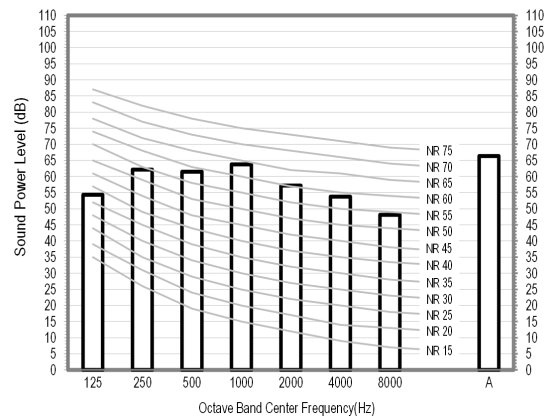
| Model          | Power |
|----------------|-------|
| AM040DXMDKG/EU | 68    |
| AM050DXMDKG/EU | 70    |
| AM060DXMDKG/EU | 71    |
| AM040DXMDNG/EU | 68    |

- NR Curve

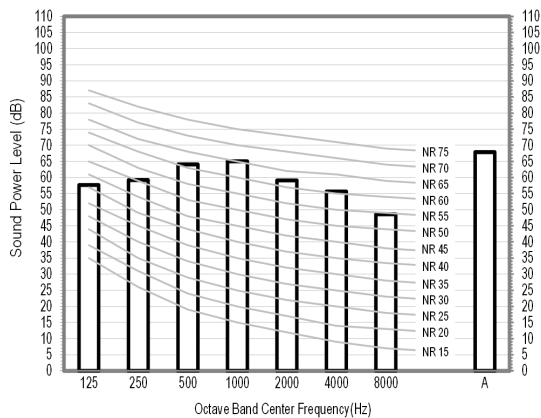
1) AM040DXMDKG/EU



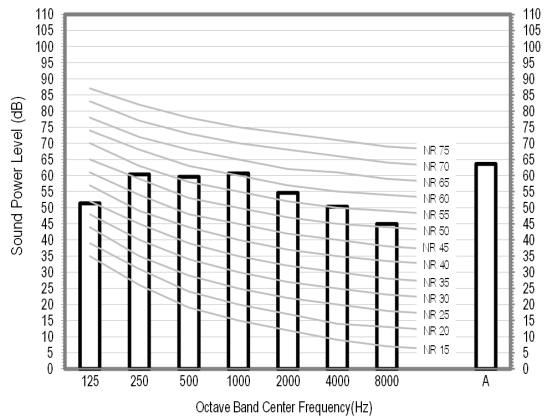
2) AM050DXMDKG/EU



3) AM060DXMDKG/EU



4) AM040DXMDNG/EU



### NOTE

- Specifications may be subject to change without prior notice.
  - Sound power level is an absolute value that a sound source generates.
  - dBA = A-weighted sound power level.
  - Reference power : 1pW.
  - Measured according to ISO 3741.

# 7. Sound Data

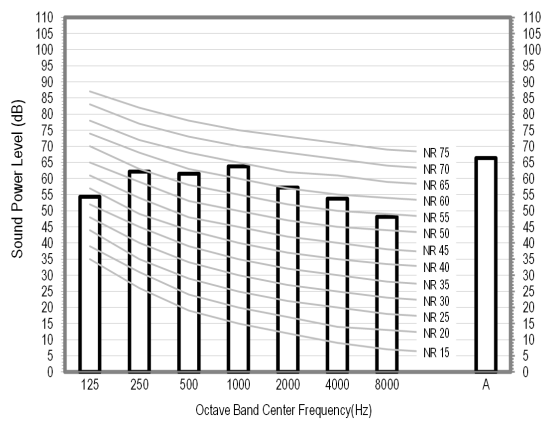
## Sound Pressure level

Unit: dB(A)

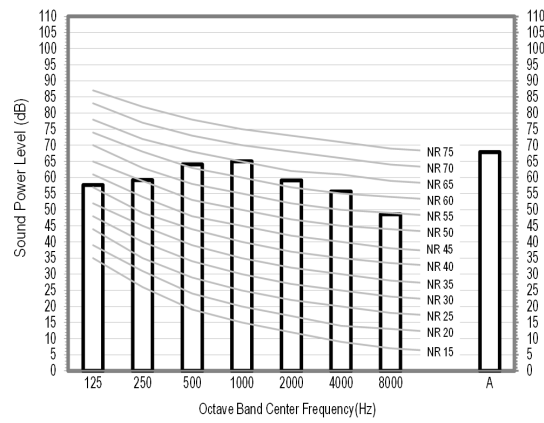
| Model          | Power |
|----------------|-------|
| AM050DXMDNG/EU | 70    |
| AM060DXMDNG/EU | 71    |

- NR Curve

5) AM050DXMDNG/EU



6) AM060DXMDNG/EU



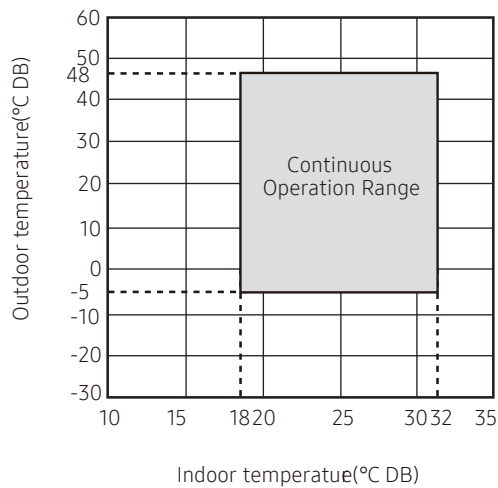
### NOTE

- Specifications may be subject to change without prior notice.
  - Sound power level is an absolute value that a sound source generates.
  - dBA = A-weighted sound power level.
  - Reference power : 1pW.
  - Measured according to ISO 3741.

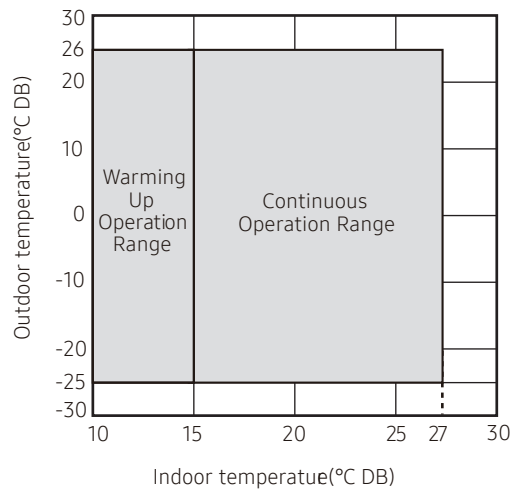
## 8. Operation Range

### Outdoor units

#### Cooling



#### Heating

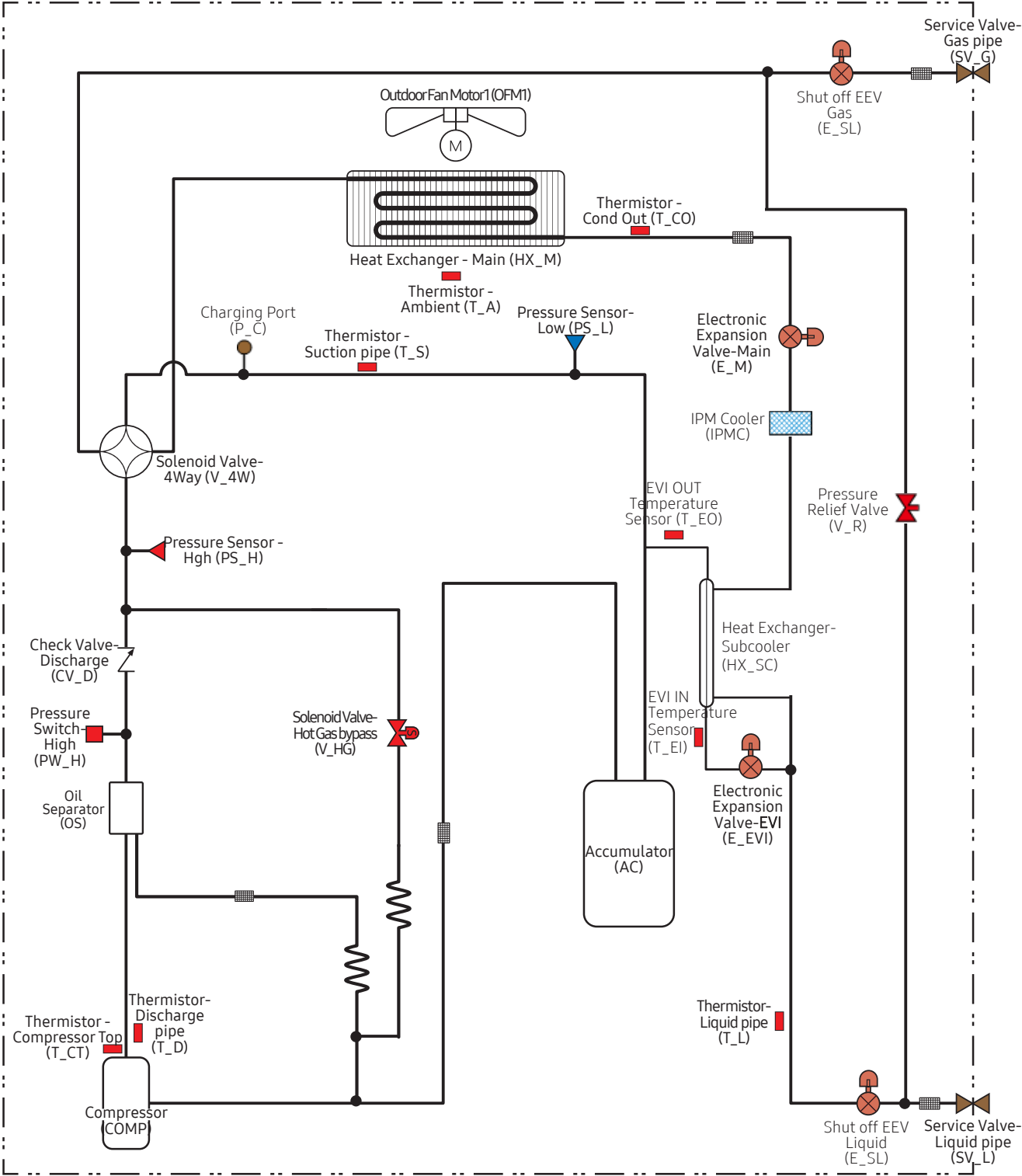


#### NOTE

- The standardized temperature for heating is 7°C DB. If the outdoor temperature drops to 0°C DB or below, the heating capacity can be reduced depending on the temperature condition.
- The use of the air conditioner at a relative humidity above the expected one (80%) may cause the formation of condensate and the leakage of water drops on the floor.

# 9. Piping Diagram

## Outdoor units



# 10. Capacity Table

## Outdoor units

AM040DXMD\*G/EU

### Cooling

TC : Total Capacity, PI : Power Input

| Combination, %<br>(Capacity index) | Outdoor<br>temperature<br>(°C, DB) | Indoor temperature (°C, WB) |          |          |          |          |          |          |          |          |          |          |          |          |          |
|------------------------------------|------------------------------------|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                    |                                    | 14                          |          | 16       |          | 18       |          | 19       |          | 20       |          | 22       |          | 24       |          |
|                                    |                                    | TC<br>kW                    | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW |
| 130                                | 10                                 | 10.20                       | 1.39     | 12.40    | 1.71     | 14.60    | 2.06     | 15.70    | 2.25     | 16.70    | 2.43     | 18.60    | 2.84     | 20.50    | 3.31     |
|                                    | 12                                 | 10.20                       | 1.45     | 12.40    | 1.80     | 14.60    | 2.18     | 15.70    | 2.38     | 16.70    | 2.58     | 18.60    | 3.03     | 20.50    | 3.54     |
|                                    | 14                                 | 10.20                       | 1.53     | 12.40    | 1.90     | 14.60    | 2.32     | 15.70    | 2.54     | 16.70    | 2.76     | 18.60    | 3.24     | 20.50    | 3.80     |
|                                    | 16                                 | 10.20                       | 1.61     | 12.40    | 2.02     | 14.60    | 2.47     | 15.70    | 2.71     | 16.70    | 2.95     | 18.60    | 3.48     | 20.50    | 4.09     |
|                                    | 18                                 | 10.20                       | 1.71     | 12.40    | 2.15     | 14.60    | 2.64     | 15.70    | 2.91     | 16.70    | 3.16     | 18.60    | 3.74     | 19.90    | 3.98     |
|                                    | 20                                 | 10.20                       | 1.82     | 12.40    | 2.29     | 14.60    | 2.83     | 15.70    | 3.12     | 16.70    | 3.40     | 18.60    | 4.03     | 19.10    | 3.87     |
|                                    | 21                                 | 10.20                       | 1.87     | 12.40    | 2.37     | 14.60    | 2.93     | 15.70    | 3.23     | 16.70    | 3.53     | 18.60    | 4.18     | 18.80    | 3.81     |
|                                    | 23                                 | 10.20                       | 2.00     | 12.40    | 2.54     | 14.60    | 3.15     | 15.70    | 3.48     | 16.70    | 3.80     | 18.00    | 4.07     | 18.00    | 3.70     |
|                                    | 25                                 | 10.20                       | 2.15     | 12.40    | 2.73     | 14.60    | 3.40     | 15.70    | 3.75     | 16.70    | 4.10     | 17.30    | 3.96     | 17.30    | 3.59     |
|                                    | 27                                 | 10.20                       | 2.30     | 12.40    | 2.94     | 14.60    | 3.66     | 15.70    | 4.05     | 16.60    | 4.20     | 16.60    | 3.85     | 16.60    | 3.48     |
|                                    | 29                                 | 10.20                       | 2.48     | 12.40    | 3.17     | 14.60    | 3.95     | 15.70    | 4.37     | 15.90    | 4.09     | 15.90    | 3.74     | 15.90    | 3.36     |
|                                    | 31                                 | 10.20                       | 2.67     | 12.40    | 3.42     | 14.60    | 4.27     | 15.10    | 4.26     | 15.10    | 3.98     | 15.10    | 3.62     | 15.10    | 3.25     |
|                                    | 33                                 | 10.20                       | 2.88     | 12.40    | 3.69     | 14.40    | 4.38     | 14.40    | 4.15     | 14.40    | 3.87     | 14.40    | 3.51     | 14.40    | 3.14     |
|                                    | 35                                 | 10.20                       | 3.11     | 12.40    | 3.99     | 13.70    | 4.27     | 13.70    | 4.04     | 13.70    | 3.76     | 13.70    | 3.40     | 13.70    | 3.03     |
|                                    | 37                                 | 10.20                       | 3.36     | 12.40    | 4.31     | 13.00    | 4.16     | 13.00    | 3.93     | 13.00    | 3.64     | 13.00    | 3.29     | 13.00    | 2.92     |
|                                    | 39                                 | 10.20                       | 3.63     | 12.20    | 4.42     | 12.20    | 4.05     | 12.20    | 3.82     | 12.20    | 3.53     | 12.20    | 3.18     | 12.20    | 2.80     |
|                                    | 43                                 | 10.20                       | 4.23     | 10.80    | 4.20     | 10.80    | 3.82     | 10.80    | 3.59     | 10.80    | 3.31     | 10.80    | 2.95     | 10.80    | 2.58     |
| 120                                | 46                                 | 9.70                        | 4.28     | 9.70     | 4.03     | 9.70     | 3.65     | 9.70     | 3.42     | 9.70     | 3.14     | 9.70     | 2.78     | 9.70     | 2.41     |
|                                    | 48                                 | 9.00                        | 4.17     | 9.00     | 3.92     | 9.00     | 3.54     | 9.00     | 3.31     | 9.00     | 3.03     | 9.00     | 2.67     | 9.00     | 2.30     |
|                                    | 10                                 | 9.40                        | 1.25     | 11.50    | 1.54     | 13.50    | 1.84     | 14.50    | 2.02     | 15.40    | 2.18     | 17.10    | 2.54     | 18.90    | 2.95     |
|                                    | 12                                 | 9.40                        | 1.30     | 11.50    | 1.61     | 13.50    | 1.95     | 14.50    | 2.14     | 15.40    | 2.31     | 17.10    | 2.70     | 18.90    | 3.15     |
|                                    | 14                                 | 9.40                        | 1.37     | 11.50    | 1.70     | 13.50    | 2.06     | 14.50    | 2.27     | 15.40    | 2.46     | 17.10    | 2.88     | 18.90    | 3.37     |
|                                    | 16                                 | 9.40                        | 1.44     | 11.50    | 1.80     | 13.50    | 2.20     | 14.50    | 2.42     | 15.40    | 2.62     | 17.10    | 3.09     | 18.90    | 3.62     |
|                                    | 18                                 | 9.40                        | 1.52     | 11.50    | 1.92     | 13.50    | 2.34     | 14.50    | 2.58     | 15.40    | 2.81     | 17.10    | 3.31     | 18.90    | 3.89     |
|                                    | 20                                 | 9.40                        | 1.62     | 11.50    | 2.04     | 13.50    | 2.51     | 14.50    | 2.77     | 15.40    | 3.02     | 17.10    | 3.56     | 18.90    | 4.19     |
|                                    | 21                                 | 9.40                        | 1.67     | 11.50    | 2.11     | 13.50    | 2.60     | 14.50    | 2.87     | 15.40    | 3.13     | 17.10    | 3.70     | 18.80    | 4.14     |
|                                    | 23                                 | 9.40                        | 1.78     | 11.50    | 2.26     | 13.50    | 2.79     | 14.50    | 3.09     | 15.40    | 3.36     | 17.10    | 3.98     | 18.00    | 4.02     |
|                                    | 25                                 | 9.40                        | 1.90     | 11.50    | 2.42     | 13.50    | 3.00     | 14.50    | 3.32     | 15.40    | 3.63     | 17.10    | 4.30     | 17.30    | 3.91     |
|                                    | 27                                 | 9.40                        | 2.04     | 11.50    | 2.61     | 13.50    | 3.23     | 14.50    | 3.58     | 15.40    | 3.91     | 16.60    | 4.19     | 16.60    | 3.80     |
|                                    | 29                                 | 9.40                        | 2.20     | 11.50    | 2.81     | 13.50    | 3.49     | 14.50    | 3.87     | 15.40    | 4.22     | 15.90    | 4.07     | 15.90    | 3.69     |
|                                    | 31                                 | 9.40                        | 2.36     | 11.50    | 3.03     | 13.50    | 3.76     | 14.50    | 4.17     | 15.10    | 4.33     | 15.10    | 3.96     | 15.10    | 3.58     |
|                                    | 33                                 | 9.40                        | 2.55     | 11.50    | 3.27     | 13.50    | 4.06     | 14.40    | 4.28     | 14.40    | 4.22     | 14.40    | 3.85     | 14.40    | 3.47     |
|                                    | 35                                 | 9.40                        | 2.75     | 11.50    | 3.53     | 13.50    | 4.39     | 13.70    | 4.17     | 13.70    | 4.11     | 13.70    | 3.74     | 13.70    | 3.35     |
|                                    | 37                                 | 9.40                        | 2.97     | 11.50    | 3.81     | 13.00    | 4.28     | 13.00    | 4.06     | 13.00    | 4.00     | 13.00    | 3.63     | 13.00    | 3.24     |
|                                    | 39                                 | 9.40                        | 3.21     | 11.50    | 4.12     | 12.20    | 4.17     | 12.20    | 3.95     | 12.20    | 3.88     | 12.20    | 3.51     | 12.20    | 3.13     |
| 110                                | 43                                 | 9.40                        | 3.74     | 10.80    | 4.33     | 10.80    | 3.94     | 10.80    | 3.72     | 10.80    | 3.66     | 10.80    | 3.29     | 10.80    | 2.91     |
|                                    | 46                                 | 9.40                        | 4.19     | 9.70     | 4.16     | 9.70     | 3.77     | 9.70     | 3.56     | 9.70     | 3.49     | 9.70     | 3.12     | 9.70     | 2.74     |
|                                    | 48                                 | 9.00                        | 4.08     | 9.00     | 4.05     | 9.00     | 3.66     | 9.00     | 3.44     | 9.00     | 3.38     | 9.00     | 3.01     | 9.00     | 2.63     |
|                                    | 10                                 | 8.70                        | 1.11     | 10.50    | 1.37     | 12.40    | 1.65     | 13.30    | 1.80     | 14.10    | 1.95     | 15.70    | 2.26     | 17.30    | 2.62     |
|                                    | 12                                 | 8.70                        | 1.16     | 10.50    | 1.44     | 12.40    | 1.74     | 13.30    | 1.90     | 14.10    | 2.06     | 15.70    | 2.40     | 17.30    | 2.79     |
|                                    | 14                                 | 8.70                        | 1.22     | 10.50    | 1.52     | 12.40    | 1.84     | 13.30    | 2.01     | 14.10    | 2.18     | 15.70    | 2.55     | 17.30    | 2.98     |
|                                    | 16                                 | 8.70                        | 1.28     | 10.50    | 1.60     | 12.40    | 1.95     | 13.30    | 2.14     | 14.10    | 2.32     | 15.70    | 2.73     | 17.30    | 3.20     |
|                                    | 18                                 | 8.70                        | 1.35     | 10.50    | 1.70     | 12.40    | 2.08     | 13.30    | 2.28     | 14.10    | 2.48     | 15.70    | 2.92     | 17.30    | 3.43     |
|                                    | 20                                 | 8.70                        | 1.43     | 10.50    | 1.81     | 12.40    | 2.22     | 13.30    | 2.44     | 14.10    | 2.66     | 15.70    | 3.14     | 17.30    | 3.69     |
|                                    | 21                                 | 8.70                        | 1.48     | 10.50    | 1.87     | 12.40    | 2.29     | 13.30    | 2.53     | 14.10    | 2.76     | 15.70    | 3.25     | 17.30    | 3.83     |
|                                    | 23                                 | 8.70                        | 1.57     | 10.50    | 1.99     | 12.40    | 2.46     | 13.30    | 2.71     | 14.10    | 2.96     | 15.70    | 3.50     | 17.30    | 4.13     |
|                                    | 25                                 | 8.70                        | 1.68     | 10.50    | 2.14     | 12.40    | 2.64     | 13.30    | 2.92     | 14.10    | 3.19     | 15.70    | 3.77     | 17.30    | 4.46     |
|                                    | 27                                 | 8.70                        | 1.80     | 10.50    | 2.30     | 12.40    | 2.85     | 13.30    | 3.14     | 14.10    | 3.44     | 15.70    | 4.07     | 16.60    | 4.34     |
|                                    | 29                                 | 8.70                        | 1.94     | 10.50    | 2.47     | 12.40    | 3.07     | 13.30    | 3.39     | 14.10    | 3.71     | 15.70    | 4.40     | 15.90    | 4.23     |
|                                    | 31                                 | 8.70                        | 2.08     | 10.50    | 2.66     | 12.40    | 3.31     | 13.30    | 3.66     | 14.10    | 4.00     | 15.10    | 4.29     | 15.10    | 4.12     |
|                                    | 33                                 | 8.70                        | 2.24     | 10.50    | 2.87     | 12.40    | 3.57     | 13.30    | 3.95     | 14.10    | 4.32     | 14.40    | 4.17     | 14.40    | 4.01     |
|                                    | 35                                 | 8.70                        | 2.42     | 10.50    | 3.10     | 12.40    | 3.86     | 13.30    | 4.27     | 13.70    | 4.21     | 13.70    | 4.06     | 13.70    | 3.90     |
| 100                                | 37                                 | 8.70                        | 2.61     | 10.50    | 3.35     | 12.40    | 4.17     | 13.00    | 4.38     | 13.00    | 4.10     | 13.00    | 3.95     | 13.00    | 3.78     |
|                                    | 39                                 | 8.70                        | 2.82     | 10.50    | 3.62     | 12.20    | 4.28     | 12.20    | 4.27     | 12.20    | 3.99     | 12.20    | 3.84     | 12.20    | 3.67     |
|                                    | 43                                 | 8.70                        | 3.29     | 10.50    | 4.21     | 10.80    | 4.05     | 10.80    | 4.05     | 10.80    | 3.76     | 10.80    | 3.61     | 10.80    | 3.45     |
|                                    | 46                                 | 8.70                        | 3.69     | 9.70     | 4.05     | 9.70     | 3.88     | 9.70     | 3.88     | 9.70     | 3.60     | 9.70     | 3.45     | 9.70     | 3.28     |
|                                    | 48                                 | 8.70                        | 3.98     | 9.00     | 3.93     | 9.00     | 3.77     | 9.00     | 3.77     | 9.00     | 3.48     | 9.00     | 3.33     | 9.00     | 3.17     |
|                                    | 10                                 | 7.90                        | 0.99     | 9.60     | 1.22     | 11.30    | 1.47     | 12.10    | 1.60     | 12.80    | 1.73     | 14.30    | 2.01     | 15.70    | 2.32     |
|                                    | 12                                 | 7.90                        | 1.03     | 9.60     | 1.27     | 11.30    | 1.55     | 12.10    | 1.69     | 12.80    | 1.83     | 14.30    | 2.13     | 15.70    | 2.47     |
|                                    | 14                                 | 7.90                        | 1.08     | 9.60     | 1.34     | 11.30    | 1.63     | 12.10    | 1.78     | 12.80    | 1.93     | 14.30    | 2.26     | 15.70    | 2.63     |
|                                    | 16                                 | 7.90                        | 1.13     | 9.60     | 1.41     | 11.30    | 1.72     | 12.10    | 1.89     | 12.80    | 2.05     | 14.30    | 2.41     | 15.70    | 2.81     |
|                                    | 18                                 | 7.90                        | 1.19     | 9.60     | 1.49     | 11.30    | 1.83     | 12.10    | 2.01     | 12.80    | 2.19     | 14.30    | 2.57     | 15.70    | 3.01     |
|                                    | 20                                 | 7.90                        | 1.26     | 9.60     | 1.59     | 11.30    | 1.95     | 12.10    | 2.15     | 12.80    | 2.34     | 14.30    | 2.76     | 15.70    | 3.23     |
|                                    | 21                                 | 7.90                        | 1.30     | 9.60     | 1.64     | 11.30    | 2.02     | 12.10    | 2.22     | 12.80    | 2.42     | 14.30    | 2.85     | 15.70    | 3.35     |
|                                    | 23                                 | 7.90                        | 1.38     | 9.60     | 1.75     | 11.30    | 2.16     | 12.10    | 2.38     | 12.80    | 2.60     | 14.30    | 3.07     | 15.70    | 3.60     |
|                                    | 25                                 | 7.90                        | 1.47     | 9.60     | 1.87     | 11.30    | 2.32     | 12.10    | 2.56     | 12.80    | 2.79     | 14.30    | 3.30     | 15.70    | 3.88     |
|                                    | 27                                 | 7.90                        | 1.58     | 9.60     | 2.00     | 11.30    | 2.49     | 12.10    | 2.75     | 12.80    | 3.01     | 14.30    | 3.56     | 15.70    | 4.19     |
|                                    | 29                                 | 7.90                        | 1.69     | 9.60     | 2.15     | 11.30    | 2.68     | 12.10    | 2.97     | 12.80    | 3.24     | 14.30    | 3.84     | 15.70    | 4.53     |
|                                    | 31                                 | 7.90                        | 1.82     | 9.60     | 2.32     | 11.30    | 2.89     | 12.10    | 3.20     | 12.80    | 3.50     | 14.30    | 4.15     | 15.10    | 4.41     |
|                                    | 33                                 | 7.90                        | 1.96     | 9.60     | 2.50     | 11.30    | 3.12     | 12.10    | 3.45     | 12.80    | 3.78     | 14.30    | 4.48     | 14.40    | 4.30     |
|                                    | 35                                 | 7.90                        | 2.11     | 9.60     | 2.70     | 11.30    | 3.37     | 12.10    | 3.73     | 12.80    | 4.08     | 13.70    | 4.37     | 13.70    | 4.19     |
|                                    | 37                                 | 7.90                        | 2.28     | 9.60     | 2.92     | 11.30    | 3.64     | 12.10    | 4.03     | 12.80    | 4.41     | 13.00    | 4.26     | 13.00    | 4.08     |
|                                    | 39                                 | 7.90                        | 2.46     | 9.60     | 3.15     | 11.30    | 3.93     | 12.10    | 4.35     | 12.20    | 4.29     | 12.20    | 4.15     | 12.20    | 3.97     |
|                                    | 43                                 | 7.90                        | 2.87     | 9.60     | 3.67     | 10.80    | 4.13     | 10.80    | 4.15     | 10.80    | 4.07     | 10.80    | 3.92     | 10.80    | 3.74     |
|                                    | 46                                 | 7.90                        | 3.22     | 9.60     | 4.11     | 9.70     | 3.96     | 9.70     | 3.98     | 9.70     | 3.90     | 9.70     | 3.75     | 9.70     | 3.57     |
|                                    | 48                                 | 7.90                        | 3.47     | 9.00     | 4.00     | 9.00     | 3.85     | 9.00     | 3.87     | 9.00     | 3.79     | 9.00     | 3.64     | 9.00     | 3.46     |

# 10. Capacity Table

## Outdoor units

AM040DXMD\*G/EU

### Cooling

TC : Total Capacity, PI : Power Input

| Combination, %<br>(Capacity index) | Outdoor<br>temperature<br>(°C, DB) | Indoor temperature (°C, WB) |          |          |          |          |          |          |          |          |          |          |          |          |          |
|------------------------------------|------------------------------------|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                    |                                    | 14                          |          | 16       |          | 18       |          | 19       |          | 20       |          | 22       |          | 24       |          |
|                                    |                                    | TC<br>kW                    | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW |
| 90                                 | 10                                 | 7.10                        | 0.85     | 8.60     | 1.06     | 10.10    | 1.28     | 10.90    | 1.39     | 11.50    | 1.50     | 12.90    | 1.74     | 14.20    | 2.01     |
|                                    | 12                                 | 7.10                        | 0.89     | 8.60     | 1.11     | 10.10    | 1.34     | 10.90    | 1.46     | 11.50    | 1.58     | 12.90    | 1.84     | 14.20    | 2.13     |
|                                    | 14                                 | 7.10                        | 0.93     | 8.60     | 1.16     | 10.10    | 1.41     | 10.90    | 1.54     | 11.50    | 1.67     | 12.90    | 1.95     | 14.20    | 2.26     |
|                                    | 16                                 | 7.10                        | 0.97     | 8.60     | 1.22     | 10.10    | 1.48     | 10.90    | 1.63     | 11.50    | 1.77     | 12.90    | 2.07     | 14.20    | 2.41     |
|                                    | 18                                 | 7.10                        | 1.02     | 8.60     | 1.29     | 10.10    | 1.57     | 10.90    | 1.73     | 11.50    | 1.88     | 12.90    | 2.20     | 14.20    | 2.57     |
|                                    | 20                                 | 7.10                        | 1.08     | 8.60     | 1.36     | 10.10    | 1.67     | 10.90    | 1.84     | 11.50    | 2.00     | 12.90    | 2.36     | 14.20    | 2.76     |
|                                    | 21                                 | 7.10                        | 1.11     | 8.60     | 1.41     | 10.10    | 1.72     | 10.90    | 1.90     | 11.50    | 2.07     | 12.90    | 2.44     | 14.20    | 2.85     |
|                                    | 23                                 | 7.10                        | 1.18     | 8.60     | 1.50     | 10.10    | 1.84     | 10.90    | 2.03     | 11.50    | 2.21     | 12.90    | 2.62     | 14.20    | 3.07     |
|                                    | 25                                 | 7.10                        | 1.26     | 8.60     | 1.60     | 10.10    | 1.97     | 10.90    | 2.18     | 11.50    | 2.38     | 12.90    | 2.81     | 14.20    | 3.30     |
|                                    | 27                                 | 7.10                        | 1.34     | 8.60     | 1.71     | 10.10    | 2.12     | 10.90    | 2.34     | 11.50    | 2.56     | 12.90    | 3.03     | 14.20    | 3.56     |
|                                    | 29                                 | 7.10                        | 1.44     | 8.60     | 1.84     | 10.10    | 2.28     | 10.90    | 2.52     | 11.50    | 2.75     | 12.90    | 3.27     | 14.20    | 3.84     |
|                                    | 31                                 | 7.10                        | 1.54     | 8.60     | 1.98     | 10.10    | 2.46     | 10.90    | 2.72     | 11.50    | 2.97     | 12.90    | 3.52     | 14.20    | 4.15     |
|                                    | 33                                 | 7.10                        | 1.66     | 8.60     | 2.13     | 10.10    | 2.65     | 10.90    | 2.94     | 11.50    | 3.20     | 12.90    | 3.81     | 14.20    | 4.48     |
|                                    | 35                                 | 7.10                        | 1.79     | 8.60     | 2.30     | 10.10    | 2.86     | 10.90    | 3.17     | 11.50    | 3.46     | 12.90    | 4.11     | 13.70    | 4.37     |
|                                    | 37                                 | 7.10                        | 1.93     | 8.60     | 2.48     | 10.10    | 3.09     | 10.90    | 3.42     | 11.50    | 3.74     | 12.90    | 4.44     | 13.00    | 4.26     |
|                                    | 39                                 | 7.10                        | 2.09     | 8.60     | 2.68     | 10.10    | 3.34     | 10.90    | 3.70     | 11.50    | 4.04     | 12.20    | 4.33     | 12.20    | 4.15     |
|                                    | 43                                 | 7.10                        | 2.43     | 8.60     | 3.13     | 10.10    | 3.89     | 10.80    | 4.09     | 10.80    | 4.03     | 10.80    | 4.10     | 10.80    | 3.92     |
|                                    | 46                                 | 7.10                        | 2.73     | 8.60     | 3.51     | 9.70     | 3.93     | 9.70     | 3.92     | 9.70     | 3.86     | 9.70     | 3.93     | 9.70     | 3.75     |
|                                    | 48                                 | 7.10                        | 2.95     | 8.60     | 3.78     | 9.00     | 3.82     | 9.00     | 3.81     | 9.00     | 3.75     | 9.00     | 3.82     | 9.00     | 3.64     |
| 80                                 | 10                                 | 6.30                        | 0.73     | 7.70     | 0.91     | 9.00     | 1.10     | 9.70     | 1.20     | 10.30    | 1.30     | 11.40    | 1.50     | 12.60    | 1.74     |
|                                    | 12                                 | 6.30                        | 0.76     | 7.70     | 0.95     | 9.00     | 1.15     | 9.70     | 1.25     | 10.30    | 1.36     | 11.40    | 1.58     | 12.60    | 1.83     |
|                                    | 14                                 | 6.30                        | 0.79     | 7.70     | 0.99     | 9.00     | 1.21     | 9.70     | 1.32     | 10.30    | 1.43     | 11.40    | 1.66     | 12.60    | 1.94     |
|                                    | 16                                 | 6.30                        | 0.83     | 7.70     | 1.04     | 9.00     | 1.27     | 9.70     | 1.39     | 10.30    | 1.51     | 11.40    | 1.76     | 12.60    | 2.05     |
|                                    | 18                                 | 6.30                        | 0.87     | 7.70     | 1.09     | 9.00     | 1.34     | 9.70     | 1.47     | 10.30    | 1.60     | 11.40    | 1.87     | 12.60    | 2.19     |
|                                    | 20                                 | 6.30                        | 0.92     | 7.70     | 1.16     | 9.00     | 1.42     | 9.70     | 1.56     | 10.30    | 1.70     | 11.40    | 2.00     | 12.60    | 2.34     |
|                                    | 21                                 | 6.30                        | 0.94     | 7.70     | 1.19     | 9.00     | 1.47     | 9.70     | 1.61     | 10.30    | 1.75     | 11.40    | 2.06     | 12.60    | 2.42     |
|                                    | 23                                 | 6.30                        | 1.00     | 7.70     | 1.26     | 9.00     | 1.56     | 9.70     | 1.72     | 10.30    | 1.87     | 11.40    | 2.21     | 12.60    | 2.59     |
|                                    | 25                                 | 6.30                        | 1.07     | 7.70     | 1.35     | 9.00     | 1.67     | 9.70     | 1.84     | 10.30    | 2.01     | 11.40    | 2.37     | 12.60    | 2.79     |
|                                    | 27                                 | 6.30                        | 1.14     | 7.70     | 1.44     | 9.00     | 1.79     | 9.70     | 1.97     | 10.30    | 2.16     | 11.40    | 2.55     | 12.60    | 3.00     |
|                                    | 29                                 | 6.30                        | 1.22     | 7.70     | 1.55     | 9.00     | 1.93     | 9.70     | 2.12     | 10.30    | 2.32     | 11.40    | 2.74     | 12.60    | 3.23     |
|                                    | 31                                 | 6.30                        | 1.30     | 7.70     | 1.66     | 9.00     | 2.07     | 9.70     | 2.29     | 10.30    | 2.50     | 11.40    | 2.96     | 12.60    | 3.49     |
|                                    | 33                                 | 6.30                        | 1.40     | 7.70     | 1.79     | 9.00     | 2.23     | 9.70     | 2.46     | 10.30    | 2.70     | 11.40    | 3.19     | 12.60    | 3.77     |
|                                    | 35                                 | 6.30                        | 1.51     | 7.70     | 1.93     | 9.00     | 2.41     | 9.70     | 2.66     | 10.30    | 2.91     | 11.40    | 3.45     | 12.60    | 4.07     |
|                                    | 37                                 | 6.30                        | 1.63     | 7.70     | 2.08     | 9.00     | 2.60     | 9.70     | 2.87     | 10.30    | 3.14     | 11.40    | 3.73     | 12.60    | 4.40     |
|                                    | 39                                 | 6.30                        | 1.76     | 7.70     | 2.25     | 9.00     | 2.81     | 9.70     | 3.10     | 10.30    | 3.39     | 11.40    | 4.02     | 12.20    | 4.51     |
|                                    | 43                                 | 6.30                        | 2.05     | 7.70     | 2.62     | 9.00     | 3.28     | 9.70     | 3.62     | 10.30    | 3.96     | 10.80    | 4.23     | 10.80    | 4.29     |
|                                    | 46                                 | 6.30                        | 2.30     | 7.70     | 2.94     | 9.00     | 3.67     | 9.70     | 4.05     | 9.70     | 4.00     | 9.70     | 4.06     | 9.70     | 4.12     |
|                                    | 48                                 | 6.30                        | 2.48     | 7.70     | 3.18     | 9.00     | 3.76     | 9.00     | 3.94     | 9.00     | 3.89     | 9.00     | 3.95     | 9.00     | 4.01     |
| 70                                 | 10                                 | 5.50                        | 0.62     | 6.70     | 0.77     | 7.90     | 0.94     | 8.50     | 1.02     | 9.00     | 1.11     | 10.00    | 1.28     | 11.00    | 1.48     |
|                                    | 12                                 | 5.50                        | 0.64     | 6.70     | 0.80     | 7.90     | 0.98     | 8.50     | 1.07     | 9.00     | 1.16     | 10.00    | 1.34     | 11.00    | 1.56     |
|                                    | 14                                 | 5.50                        | 0.67     | 6.70     | 0.83     | 7.90     | 1.02     | 8.50     | 1.12     | 9.00     | 1.21     | 10.00    | 1.41     | 11.00    | 1.64     |
|                                    | 16                                 | 5.50                        | 0.70     | 6.70     | 0.87     | 7.90     | 1.07     | 8.50     | 1.17     | 9.00     | 1.28     | 10.00    | 1.49     | 11.00    | 1.73     |
|                                    | 18                                 | 5.50                        | 0.73     | 6.70     | 0.92     | 7.90     | 1.13     | 8.50     | 1.24     | 9.00     | 1.35     | 10.00    | 1.58     | 11.00    | 1.84     |
|                                    | 20                                 | 5.50                        | 0.77     | 6.70     | 0.97     | 7.90     | 1.19     | 8.50     | 1.31     | 9.00     | 1.43     | 10.00    | 1.68     | 11.00    | 1.96     |
|                                    | 21                                 | 5.50                        | 0.79     | 6.70     | 1.00     | 7.90     | 1.23     | 8.50     | 1.35     | 9.00     | 1.47     | 10.00    | 1.73     | 11.00    | 2.03     |
|                                    | 23                                 | 5.50                        | 0.84     | 6.70     | 1.06     | 7.90     | 1.31     | 8.50     | 1.44     | 9.00     | 1.57     | 10.00    | 1.85     | 11.00    | 2.17     |
|                                    | 25                                 | 5.50                        | 0.89     | 6.70     | 1.13     | 7.90     | 1.40     | 8.50     | 1.54     | 9.00     | 1.68     | 10.00    | 1.98     | 11.00    | 2.33     |
|                                    | 27                                 | 5.50                        | 0.94     | 6.70     | 1.20     | 7.90     | 1.49     | 8.50     | 1.65     | 9.00     | 1.80     | 10.00    | 2.13     | 11.00    | 2.50     |
|                                    | 29                                 | 5.50                        | 1.01     | 6.70     | 1.29     | 7.90     | 1.60     | 8.50     | 1.77     | 9.00     | 1.93     | 10.00    | 2.29     | 11.00    | 2.69     |
|                                    | 31                                 | 5.50                        | 1.08     | 6.70     | 1.38     | 7.90     | 1.72     | 8.50     | 1.90     | 9.00     | 2.08     | 10.00    | 2.47     | 11.00    | 2.90     |
|                                    | 33                                 | 5.50                        | 1.16     | 6.70     | 1.49     | 7.90     | 1.86     | 8.50     | 2.05     | 9.00     | 2.24     | 10.00    | 2.66     | 11.00    | 3.13     |
|                                    | 35                                 | 5.50                        | 1.25     | 6.70     | 1.60     | 7.90     | 2.00     | 8.50     | 2.21     | 9.00     | 2.42     | 10.00    | 2.87     | 11.00    | 3.38     |
|                                    | 37                                 | 5.50                        | 1.35     | 6.70     | 1.73     | 7.90     | 2.16     | 8.50     | 2.39     | 9.00     | 2.61     | 10.00    | 3.10     | 11.00    | 3.65     |
|                                    | 39                                 | 5.50                        | 1.45     | 6.70     | 1.86     | 7.90     | 2.33     | 8.50     | 2.58     | 9.00     | 2.82     | 10.00    | 3.35     | 11.00    | 3.94     |
|                                    | 43                                 | 5.50                        | 1.70     | 6.70     | 2.17     | 7.90     | 2.72     | 8.50     | 3.01     | 9.00     | 3.29     | 10.00    | 3.90     | 10.80    | 4.37     |
|                                    | 46                                 | 5.50                        | 1.90     | 6.70     | 2.44     | 7.90     | 3.05     | 8.50     | 3.37     | 9.00     | 3.69     | 9.70     | 4.15     | 9.70     | 4.20     |
|                                    | 48                                 | 5.50                        | 2.06     | 6.70     | 2.63     | 7.90     | 3.29     | 8.50     | 3.63     | 9.00     | 3.78     | 9.00     | 4.04     | 9.00     | 4.09     |
| 60                                 | 10                                 | 4.70                        | 0.51     | 5.70     | 0.64     | 6.80     | 0.78     | 7.30     | 0.85     | 7.70     | 0.93     | 8.60     | 1.08     | 9.40     | 1.25     |
|                                    | 12                                 | 4.70                        | 0.53     | 5.70     | 0.67     | 6.80     | 0.81     | 7.30     | 0.89     | 7.70     | 0.97     | 8.60     | 1.13     | 9.40     | 1.31     |
|                                    | 14                                 | 4.70                        | 0.55     | 5.70     | 0.70     | 6.80     | 0.85     | 7.30     | 0.93     | 7.70     | 1.01     | 8.60     | 1.18     | 9.40     | 1.37     |
|                                    | 16                                 | 4.70                        | 0.58     | 5.70     | 0.73     | 6.80     | 0.89     | 7.30     | 0.97     | 7.70     | 1.06     | 8.60     | 1.24     | 9.40     | 1.45     |
|                                    | 18                                 | 4.70                        | 0.60     | 5.70     | 0.76     | 6.80     | 0.93     | 7.30     | 1.03     | 7.70     | 1.12     | 8.60     | 1.31     | 9.40     | 1.53     |
|                                    | 20                                 | 4.70                        | 0.63     | 5.70     | 0.80     | 6.80     | 0.99     | 7.30     | 1.08     | 7.70     | 1.18     | 8.60     | 1.39     | 9.40     | 1.62     |
|                                    | 21                                 | 4.70                        | 0.65     | 5.70     | 0.82     | 6.80     | 1.01     | 7.30     | 1.11     | 7.70     | 1.21     | 8.60     | 1.43     | 9.40     | 1.67     |
|                                    | 23                                 | 4.70                        | 0.69     | 5.70     | 0.87     | 6.80     | 1.08     | 7.30     | 1.18     | 7.70     | 1.29     | 8.60     | 1.52     | 9.40     | 1.79     |
|                                    | 25                                 | 4.70                        | 0.73     | 5.70     | 0.93     | 6.80     | 1.15     | 7.30     | 1.26     | 7.70     | 1.38     | 8.60     | 1.63     | 9.40     | 1.91     |
|                                    | 27                                 | 4.70                        | 0.77     | 5.70     | 0.99     | 6.80     | 1.22     | 7.30     | 1.35     | 7.70     | 1.47     | 8.60     | 1.74     | 9.40     | 2.05     |
|                                    | 29                                 | 4.70                        | 0.83     | 5.70     | 1.06     | 6.80     | 1.31     | 7.30     | 1.45     | 7.70     | 1.58     | 8.60     | 1.87     | 9.40     | 2.20     |
|                                    | 31                                 | 4.70                        | 0.88     | 5.70     | 1.13     | 6.80     | 1.41     | 7.30     | 1.55     | 7.70     | 1.70     | 8.60     | 2.01     | 9.40     | 2.37     |
|                                    | 33                                 | 4.70                        | 0.95     | 5.70     | 1.22     | 6.80     | 1.51     | 7.30     | 1.67     | 7.70     | 1.83     | 8.60     | 2.17     | 9.40     | 2.56     |
|                                    | 35                                 | 4.70                        | 1.02     | 5.70     | 1.31     | 6.80     | 1.63     | 7.30     | 1.80     | 7.70     | 1.97     | 8.60     | 2.34     | 9.40     | 2.76     |
|                                    | 37                                 | 4.70                        | 1.10     | 5.70     | 1.41     | 6.80     | 1.76     | 7.30     | 1.94     | 7.70     | 2.13     | 8.60     | 2.53     | 9.40     | 2.98     |
|                                    | 39                                 | 4.70                        | 1.19     | 5.70     | 1.52     | 6.80     | 1.90     | 7.30     | 2.10     | 7.70     | 2.30     | 8.60     | 2.73     | 9.40     | 3.22     |
|                                    | 43                                 | 4.70                        | 1.38     | 5.70     | 1.78     | 6.80     | 2.22     | 7.30     | 2.45     | 7.70     | 2.68     | 8.60     | 3.18     | 9.40     | 3.75     |
|                                    | 46                                 | 4.70                        | 1.55     | 5.70     | 2.00     | 6.80     | 2.49     | 7.30     | 2.75     | 7.70     | 3.00     | 8.60     | 3.57     | 9.40     | 4.21     |
|                                    | 48                                 | 4.70                        | 1.68     | 5.70     | 2.15     | 6.80     | 2.68     | 7.30     | 2.96     | 7.70     | 3.24     | 8.60     | 3.85     | 9.00     | 4.09     |

# 10. Capacity Table

## Outdoor units

AM040DXMD\*G/EU

### Cooling

TC : Total Capacity, PI : Power Input

| Combination, %<br>(Capacity index) | Outdoor<br>temperature<br>(°C, DB) | Indoor temperature (°C, WB) |          |          |          |          |          |          |          |          |          |          |          |          |          |
|------------------------------------|------------------------------------|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                    |                                    | 14                          |          | 16       |          | 18       |          | 19       |          | 20       |          | 22       |          | 24       |          |
|                                    |                                    | TC<br>kW                    | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW |
| 50                                 | 10                                 | 3.90                        | 0.42     | 4.80     | 0.52     | 5.60     | 0.64     | 6.10     | 0.70     | 6.40     | 0.76     | 7.10     | 0.89     | 7.90     | 1.02     |
|                                    | 12                                 | 3.90                        | 0.43     | 4.80     | 0.54     | 5.60     | 0.67     | 6.10     | 0.73     | 6.40     | 0.79     | 7.10     | 0.92     | 7.90     | 1.07     |
|                                    | 14                                 | 3.90                        | 0.45     | 4.80     | 0.56     | 5.60     | 0.69     | 6.10     | 0.76     | 6.40     | 0.82     | 7.10     | 0.96     | 7.90     | 1.12     |
|                                    | 16                                 | 3.90                        | 0.47     | 4.80     | 0.59     | 5.60     | 0.72     | 6.10     | 0.79     | 6.40     | 0.86     | 7.10     | 1.01     | 7.90     | 1.17     |
|                                    | 18                                 | 3.90                        | 0.49     | 4.80     | 0.62     | 5.60     | 0.76     | 6.10     | 0.83     | 6.40     | 0.91     | 7.10     | 1.06     | 7.90     | 1.24     |
|                                    | 20                                 | 3.90                        | 0.51     | 4.80     | 0.65     | 5.60     | 0.80     | 6.10     | 0.87     | 6.40     | 0.95     | 7.10     | 1.12     | 7.90     | 1.31     |
|                                    | 21                                 | 3.90                        | 0.52     | 4.80     | 0.66     | 5.60     | 0.82     | 6.10     | 0.90     | 6.40     | 0.98     | 7.10     | 1.15     | 7.90     | 1.35     |
|                                    | 23                                 | 3.90                        | 0.55     | 4.80     | 0.70     | 5.60     | 0.87     | 6.10     | 0.95     | 6.40     | 1.04     | 7.10     | 1.22     | 7.90     | 1.43     |
|                                    | 25                                 | 3.90                        | 0.58     | 4.80     | 0.74     | 5.60     | 0.92     | 6.10     | 1.01     | 6.40     | 1.11     | 7.10     | 1.30     | 7.90     | 1.53     |
|                                    | 27                                 | 3.90                        | 0.62     | 4.80     | 0.79     | 5.60     | 0.98     | 6.10     | 1.08     | 6.40     | 1.18     | 7.10     | 1.39     | 7.90     | 1.64     |
|                                    | 29                                 | 3.90                        | 0.66     | 4.80     | 0.84     | 5.60     | 1.05     | 6.10     | 1.15     | 6.40     | 1.26     | 7.10     | 1.49     | 7.90     | 1.75     |
|                                    | 31                                 | 3.90                        | 0.70     | 4.80     | 0.90     | 5.60     | 1.12     | 6.10     | 1.24     | 6.40     | 1.36     | 7.10     | 1.60     | 7.90     | 1.89     |
|                                    | 33                                 | 3.90                        | 0.75     | 4.80     | 0.97     | 5.60     | 1.21     | 6.10     | 1.33     | 6.40     | 1.46     | 7.10     | 1.73     | 7.90     | 2.03     |
|                                    | 35                                 | 3.90                        | 0.81     | 4.80     | 1.04     | 5.60     | 1.30     | 6.10     | 1.43     | 6.40     | 1.57     | 7.10     | 1.86     | 7.90     | 2.19     |
|                                    | 37                                 | 3.90                        | 0.87     | 4.80     | 1.12     | 5.60     | 1.40     | 6.10     | 1.54     | 6.40     | 1.69     | 7.10     | 2.01     | 7.90     | 2.36     |
|                                    | 39                                 | 3.90                        | 0.94     | 4.80     | 1.21     | 5.60     | 1.51     | 6.10     | 1.66     | 6.40     | 1.83     | 7.10     | 2.17     | 7.90     | 2.55     |
|                                    | 43                                 | 3.90                        | 1.10     | 4.80     | 1.41     | 5.60     | 1.76     | 6.10     | 1.94     | 6.40     | 2.13     | 7.10     | 2.53     | 7.90     | 2.98     |
|                                    | 46                                 | 3.90                        | 1.23     | 4.80     | 1.58     | 5.60     | 1.98     | 6.10     | 2.18     | 6.40     | 2.39     | 7.10     | 2.84     | 7.90     | 3.34     |
|                                    | 48                                 | 3.90                        | 1.33     | 4.80     | 1.71     | 5.60     | 2.14     | 6.10     | 2.35     | 6.40     | 2.58     | 7.10     | 3.06     | 7.90     | 3.60     |

### NOTE

- The performance table shows the average value of each conditions.

# 10. Capacity Table

## Outdoor units

AM050DXMD\*G/EU

### Cooling

TC : Total Capacity, PI : Power Input

| Combination, %<br>(Capacity index) | Outdoor<br>temperature<br>(°C, DB) | Indoor temperature (°C, WB) |          |          |          |          |          |          |          |          |          |          |          |          |          |
|------------------------------------|------------------------------------|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                    |                                    | 14                          |          | 16       |          | 18       |          | 19       |          | 20       |          | 22       |          | 24       |          |
|                                    |                                    | TC<br>kW                    | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW |
| 130                                | 10                                 | 11.80                       | 1.76     | 14.40    | 2.18     | 16.90    | 2.63     | 18.20    | 2.88     | 19.30    | 3.12     | 21.50    | 3.64     | 23.70    | 4.26     |
|                                    | 12                                 | 11.80                       | 1.85     | 14.40    | 2.30     | 16.90    | 2.79     | 18.20    | 3.06     | 19.30    | 3.32     | 21.50    | 3.90     | 23.70    | 4.57     |
|                                    | 14                                 | 11.80                       | 1.95     | 14.40    | 2.44     | 16.90    | 2.97     | 18.20    | 3.27     | 19.30    | 3.55     | 21.50    | 4.18     | 23.70    | 4.92     |
|                                    | 16                                 | 11.80                       | 2.07     | 14.40    | 2.59     | 16.90    | 3.17     | 18.20    | 3.50     | 19.30    | 3.80     | 21.50    | 4.49     | 23.50    | 5.03     |
|                                    | 18                                 | 11.80                       | 2.19     | 14.40    | 2.76     | 16.90    | 3.40     | 18.20    | 3.75     | 19.30    | 4.09     | 21.50    | 4.84     | 22.70    | 4.88     |
|                                    | 20                                 | 11.80                       | 2.34     | 14.40    | 2.95     | 16.90    | 3.65     | 18.20    | 4.03     | 19.30    | 4.40     | 21.50    | 5.21     | 21.80    | 4.74     |
|                                    | 21                                 | 11.80                       | 2.41     | 14.40    | 3.06     | 16.90    | 3.78     | 18.20    | 4.18     | 19.30    | 4.57     | 21.40    | 5.14     | 21.40    | 4.67     |
|                                    | 23                                 | 11.80                       | 2.58     | 14.40    | 3.28     | 16.90    | 4.07     | 18.20    | 4.51     | 19.30    | 4.92     | 20.60    | 5.00     | 20.60    | 4.52     |
|                                    | 25                                 | 11.80                       | 2.77     | 14.40    | 3.53     | 16.90    | 4.39     | 18.20    | 4.86     | 19.30    | 5.31     | 19.70    | 4.85     | 19.70    | 4.38     |
|                                    | 27                                 | 11.80                       | 2.98     | 14.40    | 3.81     | 16.90    | 4.74     | 18.20    | 5.25     | 18.90    | 5.39     | 18.90    | 4.71     | 18.90    | 4.23     |
|                                    | 29                                 | 11.80                       | 3.21     | 14.40    | 4.11     | 16.90    | 5.11     | 18.10    | 5.38     | 18.10    | 5.24     | 18.10    | 4.56     | 18.10    | 4.09     |
|                                    | 31                                 | 11.80                       | 3.46     | 14.40    | 4.43     | 16.90    | 5.46     | 17.20    | 5.24     | 17.20    | 5.10     | 17.20    | 4.42     | 17.20    | 3.94     |
|                                    | 33                                 | 11.80                       | 3.73     | 14.40    | 4.79     | 16.40    | 5.32     | 16.40    | 5.09     | 16.40    | 4.95     | 16.40    | 4.27     | 16.40    | 3.80     |
|                                    | 35                                 | 11.80                       | 4.03     | 14.40    | 5.17     | 15.50    | 5.17     | 15.50    | 4.95     | 15.50    | 4.81     | 15.50    | 4.13     | 15.50    | 3.65     |
|                                    | 37                                 | 11.80                       | 4.35     | 14.40    | 5.46     | 14.70    | 5.03     | 14.70    | 4.80     | 14.70    | 4.66     | 14.70    | 3.98     | 14.70    | 3.51     |
|                                    | 39                                 | 11.80                       | 4.70     | 13.90    | 5.32     | 13.90    | 4.88     | 13.90    | 4.66     | 13.90    | 4.52     | 13.90    | 3.84     | 13.90    | 3.36     |
|                                    | 43                                 | 11.80                       | 5.46     | 12.20    | 5.03     | 12.20    | 4.59     | 12.20    | 4.37     | 12.20    | 4.23     | 12.20    | 3.55     | 12.20    | 3.07     |
| 120                                | 46                                 | 10.90                       | 5.24     | 10.90    | 4.81     | 10.90    | 4.37     | 10.90    | 4.15     | 10.90    | 4.01     | 10.90    | 3.33     | 10.90    | 2.85     |
|                                    | 48                                 | 10.10                       | 5.10     | 10.10    | 4.66     | 10.10    | 4.23     | 10.10    | 4.01     | 10.10    | 3.87     | 10.10    | 3.18     | 10.10    | 2.71     |
|                                    | 10                                 | 10.90                       | 1.58     | 13.30    | 1.96     | 15.60    | 2.36     | 16.80    | 2.57     | 17.80    | 2.78     | 19.80    | 3.25     | 21.80    | 3.79     |
|                                    | 12                                 | 10.90                       | 1.66     | 13.30    | 2.06     | 15.60    | 2.50     | 16.80    | 2.73     | 17.80    | 2.96     | 19.80    | 3.47     | 21.80    | 4.06     |
|                                    | 14                                 | 10.90                       | 1.74     | 13.30    | 2.18     | 15.60    | 2.65     | 16.80    | 2.91     | 17.80    | 3.15     | 19.80    | 3.71     | 21.80    | 4.35     |
|                                    | 16                                 | 10.90                       | 1.84     | 13.30    | 2.31     | 15.60    | 2.82     | 16.80    | 3.10     | 17.80    | 3.37     | 19.80    | 3.98     | 21.80    | 4.68     |
|                                    | 18                                 | 10.90                       | 1.95     | 13.30    | 2.46     | 15.60    | 3.02     | 16.80    | 3.32     | 17.80    | 3.62     | 19.80    | 4.28     | 21.80    | 5.04     |
|                                    | 20                                 | 10.90                       | 2.08     | 13.30    | 2.63     | 15.60    | 3.24     | 16.80    | 3.57     | 17.80    | 3.89     | 19.80    | 4.61     | 21.80    | 5.43     |
|                                    | 21                                 | 10.90                       | 2.14     | 13.30    | 2.72     | 15.60    | 3.35     | 16.80    | 3.70     | 17.80    | 4.03     | 19.80    | 4.78     | 21.40    | 5.36     |
|                                    | 23                                 | 10.90                       | 2.29     | 13.30    | 2.91     | 15.60    | 3.60     | 16.80    | 3.98     | 17.80    | 4.35     | 19.80    | 5.16     | 20.60    | 5.22     |
|                                    | 25                                 | 10.90                       | 2.46     | 13.30    | 3.13     | 15.60    | 3.88     | 16.80    | 4.29     | 17.80    | 4.69     | 19.70    | 5.29     | 19.70    | 5.07     |
|                                    | 27                                 | 10.90                       | 2.64     | 13.30    | 3.37     | 15.60    | 4.19     | 16.80    | 4.63     | 17.80    | 5.06     | 18.90    | 5.14     | 18.90    | 4.93     |
|                                    | 29                                 | 10.90                       | 2.84     | 13.30    | 3.63     | 15.60    | 4.52     | 16.80    | 5.00     | 17.80    | 5.46     | 18.10    | 5.00     | 18.10    | 4.78     |
|                                    | 31                                 | 10.90                       | 3.06     | 13.30    | 3.92     | 15.60    | 4.88     | 16.80    | 5.40     | 17.20    | 5.32     | 17.20    | 4.85     | 17.20    | 4.64     |
|                                    | 33                                 | 10.90                       | 3.30     | 13.30    | 4.23     | 15.60    | 5.27     | 16.40    | 5.39     | 16.40    | 5.17     | 16.40    | 4.71     | 16.40    | 4.49     |
|                                    | 35                                 | 10.90                       | 3.56     | 13.30    | 4.57     | 15.50    | 5.39     | 15.50    | 5.24     | 15.50    | 5.03     | 15.50    | 4.56     | 15.50    | 4.35     |
|                                    | 37                                 | 10.90                       | 3.85     | 13.30    | 4.94     | 14.70    | 5.24     | 14.70    | 5.10     | 14.70    | 4.88     | 14.70    | 4.42     | 14.70    | 4.20     |
|                                    | 39                                 | 10.90                       | 4.15     | 13.30    | 5.33     | 13.90    | 5.10     | 13.90    | 4.95     | 13.90    | 4.74     | 13.90    | 4.27     | 13.90    | 4.06     |
| 110                                | 43                                 | 10.90                       | 4.84     | 12.20    | 5.24     | 12.20    | 4.81     | 12.20    | 4.66     | 12.20    | 4.45     | 12.20    | 3.98     | 12.20    | 3.77     |
|                                    | 46                                 | 10.90                       | 5.42     | 10.90    | 5.03     | 10.90    | 4.59     | 10.90    | 4.45     | 10.90    | 4.23     | 10.90    | 3.76     | 10.90    | 3.55     |
|                                    | 48                                 | 10.10                       | 5.28     | 10.10    | 4.88     | 10.10    | 4.45     | 10.10    | 4.30     | 10.10    | 4.08     | 10.10    | 3.62     | 10.10    | 3.40     |
|                                    | 10                                 | 10.00                       | 1.42     | 12.20    | 1.75     | 14.30    | 2.11     | 15.40    | 2.30     | 16.30    | 2.49     | 18.20    | 2.89     | 20.00    | 3.36     |
|                                    | 12                                 | 10.00                       | 1.48     | 12.20    | 1.83     | 14.30    | 2.22     | 15.40    | 2.43     | 16.30    | 2.63     | 18.20    | 3.08     | 20.00    | 3.59     |
|                                    | 14                                 | 10.00                       | 1.56     | 12.20    | 1.93     | 14.30    | 2.36     | 15.40    | 2.58     | 16.30    | 2.80     | 18.20    | 3.29     | 20.00    | 3.84     |
|                                    | 16                                 | 10.00                       | 1.64     | 12.20    | 2.05     | 14.30    | 2.50     | 15.40    | 2.75     | 16.30    | 2.99     | 18.20    | 3.52     | 20.00    | 4.12     |
|                                    | 18                                 | 10.00                       | 1.73     | 12.20    | 2.18     | 14.30    | 2.67     | 15.40    | 2.94     | 16.30    | 3.20     | 18.20    | 3.77     | 20.00    | 4.43     |
|                                    | 20                                 | 10.00                       | 1.84     | 12.20    | 2.32     | 14.30    | 2.86     | 15.40    | 3.15     | 16.30    | 3.43     | 18.20    | 4.06     | 20.00    | 4.77     |
|                                    | 21                                 | 10.00                       | 1.90     | 12.20    | 2.40     | 14.30    | 2.96     | 15.40    | 3.26     | 16.30    | 3.56     | 18.20    | 4.21     | 20.00    | 4.95     |
|                                    | 23                                 | 10.00                       | 2.03     | 12.20    | 2.57     | 14.30    | 3.18     | 15.40    | 3.50     | 16.30    | 3.83     | 18.20    | 4.53     | 20.00    | 5.34     |
|                                    | 25                                 | 10.00                       | 2.17     | 12.20    | 2.75     | 14.30    | 3.42     | 15.40    | 3.77     | 16.30    | 4.12     | 18.20    | 4.89     | 19.70    | 5.39     |
|                                    | 27                                 | 10.00                       | 2.33     | 12.20    | 2.96     | 14.30    | 3.68     | 15.40    | 4.07     | 16.30    | 4.45     | 18.20    | 5.28     | 18.90    | 5.24     |
|                                    | 29                                 | 10.00                       | 2.50     | 12.20    | 3.19     | 14.30    | 3.97     | 15.40    | 4.39     | 16.30    | 4.80     | 18.10    | 5.39     | 18.10    | 5.10     |
|                                    | 31                                 | 10.00                       | 2.69     | 12.20    | 3.44     | 14.30    | 4.29     | 15.40    | 4.74     | 16.30    | 5.19     | 17.20    | 5.24     | 17.20    | 4.95     |
|                                    | 33                                 | 10.00                       | 2.90     | 12.20    | 3.71     | 14.30    | 4.63     | 15.40    | 5.12     | 16.30    | 5.46     | 16.40    | 5.10     | 16.40    | 4.81     |
|                                    | 35                                 | 10.00                       | 3.13     | 12.20    | 4.01     | 14.30    | 5.00     | 15.40    | 5.46     | 15.50    | 5.32     | 15.50    | 4.95     | 15.50    | 4.66     |
|                                    | 37                                 | 10.00                       | 3.38     | 12.20    | 4.33     | 14.30    | 5.40     | 14.70    | 5.32     | 14.70    | 5.17     | 14.70    | 4.81     | 14.70    | 4.52     |
| 100                                | 39                                 | 10.00                       | 3.65     | 12.20    | 4.68     | 13.90    | 5.25     | 13.90    | 5.17     | 13.90    | 5.03     | 13.90    | 4.66     | 13.90    | 4.37     |
|                                    | 43                                 | 10.00                       | 4.26     | 12.20    | 5.45     | 12.20    | 4.96     | 12.20    | 4.88     | 12.20    | 4.74     | 12.20    | 4.37     | 12.20    | 4.08     |
|                                    | 46                                 | 10.00                       | 4.77     | 10.90    | 5.23     | 10.90    | 4.75     | 10.90    | 4.66     | 10.90    | 4.52     | 10.90    | 4.16     | 10.90    | 3.87     |
|                                    | 48                                 | 10.00                       | 5.05     | 10.10    | 5.09     | 10.10    | 4.60     | 10.10    | 4.52     | 10.10    | 4.37     | 10.10    | 4.01     | 10.10    | 3.72     |
|                                    | 10                                 | 9.10                        | 1.26     | 11.10    | 1.55     | 13.00    | 1.87     | 14.00    | 2.04     | 14.80    | 2.21     | 16.50    | 2.57     | 18.20    | 2.98     |
|                                    | 12                                 | 9.10                        | 1.31     | 11.10    | 1.63     | 13.00    | 1.97     | 14.00    | 2.16     | 14.80    | 2.33     | 16.50    | 2.72     | 18.20    | 3.17     |
|                                    | 14                                 | 9.10                        | 1.38     | 11.10    | 1.71     | 13.00    | 2.08     | 14.00    | 2.28     | 14.80    | 2.48     | 16.50    | 2.90     | 18.20    | 3.38     |
|                                    | 16                                 | 9.10                        | 1.45     | 11.10    | 1.81     | 13.00    | 2.21     | 14.00    | 2.43     | 14.80    | 2.63     | 16.50    | 3.09     | 18.20    | 3.62     |
|                                    | 18                                 | 9.10                        | 1.53     | 11.10    | 1.92     | 13.00    | 2.35     | 14.00    | 2.59     | 14.80    | 2.81     | 16.50    | 3.31     | 18.20    | 3.88     |
|                                    | 20                                 | 9.10                        | 1.62     | 11.10    | 2.04     | 13.00    | 2.51     | 14.00    | 2.77     | 14.80    | 3.01     | 16.50    | 3.55     | 18.20    | 4.17     |
|                                    | 21                                 | 9.10                        | 1.67     | 11.10    | 2.11     | 13.00    | 2.60     | 14.00    | 2.86     | 14.80    | 3.12     | 16.50    | 3.68     | 18.20    | 4.33     |
|                                    | 23                                 | 9.10                        | 1.78     | 11.10    | 2.25     | 13.00    | 2.78     | 14.00    | 3.07     | 14.80    | 3.35     | 16.50    | 3.96     | 18.20    | 4.67     |
|                                    | 25                                 | 9.10                        | 1.90     | 11.10    | 2.41     | 13.00    | 2.99     | 14.00    | 3.30     | 14.80    | 3.61     | 16.50    | 4.27     | 18.20    | 5.03     |
|                                    | 27                                 | 9.10                        | 2.03     | 11.10    | 2.59     | 13.00    | 3.22     | 14.00    | 3.56     | 14.80    | 3.89     | 16.50    | 4.60     | 18.20    | 5.43     |
|                                    | 29                                 | 9.10                        | 2.18     | 11.10    | 2.79     | 13.00    | 3.47     | 14.00    | 3.84     | 14.80    | 4.19     | 16.50    | 4.97     | 18.10    | 5.39     |
|                                    | 31                                 | 9.10                        | 2.35     | 11.10    | 3.01     | 13.00    | 3.74     | 14.00    | 4.14     | 14.80    | 4.53     | 16.50    | 5.37     | 17.20    | 5.24     |
|                                    | 33                                 | 9.10                        | 2.53     | 11.10    | 3.24     | 13.00    | 4.04     | 14.00    | 4.47     | 14.80    | 4.89     | 16.40    | 5.39     | 16.40    | 5.10     |
|                                    | 35                                 | 9.10                        | 2.73     | 11.10    | 3.50     | 13.00    | 4.36     | 14.00    | 4.83     | 14.80    | 5.28     | 15.50    | 5.24     | 15.50    | 4.95     |
|                                    | 37                                 | 9.10                        | 2.95     | 11.10    | 3.78     | 13.00    | 4.71     | 14.00    | 5.22     | 14.70    | 5.39     | 14.70    | 5.10     | 14.70    | 4.81     |
|                                    | 39                                 | 9.10                        | 3.18     | 11.10    | 4.08     | 13.00    | 5.08     | 13.80    | 5.46     | 13.90    | 5.24     | 13.90    | 4.95     | 13.90    | 4.66     |
|                                    | 43                                 | 9.10                        | 3.71     | 11.10    | 4.76     | 12.20    | 5.32     | 12.20    | 5.22     | 12.20    | 4.95     | 12.20    | 4.66     | 12.20    | 4.37     |
|                                    | 46                                 | 9.10                        | 4.16     | 10.90    | 5.06     | 10.90    | 5.10     | 10.90    | 5.00     | 10.90    | 4.74     | 10.90    | 4.45     | 10.90    | 4.16     |
|                                    | 48                                 | 9.10                        | 4.49     | 10.10    | 4.92     | 10.10    | 4.95     | 10.10    | 4.86     | 10.10    | 4.59     | 10.10    | 4.30     | 10.10    | 4.01     |

# 10. Capacity Table

## Outdoor units

AM050DXMD\*G/EU

### Cooling

TC : Total Capacity, PI : Power Input

| Combination, %<br>(Capacity index) | Outdoor<br>temperature<br>(°C, DB) | Indoor temperature (°C, WB) |          |          |          |          |          |          |          |          |          |          |          |          |          |
|------------------------------------|------------------------------------|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                    |                                    | 14                          |          | 16       |          | 18       |          | 19       |          | 20       |          | 22       |          | 24       |          |
|                                    |                                    | TC<br>kW                    | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW |
| 90                                 | 10                                 | 8.20                        | 1.09     | 10.00    | 1.34     | 11.70    | 1.62     | 12.60    | 1.77     | 13.40    | 1.91     | 14.90    | 2.22     | 16.40    | 2.57     |
|                                    | 12                                 | 8.20                        | 1.13     | 10.00    | 1.41     | 11.70    | 1.70     | 12.60    | 1.87     | 13.40    | 2.02     | 14.90    | 2.35     | 16.40    | 2.73     |
|                                    | 14                                 | 8.20                        | 1.19     | 10.00    | 1.48     | 11.70    | 1.79     | 12.60    | 1.97     | 13.40    | 2.13     | 14.90    | 2.49     | 16.40    | 2.90     |
|                                    | 16                                 | 8.20                        | 1.24     | 10.00    | 1.56     | 11.70    | 1.90     | 12.60    | 2.09     | 13.40    | 2.26     | 14.90    | 2.65     | 16.40    | 3.10     |
|                                    | 18                                 | 8.20                        | 1.31     | 10.00    | 1.65     | 11.70    | 2.02     | 12.60    | 2.22     | 13.40    | 2.41     | 14.90    | 2.83     | 16.40    | 3.31     |
|                                    | 20                                 | 8.20                        | 1.39     | 10.00    | 1.75     | 11.70    | 2.15     | 12.60    | 2.37     | 13.40    | 2.57     | 14.90    | 3.03     | 16.40    | 3.56     |
|                                    | 21                                 | 8.20                        | 1.43     | 10.00    | 1.80     | 11.70    | 2.22     | 12.60    | 2.45     | 13.40    | 2.66     | 14.90    | 3.14     | 16.40    | 3.69     |
|                                    | 23                                 | 8.20                        | 1.52     | 10.00    | 1.92     | 11.70    | 2.37     | 12.60    | 2.62     | 13.40    | 2.85     | 14.90    | 3.38     | 16.40    | 3.97     |
|                                    | 25                                 | 8.20                        | 1.62     | 10.00    | 2.06     | 11.70    | 2.55     | 12.60    | 2.81     | 13.40    | 3.07     | 14.90    | 3.63     | 16.40    | 4.27     |
|                                    | 27                                 | 8.20                        | 1.73     | 10.00    | 2.21     | 11.70    | 2.74     | 12.60    | 3.03     | 13.40    | 3.30     | 14.90    | 3.92     | 16.40    | 4.61     |
|                                    | 29                                 | 8.20                        | 1.86     | 10.00    | 2.37     | 11.70    | 2.95     | 12.60    | 3.26     | 13.40    | 3.56     | 14.90    | 4.22     | 16.40    | 4.98     |
|                                    | 31                                 | 8.20                        | 2.00     | 10.00    | 2.55     | 11.70    | 3.18     | 12.60    | 3.52     | 13.40    | 3.84     | 14.90    | 4.56     | 16.40    | 5.38     |
|                                    | 33                                 | 8.20                        | 2.15     | 10.00    | 2.75     | 11.70    | 3.43     | 12.60    | 3.80     | 13.40    | 4.15     | 14.90    | 4.93     | 16.40    | 5.46     |
|                                    | 35                                 | 8.20                        | 2.32     | 10.00    | 2.97     | 11.70    | 3.70     | 12.60    | 4.10     | 13.40    | 4.48     | 14.90    | 5.32     | 15.50    | 5.32     |
|                                    | 37                                 | 8.20                        | 2.50     | 10.00    | 3.21     | 11.70    | 4.00     | 12.60    | 4.43     | 13.40    | 4.84     | 14.70    | 5.39     | 14.70    | 5.17     |
|                                    | 39                                 | 8.20                        | 2.70     | 10.00    | 3.46     | 11.70    | 4.32     | 12.60    | 4.78     | 13.40    | 5.22     | 13.90    | 5.24     | 13.90    | 5.03     |
|                                    | 43                                 | 8.20                        | 3.16     | 10.00    | 4.04     | 11.70    | 5.03     | 12.20    | 5.29     | 12.20    | 5.21     | 12.20    | 4.95     | 12.20    | 4.74     |
| 80                                 | 46                                 | 8.20                        | 3.54     | 10.00    | 4.53     | 10.90    | 5.08     | 10.90    | 5.07     | 10.90    | 4.99     | 10.90    | 4.74     | 10.90    | 4.52     |
|                                    | 48                                 | 8.20                        | 3.82     | 9.90     | 4.80     | 10.10    | 4.93     | 10.10    | 4.93     | 10.10    | 4.85     | 10.10    | 4.59     | 10.10    | 4.37     |
|                                    | 10                                 | 7.30                        | 0.93     | 8.90     | 1.16     | 10.40    | 1.40     | 11.20    | 1.53     | 11.90    | 1.65     | 13.20    | 1.92     | 14.60    | 2.22     |
|                                    | 12                                 | 7.30                        | 0.97     | 8.90     | 1.21     | 10.40    | 1.47     | 11.20    | 1.60     | 11.90    | 1.73     | 13.20    | 2.02     | 14.60    | 2.34     |
|                                    | 14                                 | 7.30                        | 1.01     | 8.90     | 1.26     | 10.40    | 1.54     | 11.20    | 1.68     | 11.90    | 1.83     | 13.20    | 2.13     | 14.60    | 2.48     |
|                                    | 16                                 | 7.30                        | 1.06     | 8.90     | 1.33     | 10.40    | 1.62     | 11.20    | 1.78     | 11.90    | 1.93     | 13.20    | 2.26     | 14.60    | 2.64     |
|                                    | 18                                 | 7.30                        | 1.11     | 8.90     | 1.40     | 10.40    | 1.72     | 11.20    | 1.89     | 11.90    | 2.05     | 13.20    | 2.41     | 14.60    | 2.82     |
|                                    | 20                                 | 7.30                        | 1.18     | 8.90     | 1.49     | 10.40    | 1.83     | 11.20    | 2.01     | 11.90    | 2.19     | 13.20    | 2.57     | 14.60    | 3.02     |
|                                    | 21                                 | 7.30                        | 1.21     | 8.90     | 1.53     | 10.40    | 1.89     | 11.20    | 2.08     | 11.90    | 2.26     | 13.20    | 2.66     | 14.60    | 3.12     |
|                                    | 23                                 | 7.30                        | 1.28     | 8.90     | 1.63     | 10.40    | 2.01     | 11.20    | 2.22     | 11.90    | 2.42     | 13.20    | 2.85     | 14.60    | 3.35     |
|                                    | 25                                 | 7.30                        | 1.37     | 8.90     | 1.74     | 10.40    | 2.16     | 11.20    | 2.38     | 11.90    | 2.59     | 13.20    | 3.06     | 14.60    | 3.61     |
|                                    | 27                                 | 7.30                        | 1.46     | 8.90     | 1.86     | 10.40    | 2.31     | 11.20    | 2.55     | 11.90    | 2.79     | 13.20    | 3.30     | 14.60    | 3.89     |
|                                    | 29                                 | 7.30                        | 1.57     | 8.90     | 2.00     | 10.40    | 2.49     | 11.20    | 2.75     | 11.90    | 3.00     | 13.20    | 3.55     | 14.60    | 4.19     |
|                                    | 31                                 | 7.30                        | 1.68     | 8.90     | 2.15     | 10.40    | 2.68     | 11.20    | 2.96     | 11.90    | 3.24     | 13.20    | 3.83     | 14.60    | 4.53     |
|                                    | 33                                 | 7.30                        | 1.81     | 8.90     | 2.32     | 10.40    | 2.89     | 11.20    | 3.20     | 11.90    | 3.49     | 13.20    | 4.14     | 14.60    | 4.89     |
|                                    | 35                                 | 7.30                        | 1.95     | 8.90     | 2.50     | 10.40    | 3.12     | 11.20    | 3.45     | 11.90    | 3.77     | 13.20    | 4.47     | 14.60    | 5.28     |
|                                    | 37                                 | 7.30                        | 2.10     | 8.90     | 2.70     | 10.40    | 3.37     | 11.20    | 3.73     | 11.90    | 4.07     | 13.20    | 4.83     | 14.60    | 5.46     |
| 70                                 | 39                                 | 7.30                        | 2.27     | 8.90     | 2.92     | 10.40    | 3.64     | 11.20    | 4.02     | 11.90    | 4.40     | 13.20    | 5.21     | 13.90    | 5.32     |
|                                    | 43                                 | 7.30                        | 2.65     | 8.90     | 3.40     | 10.40    | 4.24     | 11.20    | 4.69     | 11.90    | 5.12     | 12.20    | 5.20     | 12.20    | 5.03     |
|                                    | 46                                 | 7.30                        | 2.97     | 8.90     | 3.81     | 10.40    | 4.75     | 10.90    | 4.99     | 10.90    | 4.91     | 10.90    | 4.98     | 10.90    | 4.81     |
|                                    | 48                                 | 7.30                        | 3.21     | 8.90     | 4.11     | 10.10    | 4.86     | 10.10    | 4.84     | 10.10    | 4.76     | 10.10    | 4.84     | 10.10    | 4.66     |
|                                    | 10                                 | 6.40                        | 0.79     | 7.70     | 0.98     | 9.10     | 1.19     | 9.80     | 1.30     | 10.40    | 1.41     | 11.60    | 1.64     | 12.70    | 1.89     |
|                                    | 12                                 | 6.40                        | 0.82     | 7.70     | 1.02     | 9.10     | 1.25     | 9.80     | 1.36     | 10.40    | 1.47     | 11.60    | 1.72     | 12.70    | 1.99     |
|                                    | 14                                 | 6.40                        | 0.85     | 7.70     | 1.07     | 9.10     | 1.30     | 9.80     | 1.43     | 10.40    | 1.55     | 11.60    | 1.81     | 12.70    | 2.10     |
|                                    | 16                                 | 6.40                        | 0.89     | 7.70     | 1.12     | 9.10     | 1.37     | 9.80     | 1.51     | 10.40    | 1.63     | 11.60    | 1.91     | 12.70    | 2.22     |
|                                    | 18                                 | 6.40                        | 0.94     | 7.70     | 1.18     | 9.10     | 1.45     | 9.80     | 1.59     | 10.40    | 1.73     | 11.60    | 2.03     | 12.70    | 2.37     |
|                                    | 20                                 | 6.40                        | 0.99     | 7.70     | 1.25     | 9.10     | 1.54     | 9.80     | 1.69     | 10.40    | 1.83     | 11.60    | 2.16     | 12.70    | 2.53     |
|                                    | 21                                 | 6.40                        | 1.01     | 7.70     | 1.29     | 9.10     | 1.58     | 9.80     | 1.74     | 10.40    | 1.89     | 11.60    | 2.23     | 12.70    | 2.61     |
|                                    | 23                                 | 6.40                        | 1.08     | 7.70     | 1.37     | 9.10     | 1.69     | 9.80     | 1.86     | 10.40    | 2.02     | 11.60    | 2.39     | 12.70    | 2.80     |
|                                    | 25                                 | 6.40                        | 1.14     | 7.70     | 1.46     | 9.10     | 1.80     | 9.80     | 1.99     | 10.40    | 2.16     | 11.60    | 2.56     | 12.70    | 3.00     |
|                                    | 27                                 | 6.40                        | 1.22     | 7.70     | 1.56     | 9.10     | 1.93     | 9.80     | 2.13     | 10.40    | 2.32     | 11.60    | 2.75     | 12.70    | 3.23     |
|                                    | 29                                 | 6.40                        | 1.31     | 7.70     | 1.67     | 9.10     | 2.07     | 9.80     | 2.29     | 10.40    | 2.50     | 11.60    | 2.96     | 12.70    | 3.48     |
|                                    | 31                                 | 6.40                        | 1.40     | 7.70     | 1.79     | 9.10     | 2.23     | 9.80     | 2.47     | 10.40    | 2.69     | 11.60    | 3.19     | 12.70    | 3.76     |
|                                    | 33                                 | 6.40                        | 1.50     | 7.70     | 1.93     | 9.10     | 2.40     | 9.80     | 2.66     | 10.40    | 2.90     | 11.60    | 3.45     | 12.70    | 4.06     |
| 60                                 | 35                                 | 6.40                        | 1.62     | 7.70     | 2.08     | 9.10     | 2.59     | 9.80     | 2.87     | 10.40    | 3.13     | 11.60    | 3.72     | 12.70    | 4.38     |
|                                    | 37                                 | 6.40                        | 1.75     | 7.70     | 2.24     | 9.10     | 2.80     | 9.80     | 3.10     | 10.40    | 3.38     | 11.60    | 4.02     | 12.70    | 4.73     |
|                                    | 39                                 | 6.40                        | 1.89     | 7.70     | 2.42     | 9.10     | 3.02     | 9.80     | 3.35     | 10.40    | 3.65     | 11.60    | 4.34     | 12.70    | 5.11     |
|                                    | 43                                 | 6.40                        | 2.20     | 7.70     | 2.83     | 9.10     | 3.52     | 9.80     | 3.90     | 10.40    | 4.26     | 11.60    | 5.06     | 12.20    | 5.32     |
|                                    | 46                                 | 6.40                        | 2.47     | 7.70     | 3.17     | 9.10     | 3.95     | 9.80     | 4.37     | 10.40    | 4.77     | 10.90    | 5.11     | 10.90    | 5.10     |
|                                    | 48                                 | 6.40                        | 2.66     | 7.70     | 3.42     | 9.10     | 4.26     | 9.80     | 4.64     | 10.10    | 4.88     | 10.10    | 4.96     | 10.10    | 4.95     |
|                                    | 10                                 | 5.50                        | 0.66     | 6.60     | 0.82     | 7.80     | 1.00     | 8.40     | 1.09     | 8.90     | 1.18     | 9.90     | 1.37     | 10.90    | 1.59     |
|                                    | 12                                 | 5.50                        | 0.68     | 6.60     | 0.85     | 7.80     | 1.04     | 8.40     | 1.14     | 8.90     | 1.23     | 9.90     | 1.44     | 10.90    | 1.66     |
|                                    | 14                                 | 5.50                        | 0.71     | 6.60     | 0.89     | 7.80     | 1.08     | 8.40     | 1.19     | 8.90     | 1.29     | 9.90     | 1.51     | 10.90    | 1.75     |
|                                    | 16                                 | 5.50                        | 0.74     | 6.60     | 0.93     | 7.80     | 1.14     | 8.40     | 1.25     | 8.90     | 1.35     | 9.90     | 1.59     | 10.90    | 1.85     |
|                                    | 18                                 | 5.50                        | 0.77     | 6.60     | 0.97     | 7.80     | 1.20     | 8.40     | 1.32     | 8.90     | 1.43     | 9.90     | 1.68     | 10.90    | 1.96     |
|                                    | 20                                 | 5.50                        | 0.81     | 6.60     | 1.03     | 7.80     | 1.27     | 8.40     | 1.40     | 8.90     | 1.51     | 9.90     | 1.78     | 10.90    | 2.08     |
|                                    | 21                                 | 5.50                        | 0.84     | 6.60     | 1.06     | 7.80     | 1.30     | 8.40     | 1.44     | 8.90     | 1.56     | 9.90     | 1.84     | 10.90    | 2.15     |
|                                    | 23                                 | 5.50                        | 0.88     | 6.60     | 1.12     | 7.80     | 1.38     | 8.40     | 1.53     | 8.90     | 1.66     | 9.90     | 1.96     | 10.90    | 2.30     |
|                                    | 25                                 | 5.50                        | 0.94     | 6.60     | 1.19     | 7.80     | 1.48     | 8.40     | 1.63     | 8.90     | 1.77     | 9.90     | 2.10     | 10.90    | 2.46     |
|                                    | 27                                 | 5.50                        | 1.00     | 6.60     | 1.27     | 7.80     | 1.58     | 8.40     | 1.75     | 8.90     | 1.90     | 9.90     | 2.25     | 10.90    | 2.64     |
|                                    | 29                                 | 5.50                        | 1.07     | 6.60     | 1.36     | 7.80     | 1.69     | 8.40     | 1.87     | 8.90     | 2.04     | 9.90     | 2.42     | 10.90    | 2.85     |
|                                    | 31                                 | 5.50                        | 1.14     | 6.60     | 1.46     | 7.80     | 1.82     | 8.40     | 2.02     | 8.90     | 2.19     | 9.90     | 2.60     | 10.90    | 3.07     |
|                                    | 33                                 | 5.50                        | 1.23     | 6.60     | 1.57     | 7.80     | 1.96     | 8.40     | 2.17     | 8.90     | 2.36     | 9.90     | 2.81     | 10.90    | 3.31     |
|                                    | 35                                 | 5.50                        | 1.32     | 6.60     | 1.69     | 7.80     | 2.11     | 8.40     | 2.34     | 8.90     | 2.55     | 9.90     | 3.03     | 10.90    | 3.57     |
|                                    | 37                                 | 5.50                        | 1.42     | 6.60     | 1.82     | 7.80     | 2.28     | 8.40     | 2.53     | 8.90     | 2.75     | 9.90     | 3.27     | 10.90    | 3.86     |
|                                    | 39                                 | 5.50                        | 1.54     | 6.60     | 1.97     | 7.80     | 2.46     | 8.40     | 2.73     | 8.90     | 2.97     | 9.90     | 3.53     | 10.90    | 4.16     |
|                                    | 43                                 | 5.50                        | 1.79     | 6.60     | 2.30     | 7.80     | 2.87     | 8.40     | 3.18     | 8.90     | 3.47     | 9.90     | 4.12     | 10.90    | 4.85     |
|                                    | 46                                 | 5.50                        | 2.01     | 6.60     | 2.58     | 7.80     | 3.22     | 8.40     | 3.57     | 8.90     | 3.89     | 9.90     | 4.62     | 10.90    | 5.44     |
|                                    | 48                                 | 5.50                        | 2.17     | 6.60     | 2.78     | 7.80     | 3.47     | 8.40     | 3.85     | 8.90     | 4.19     | 9.90     | 4.89     | 10.10    | 5.29     |

# 10. Capacity Table

## Outdoor units

AM050DXMD\*G/EU

### Cooling

TC : Total Capacity, PI : Power Input

| Combination, %<br>(Capacity index) | Outdoor<br>temperature<br>(°C, DB) | Indoor temperature (°C, WB) |          |          |          |          |          |          |          |          |          |          |          |          |          |
|------------------------------------|------------------------------------|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                    |                                    | 14                          |          | 16       |          | 18       |          | 19       |          | 20       |          | 22       |          | 24       |          |
|                                    |                                    | TC<br>kW                    | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW |
| 50                                 | 10                                 | 4.60                        | 0.53     | 5.50     | 0.67     | 6.50     | 0.82     | 7.00     | 0.89     | 7.40     | 0.97     | 8.30     | 1.13     | 9.10     | 1.31     |
|                                    | 12                                 | 4.60                        | 0.55     | 5.50     | 0.69     | 6.50     | 0.85     | 7.00     | 0.93     | 7.40     | 1.01     | 8.30     | 1.18     | 9.10     | 1.37     |
|                                    | 14                                 | 4.60                        | 0.57     | 5.50     | 0.72     | 6.50     | 0.88     | 7.00     | 0.97     | 7.40     | 1.05     | 8.30     | 1.23     | 9.10     | 1.43     |
|                                    | 16                                 | 4.60                        | 0.60     | 5.50     | 0.75     | 6.50     | 0.92     | 7.00     | 1.01     | 7.40     | 1.10     | 8.30     | 1.29     | 9.10     | 1.50     |
|                                    | 18                                 | 4.60                        | 0.62     | 5.50     | 0.79     | 6.50     | 0.97     | 7.00     | 1.07     | 7.40     | 1.16     | 8.30     | 1.36     | 9.10     | 1.59     |
|                                    | 20                                 | 4.60                        | 0.65     | 5.50     | 0.83     | 6.50     | 1.02     | 7.00     | 1.13     | 7.40     | 1.22     | 8.30     | 1.44     | 9.10     | 1.68     |
|                                    | 21                                 | 4.60                        | 0.67     | 5.50     | 0.85     | 6.50     | 1.05     | 7.00     | 1.16     | 7.40     | 1.26     | 8.30     | 1.48     | 9.10     | 1.74     |
|                                    | 23                                 | 4.60                        | 0.71     | 5.50     | 0.90     | 6.50     | 1.11     | 7.00     | 1.23     | 7.40     | 1.34     | 8.30     | 1.58     | 9.10     | 1.85     |
|                                    | 25                                 | 4.60                        | 0.75     | 5.50     | 0.96     | 6.50     | 1.18     | 7.00     | 1.31     | 7.40     | 1.42     | 8.30     | 1.68     | 9.10     | 1.97     |
|                                    | 27                                 | 4.60                        | 0.80     | 5.50     | 1.02     | 6.50     | 1.26     | 7.00     | 1.40     | 7.40     | 1.52     | 8.30     | 1.80     | 9.10     | 2.12     |
|                                    | 29                                 | 4.60                        | 0.85     | 5.50     | 1.09     | 6.50     | 1.35     | 7.00     | 1.50     | 7.40     | 1.63     | 8.30     | 1.93     | 9.10     | 2.27     |
|                                    | 31                                 | 4.60                        | 0.91     | 5.50     | 1.17     | 6.50     | 1.45     | 7.00     | 1.61     | 7.40     | 1.75     | 8.30     | 2.08     | 9.10     | 2.44     |
|                                    | 33                                 | 4.60                        | 0.98     | 5.50     | 1.25     | 6.50     | 1.56     | 7.00     | 1.73     | 7.40     | 1.88     | 8.30     | 2.24     | 9.10     | 2.63     |
|                                    | 35                                 | 4.60                        | 1.05     | 5.50     | 1.35     | 6.50     | 1.68     | 7.00     | 1.86     | 7.40     | 2.03     | 8.30     | 2.41     | 9.10     | 2.84     |
|                                    | 37                                 | 4.60                        | 1.13     | 5.50     | 1.46     | 6.50     | 1.81     | 7.00     | 2.01     | 7.40     | 2.19     | 8.30     | 2.60     | 9.10     | 3.07     |
|                                    | 39                                 | 4.60                        | 1.22     | 5.50     | 1.57     | 6.50     | 1.96     | 7.00     | 2.17     | 7.40     | 2.37     | 8.30     | 2.81     | 9.10     | 3.31     |
|                                    | 43                                 | 4.60                        | 1.42     | 5.50     | 1.83     | 6.50     | 2.28     | 7.00     | 2.53     | 7.40     | 2.76     | 8.30     | 3.28     | 9.10     | 3.86     |
|                                    | 46                                 | 4.60                        | 1.60     | 5.50     | 2.06     | 6.50     | 2.56     | 7.00     | 2.84     | 7.40     | 3.10     | 8.30     | 3.68     | 9.10     | 4.33     |
|                                    | 48                                 | 4.60                        | 1.72     | 5.50     | 2.22     | 6.50     | 2.76     | 7.00     | 3.06     | 7.40     | 3.34     | 8.30     | 3.96     | 9.10     | 4.67     |

### NOTE

- The performance table shows the average value of each conditions.

# 10. Capacity Table

## Outdoor units

AM060DXMD\*G/EU

### Cooling

TC : Total Capacity, PI : Power Input

| Combination, %<br>(Capacity index) | Outdoor<br>temperature<br>(°C, DB) | Indoor temperature (°C, WB) |          |          |          |          |          |          |          |          |          |          |          |          |          |
|------------------------------------|------------------------------------|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                    |                                    | 14                          |          | 16       |          | 18       |          | 19       |          | 20       |          | 22       |          | 24       |          |
|                                    |                                    | TC<br>kW                    | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW |
| 130                                | 10                                 | 13.10                       | 2.03     | 15.90    | 2.51     | 18.70    | 3.04     | 20.20    | 3.32     | 21.40    | 3.60     | 23.80    | 4.22     | 26.20    | 4.95     |
|                                    | 12                                 | 13.10                       | 2.13     | 15.90    | 2.65     | 18.70    | 3.23     | 20.20    | 3.54     | 21.40    | 3.84     | 23.80    | 4.52     | 26.20    | 5.32     |
|                                    | 14                                 | 13.10                       | 2.25     | 15.90    | 2.81     | 18.70    | 3.44     | 20.20    | 3.78     | 21.40    | 4.11     | 23.80    | 4.86     | 26.20    | 5.72     |
|                                    | 16                                 | 13.10                       | 2.39     | 15.90    | 3.00     | 18.70    | 3.68     | 20.20    | 4.05     | 21.40    | 4.41     | 23.80    | 5.23     | 25.70    | 5.55     |
|                                    | 18                                 | 13.10                       | 2.54     | 15.90    | 3.20     | 18.70    | 3.95     | 20.20    | 4.35     | 21.40    | 4.75     | 23.80    | 5.63     | 24.80    | 5.39     |
|                                    | 20                                 | 13.10                       | 2.71     | 15.90    | 3.43     | 18.70    | 4.24     | 20.20    | 4.68     | 21.40    | 5.11     | 23.80    | 6.07     | 23.90    | 5.22     |
|                                    | 21                                 | 13.10                       | 2.80     | 15.90    | 3.55     | 18.70    | 4.40     | 20.20    | 4.86     | 21.40    | 5.31     | 23.40    | 5.99     | 23.40    | 5.13     |
|                                    | 23                                 | 13.10                       | 3.00     | 15.90    | 3.82     | 18.70    | 4.74     | 20.20    | 5.24     | 21.40    | 5.73     | 22.50    | 5.82     | 22.50    | 4.96     |
|                                    | 25                                 | 13.10                       | 3.22     | 15.90    | 4.11     | 18.70    | 5.11     | 20.20    | 5.65     | 21.40    | 6.18     | 21.50    | 5.65     | 21.50    | 4.80     |
|                                    | 27                                 | 13.10                       | 3.46     | 15.90    | 4.43     | 18.70    | 5.51     | 20.20    | 6.11     | 20.60    | 6.01     | 20.60    | 5.48     | 20.60    | 4.63     |
|                                    | 29                                 | 13.10                       | 3.73     | 15.90    | 4.78     | 18.70    | 5.96     | 19.70    | 5.94     | 19.70    | 5.84     | 19.70    | 5.31     | 19.70    | 4.46     |
|                                    | 31                                 | 13.10                       | 4.02     | 15.90    | 5.16     | 18.70    | 6.43     | 18.80    | 5.77     | 18.80    | 5.68     | 18.80    | 5.15     | 18.80    | 4.29     |
|                                    | 33                                 | 13.10                       | 4.34     | 15.90    | 5.57     | 17.80    | 6.26     | 17.80    | 5.60     | 17.80    | 5.51     | 17.80    | 4.98     | 17.80    | 4.12     |
|                                    | 35                                 | 13.10                       | 4.69     | 15.90    | 6.02     | 16.90    | 6.09     | 16.90    | 5.43     | 16.90    | 5.34     | 16.90    | 4.81     | 16.90    | 3.95     |
|                                    | 37                                 | 13.10                       | 5.07     | 15.90    | 6.50     | 16.00    | 5.93     | 16.00    | 5.26     | 16.00    | 5.17     | 16.00    | 4.64     | 16.00    | 3.78     |
|                                    | 39                                 | 13.10                       | 5.47     | 15.00    | 6.33     | 15.00    | 5.76     | 15.00    | 5.09     | 15.00    | 5.00     | 15.00    | 4.47     | 15.00    | 3.61     |
|                                    | 43                                 | 13.10                       | 6.37     | 13.20    | 5.99     | 13.20    | 5.42     | 13.20    | 4.76     | 13.20    | 4.66     | 13.20    | 4.13     | 13.20    | 3.28     |
|                                    | 46                                 | 11.80                       | 6.12     | 11.80    | 5.74     | 11.80    | 5.17     | 11.80    | 4.50     | 11.80    | 4.41     | 11.80    | 3.88     | 11.80    | 3.02     |
|                                    | 48                                 | 10.90                       | 5.95     | 10.90    | 5.57     | 10.90    | 5.00     | 10.90    | 4.34     | 10.90    | 4.24     | 10.90    | 3.71     | 10.90    | 2.86     |
| 120                                | 10                                 | 12.10                       | 1.82     | 14.70    | 2.25     | 17.30    | 2.72     | 18.60    | 2.97     | 19.70    | 3.21     | 22.00    | 3.76     | 24.20    | 4.39     |
|                                    | 12                                 | 12.10                       | 1.91     | 14.70    | 2.37     | 17.30    | 2.88     | 18.60    | 3.15     | 19.70    | 3.42     | 22.00    | 4.02     | 24.20    | 4.70     |
|                                    | 14                                 | 12.10                       | 2.01     | 14.70    | 2.51     | 17.30    | 3.06     | 18.60    | 3.36     | 19.70    | 3.65     | 22.00    | 4.30     | 24.20    | 5.05     |
|                                    | 16                                 | 12.10                       | 2.13     | 14.70    | 2.67     | 17.30    | 3.27     | 18.60    | 3.60     | 19.70    | 3.91     | 22.00    | 4.62     | 24.20    | 5.44     |
|                                    | 18                                 | 12.10                       | 2.26     | 14.70    | 2.84     | 17.30    | 3.50     | 18.60    | 3.86     | 19.70    | 4.20     | 22.00    | 4.97     | 24.20    | 5.86     |
|                                    | 20                                 | 12.10                       | 2.40     | 14.70    | 3.04     | 17.30    | 3.75     | 18.60    | 4.14     | 19.70    | 4.52     | 22.00    | 5.36     | 23.90    | 6.00     |
|                                    | 21                                 | 12.10                       | 2.48     | 14.70    | 3.15     | 17.30    | 3.89     | 18.60    | 4.30     | 19.70    | 4.69     | 22.00    | 5.56     | 23.40    | 5.92     |
|                                    | 23                                 | 12.10                       | 2.66     | 14.70    | 3.38     | 17.30    | 4.19     | 18.60    | 4.63     | 19.70    | 5.06     | 22.00    | 6.01     | 22.50    | 5.75     |
|                                    | 25                                 | 12.10                       | 2.85     | 14.70    | 3.63     | 17.30    | 4.51     | 18.60    | 4.99     | 19.70    | 5.46     | 21.50    | 6.16     | 21.50    | 5.58     |
|                                    | 27                                 | 12.10                       | 3.06     | 14.70    | 3.91     | 17.30    | 4.87     | 18.60    | 5.39     | 19.70    | 5.89     | 20.60    | 5.99     | 20.60    | 5.41     |
|                                    | 29                                 | 12.10                       | 3.30     | 14.70    | 4.22     | 17.30    | 5.26     | 18.60    | 5.82     | 19.70    | 6.04     | 19.70    | 5.82     | 19.70    | 5.24     |
|                                    | 31                                 | 12.10                       | 3.55     | 14.70    | 4.55     | 17.30    | 5.68     | 18.60    | 6.29     | 18.80    | 5.87     | 18.80    | 5.65     | 18.80    | 5.08     |
|                                    | 33                                 | 12.10                       | 3.83     | 14.70    | 4.92     | 17.30    | 6.13     | 17.80    | 6.12     | 17.80    | 5.70     | 17.80    | 5.48     | 17.80    | 4.91     |
|                                    | 35                                 | 12.10                       | 4.14     | 14.70    | 5.31     | 16.90    | 6.29     | 16.90    | 5.95     | 16.90    | 5.53     | 16.90    | 5.31     | 16.90    | 4.74     |
|                                    | 37                                 | 12.10                       | 4.47     | 14.70    | 5.73     | 16.00    | 6.12     | 16.00    | 5.78     | 16.00    | 5.36     | 16.00    | 5.14     | 16.00    | 4.57     |
|                                    | 39                                 | 12.10                       | 4.83     | 14.70    | 6.19     | 15.00    | 5.95     | 15.00    | 5.61     | 15.00    | 5.19     | 15.00    | 4.98     | 15.00    | 4.40     |
|                                    | 43                                 | 12.10                       | 5.63     | 13.20    | 5.85     | 13.20    | 5.61     | 13.20    | 5.27     | 13.20    | 4.86     | 13.20    | 4.64     | 13.20    | 4.06     |
|                                    | 46                                 | 11.80                       | 5.98     | 11.80    | 5.60     | 11.80    | 5.36     | 11.80    | 5.02     | 11.80    | 4.60     | 11.80    | 4.39     | 11.80    | 3.81     |
|                                    | 48                                 | 10.90                       | 5.81     | 10.90    | 5.43     | 10.90    | 5.19     | 10.90    | 4.85     | 10.90    | 4.44     | 10.90    | 4.22     | 10.90    | 3.64     |
| 110                                | 10                                 | 11.10                       | 1.63     | 13.50    | 2.01     | 15.90    | 2.42     | 17.10    | 2.65     | 18.10    | 2.87     | 20.10    | 3.34     | 22.20    | 3.89     |
|                                    | 12                                 | 11.10                       | 1.70     | 13.50    | 2.11     | 15.90    | 2.56     | 17.10    | 2.81     | 18.10    | 3.04     | 20.10    | 3.56     | 22.20    | 4.16     |
|                                    | 14                                 | 11.10                       | 1.79     | 13.50    | 2.23     | 15.90    | 2.72     | 17.10    | 2.98     | 18.10    | 3.24     | 20.10    | 3.80     | 22.20    | 4.46     |
|                                    | 16                                 | 11.10                       | 1.89     | 13.50    | 2.37     | 15.90    | 2.89     | 17.10    | 3.18     | 18.10    | 3.46     | 20.10    | 4.08     | 22.20    | 4.79     |
|                                    | 18                                 | 11.10                       | 2.00     | 13.50    | 2.52     | 15.90    | 3.09     | 17.10    | 3.41     | 18.10    | 3.71     | 20.10    | 4.38     | 22.20    | 5.15     |
|                                    | 20                                 | 11.10                       | 2.13     | 13.50    | 2.69     | 15.90    | 3.31     | 17.10    | 3.65     | 18.10    | 3.99     | 20.10    | 4.71     | 22.20    | 5.55     |
|                                    | 21                                 | 11.10                       | 2.20     | 13.50    | 2.78     | 15.90    | 3.43     | 17.10    | 3.79     | 18.10    | 4.13     | 20.10    | 4.89     | 22.20    | 5.76     |
|                                    | 23                                 | 11.10                       | 2.35     | 13.50    | 2.98     | 15.90    | 3.68     | 17.10    | 4.08     | 18.10    | 4.45     | 20.10    | 5.27     | 22.20    | 6.22     |
|                                    | 25                                 | 11.10                       | 2.51     | 13.50    | 3.20     | 15.90    | 3.97     | 17.10    | 4.39     | 18.10    | 4.80     | 20.10    | 5.69     | 21.50    | 6.05     |
|                                    | 27                                 | 11.10                       | 2.70     | 13.50    | 3.45     | 15.90    | 4.28     | 17.10    | 4.74     | 18.10    | 5.18     | 20.10    | 6.14     | 20.60    | 5.88     |
|                                    | 29                                 | 11.10                       | 2.90     | 13.50    | 3.71     | 15.90    | 4.61     | 17.10    | 5.11     | 18.10    | 5.59     | 19.70    | 6.30     | 19.70    | 5.72     |
|                                    | 31                                 | 11.10                       | 3.13     | 13.50    | 4.01     | 15.90    | 4.98     | 17.10    | 5.52     | 18.10    | 6.04     | 18.80    | 6.13     | 18.80    | 5.55     |
|                                    | 33                                 | 11.10                       | 3.37     | 13.50    | 4.32     | 15.90    | 5.38     | 17.10    | 5.96     | 17.80    | 6.19     | 17.80    | 5.96     | 17.80    | 5.38     |
|                                    | 35                                 | 11.10                       | 3.64     | 13.50    | 4.67     | 15.90    | 5.81     | 16.90    | 6.11     | 16.90    | 6.02     | 16.90    | 5.79     | 16.90    | 5.21     |
|                                    | 37                                 | 11.10                       | 3.93     | 13.50    | 5.04     | 15.90    | 6.27     | 16.00    | 5.94     | 16.00    | 5.85     | 16.00    | 5.62     | 16.00    | 5.04     |
|                                    | 39                                 | 11.10                       | 4.25     | 13.50    | 5.45     | 15.00    | 6.10     | 15.00    | 5.78     | 15.00    | 5.68     | 15.00    | 5.46     | 15.00    | 4.87     |
|                                    | 43                                 | 11.10                       | 4.95     | 13.20    | 6.02     | 13.20    | 5.77     | 13.20    | 5.44     | 13.20    | 5.35     | 13.20    | 5.12     | 13.20    | 4.54     |
|                                    | 46                                 | 11.10                       | 5.54     | 11.80    | 5.77     | 11.80    | 5.51     | 11.80    | 5.19     | 11.80    | 5.09     | 11.80    | 4.87     | 11.80    | 4.28     |
|                                    | 48                                 | 10.80                       | 5.77     | 10.90    | 5.60     | 10.90    | 5.35     | 10.90    | 5.02     | 10.90    | 4.92     | 10.90    | 4.70     | 10.90    | 4.11     |
| 100                                | 10                                 | 10.10                       | 1.45     | 12.30    | 1.78     | 14.40    | 2.15     | 15.50    | 2.35     | 16.40    | 2.54     | 18.30    | 2.96     | 20.20    | 3.44     |
|                                    | 12                                 | 10.10                       | 1.51     | 12.30    | 1.87     | 14.40    | 2.27     | 15.50    | 2.49     | 16.40    | 2.69     | 18.30    | 3.15     | 20.20    | 3.67     |
|                                    | 14                                 | 10.10                       | 1.59     | 12.30    | 1.97     | 14.40    | 2.40     | 15.50    | 2.64     | 16.40    | 2.86     | 18.30    | 3.35     | 20.20    | 3.92     |
|                                    | 16                                 | 10.10                       | 1.67     | 12.30    | 2.09     | 14.40    | 2.55     | 15.50    | 2.81     | 16.40    | 3.05     | 18.30    | 3.58     | 20.20    | 4.20     |
|                                    | 18                                 | 10.10                       | 1.77     | 12.30    | 2.22     | 14.40    | 2.72     | 15.50    | 2.99     | 16.40    | 3.26     | 18.30    | 3.84     | 20.20    | 4.51     |
|                                    | 20                                 | 10.10                       | 1.87     | 12.30    | 2.36     | 14.40    | 2.91     | 15.50    | 3.21     | 16.40    | 3.49     | 18.30    | 4.12     | 20.20    | 4.85     |
|                                    | 21                                 | 10.10                       | 1.93     | 12.30    | 2.44     | 14.40    | 3.01     | 15.50    | 3.32     | 16.40    | 3.62     | 18.30    | 4.28     | 20.20    | 5.03     |
|                                    | 23                                 | 10.10                       | 2.06     | 12.30    | 2.61     | 14.40    | 3.23     | 15.50    | 3.57     | 16.40    | 3.89     | 18.30    | 4.61     | 20.20    | 5.43     |
|                                    | 25                                 | 10.10                       | 2.20     | 12.30    | 2.80     | 14.40    | 3.47     | 15.50    | 3.84     | 16.40    | 4.19     | 18.30    | 4.97     | 20.20    | 5.86     |
|                                    | 27                                 | 10.10                       | 2.36     | 12.30    | 3.01     | 14.40    | 3.74     | 15.50    | 4.14     | 16.40    | 4.52     | 18.30    | 5.36     | 20.20    | 6.33     |
|                                    | 29                                 | 10.10                       | 2.54     | 12.30    | 3.24     | 14.40    | 4.03     | 15.50    | 4.46     | 16.40    | 4.87     | 18.30    | 5.79     | 19.70    | 6.16     |
|                                    | 31                                 | 10.10                       | 2.73     | 12.30    | 3.49     | 14.40    | 4.35     | 15.50    | 4.82     | 16.40    | 5.26     | 18.30    | 6.25     | 18.80    | 5.99     |
|                                    | 33                                 | 10.10                       | 2.95     | 12.30    | 3.77     | 14.40    | 4.69     | 15.50    | 5.20     | 16.40    | 5.68     | 17.80    | 6.08     | 17.80    | 5.82     |
|                                    | 35                                 | 10.10                       | 3.18     | 12.30    | 4.07     | 14.40    | 5.07     | 15.50    | 5.62     | 16.40    | 6.14     | 16.90    | 5.91     | 16.90    | 5.65     |
|                                    | 37                                 | 10.10                       | 3.43     | 12.30    | 4.40     | 14.40    | 5.48     | 15.50    | 6.07     | 16.00    | 5.97     | 16.00    | 5.75     | 16.00    | 5.48     |
|                                    | 39                                 | 10.10                       | 3.71     | 12.30    | 4.75     | 14.40    | 5.91     | 15.00    | 6.22     | 15.00    | 5.80     | 15.00    | 5.58     | 15.00    | 5.31     |
|                                    | 43                                 | 10.10                       | 4.32     | 12.30    | 5.53     | 13.20    | 5.89     | 13.20    | 5.88     | 13.20    | 5.47     | 13.20    | 5.24     | 13.20    | 4.98     |
|                                    | 46                                 | 10.10                       | 4.85     | 11.80    | 5.58     | 11.80    | 5.64     | 11.80    | 5.63     | 11.80    | 5.21     | 11.80    | 4.99     | 11.80    | 4.72     |
|                                    | 48                                 | 10.00                       | 5.15     | 10.90    | 5.41     | 10.90    | 5.47     | 10.90    | 5.46     | 10.90    | 5.04     | 10.90    | 4.82     | 10.90    | 4.56     |

# 10. Capacity Table

## Outdoor units

AM060DXMD\*G/EU

### Cooling

TC : Total Capacity, PI : Power Input

| Combination, %<br>(Capacity index) | Outdoor<br>temperature<br>(°C, DB) | Indoor temperature (°C, WB) |          |          |          |          |          |          |          |          |          |          |          |          |          |
|------------------------------------|------------------------------------|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                    |                                    | 14                          |          | 16       |          | 18       |          | 19       |          | 20       |          | 22       |          | 24       |          |
|                                    |                                    | TC<br>kW                    | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW |
| 90                                 | 10                                 | 9.10                        | 1.25     | 11.00    | 1.55     | 13.00    | 1.87     | 14.00    | 2.04     | 14.80    | 2.20     | 16.50    | 2.56     | 18.10    | 2.97     |
|                                    | 12                                 | 9.10                        | 1.30     | 11.00    | 1.62     | 13.00    | 1.97     | 14.00    | 2.15     | 14.80    | 2.32     | 16.50    | 2.71     | 18.10    | 3.15     |
|                                    | 14                                 | 9.10                        | 1.37     | 11.00    | 1.70     | 13.00    | 2.07     | 14.00    | 2.27     | 14.80    | 2.46     | 16.50    | 2.88     | 18.10    | 3.36     |
|                                    | 16                                 | 9.10                        | 1.44     | 11.00    | 1.80     | 13.00    | 2.20     | 14.00    | 2.41     | 14.80    | 2.61     | 16.50    | 3.07     | 18.10    | 3.59     |
|                                    | 18                                 | 9.10                        | 1.51     | 11.00    | 1.90     | 13.00    | 2.33     | 14.00    | 2.56     | 14.80    | 2.79     | 16.50    | 3.28     | 18.10    | 3.85     |
|                                    | 20                                 | 9.10                        | 1.60     | 11.00    | 2.02     | 13.00    | 2.49     | 14.00    | 2.74     | 14.80    | 2.98     | 16.50    | 3.52     | 18.10    | 4.13     |
|                                    | 21                                 | 9.10                        | 1.65     | 11.00    | 2.09     | 13.00    | 2.57     | 14.00    | 2.83     | 14.80    | 3.09     | 16.50    | 3.65     | 18.10    | 4.28     |
|                                    | 23                                 | 9.10                        | 1.76     | 11.00    | 2.23     | 13.00    | 2.76     | 14.00    | 3.04     | 14.80    | 3.31     | 16.50    | 3.92     | 18.10    | 4.61     |
|                                    | 25                                 | 9.10                        | 1.88     | 11.00    | 2.39     | 13.00    | 2.96     | 14.00    | 3.27     | 14.80    | 3.56     | 16.50    | 4.22     | 18.10    | 4.97     |
|                                    | 27                                 | 9.10                        | 2.01     | 11.00    | 2.57     | 13.00    | 3.18     | 14.00    | 3.52     | 14.80    | 3.84     | 16.50    | 4.55     | 18.10    | 5.37     |
|                                    | 29                                 | 9.10                        | 2.16     | 11.00    | 2.76     | 13.00    | 3.43     | 14.00    | 3.79     | 14.80    | 4.14     | 16.50    | 4.91     | 18.10    | 5.80     |
|                                    | 31                                 | 9.10                        | 2.32     | 11.00    | 2.97     | 13.00    | 3.70     | 14.00    | 4.09     | 14.80    | 4.47     | 16.50    | 5.31     | 18.10    | 6.26     |
|                                    | 33                                 | 9.10                        | 2.50     | 11.00    | 3.21     | 13.00    | 3.99     | 14.00    | 4.42     | 14.80    | 4.82     | 16.50    | 5.73     | 17.80    | 6.42     |
|                                    | 35                                 | 9.10                        | 2.70     | 11.00    | 3.46     | 13.00    | 4.31     | 14.00    | 4.77     | 14.80    | 5.21     | 16.50    | 6.19     | 16.90    | 6.25     |
|                                    | 37                                 | 9.10                        | 2.92     | 11.00    | 3.74     | 13.00    | 4.65     | 14.00    | 5.15     | 14.80    | 5.63     | 16.00    | 6.02     | 16.00    | 6.08     |
|                                    | 39                                 | 9.10                        | 3.15     | 11.00    | 4.04     | 13.00    | 5.03     | 14.00    | 5.56     | 14.80    | 6.07     | 15.00    | 5.85     | 15.00    | 5.91     |
|                                    | 43                                 | 9.10                        | 3.67     | 11.00    | 4.70     | 13.00    | 5.85     | 13.20    | 5.83     | 13.20    | 5.74     | 13.20    | 5.52     | 13.20    | 5.58     |
| 80                                 | 46                                 | 9.10                        | 4.12     | 11.00    | 5.27     | 11.80    | 5.60     | 11.80    | 5.58     | 11.80    | 5.48     | 11.80    | 5.26     | 11.80    | 5.32     |
|                                    | 48                                 | 9.10                        | 4.44     | 10.80    | 5.50     | 10.90    | 5.43     | 10.90    | 5.41     | 10.90    | 5.31     | 10.90    | 5.09     | 10.90    | 5.16     |
|                                    | 10                                 | 8.10                        | 1.07     | 9.80     | 1.33     | 11.50    | 1.61     | 12.40    | 1.76     | 13.10    | 1.90     | 14.60    | 2.21     | 16.10    | 2.55     |
|                                    | 12                                 | 8.10                        | 1.12     | 9.80     | 1.39     | 11.50    | 1.68     | 12.40    | 1.84     | 13.10    | 2.00     | 14.60    | 2.33     | 16.10    | 2.70     |
|                                    | 14                                 | 8.10                        | 1.17     | 9.80     | 1.46     | 11.50    | 1.77     | 12.40    | 1.94     | 13.10    | 2.11     | 14.60    | 2.46     | 16.10    | 2.87     |
|                                    | 16                                 | 8.10                        | 1.22     | 9.80     | 1.53     | 11.50    | 1.87     | 12.40    | 2.06     | 13.10    | 2.23     | 14.60    | 2.62     | 16.10    | 3.05     |
|                                    | 18                                 | 8.10                        | 1.29     | 9.80     | 1.62     | 11.50    | 1.98     | 12.40    | 2.18     | 13.10    | 2.37     | 14.60    | 2.79     | 16.10    | 3.26     |
|                                    | 20                                 | 8.10                        | 1.36     | 9.80     | 1.72     | 11.50    | 2.11     | 12.40    | 2.33     | 13.10    | 2.53     | 14.60    | 2.98     | 16.10    | 3.50     |
|                                    | 21                                 | 8.10                        | 1.40     | 9.80     | 1.77     | 11.50    | 2.18     | 12.40    | 2.40     | 13.10    | 2.62     | 14.60    | 3.09     | 16.10    | 3.62     |
|                                    | 23                                 | 8.10                        | 1.49     | 9.80     | 1.89     | 11.50    | 2.33     | 12.40    | 2.57     | 13.10    | 2.81     | 14.60    | 3.31     | 16.10    | 3.89     |
|                                    | 25                                 | 8.10                        | 1.59     | 9.80     | 2.02     | 11.50    | 2.50     | 12.40    | 2.76     | 13.10    | 3.01     | 14.60    | 3.56     | 16.10    | 4.19     |
|                                    | 27                                 | 8.10                        | 1.70     | 9.80     | 2.16     | 11.50    | 2.68     | 12.40    | 2.96     | 13.10    | 3.24     | 14.60    | 3.84     | 16.10    | 4.52     |
|                                    | 29                                 | 8.10                        | 1.82     | 9.80     | 2.33     | 11.50    | 2.88     | 12.40    | 3.19     | 13.10    | 3.49     | 14.60    | 4.14     | 16.10    | 4.87     |
|                                    | 31                                 | 8.10                        | 1.96     | 9.80     | 2.50     | 11.50    | 3.11     | 12.40    | 3.44     | 13.10    | 3.77     | 14.60    | 4.47     | 16.10    | 5.26     |
|                                    | 33                                 | 8.10                        | 2.11     | 9.80     | 2.70     | 11.50    | 3.35     | 12.40    | 3.71     | 13.10    | 4.07     | 14.60    | 4.82     | 16.10    | 5.68     |
|                                    | 35                                 | 8.10                        | 2.27     | 9.80     | 2.91     | 11.50    | 3.62     | 12.40    | 4.01     | 13.10    | 4.39     | 14.60    | 5.21     | 16.10    | 6.14     |
|                                    | 37                                 | 8.10                        | 2.45     | 9.80     | 3.14     | 11.50    | 3.91     | 12.40    | 4.33     | 13.10    | 4.74     | 14.60    | 5.63     | 16.00    | 6.30     |
| 70                                 | 39                                 | 8.10                        | 2.65     | 9.80     | 3.39     | 11.50    | 4.22     | 12.40    | 4.68     | 13.10    | 5.12     | 14.60    | 6.07     | 15.00    | 6.13     |
|                                    | 43                                 | 8.10                        | 3.09     | 9.80     | 3.96     | 11.50    | 4.92     | 12.40    | 5.45     | 13.10    | 5.96     | 13.20    | 5.74     | 13.20    | 5.79     |
|                                    | 46                                 | 8.10                        | 3.46     | 9.80     | 4.44     | 11.50    | 5.42     | 11.80    | 5.49     | 11.80    | 5.71     | 11.80    | 5.48     | 11.80    | 5.54     |
|                                    | 48                                 | 8.10                        | 3.74     | 9.70     | 4.72     | 10.90    | 5.25     | 10.90    | 5.32     | 10.90    | 5.54     | 10.90    | 5.32     | 10.90    | 5.37     |
|                                    | 10                                 | 7.10                        | 0.90     | 8.60     | 1.13     | 10.10    | 1.37     | 10.90    | 1.50     | 11.50    | 1.62     | 12.80    | 1.88     | 14.10    | 2.18     |
|                                    | 12                                 | 7.10                        | 0.94     | 8.60     | 1.18     | 10.10    | 1.43     | 10.90    | 1.57     | 11.50    | 1.69     | 12.80    | 1.97     | 14.10    | 2.29     |
|                                    | 14                                 | 7.10                        | 0.98     | 8.60     | 1.23     | 10.10    | 1.50     | 10.90    | 1.64     | 11.50    | 1.78     | 12.80    | 2.08     | 14.10    | 2.42     |
|                                    | 16                                 | 7.10                        | 1.03     | 8.60     | 1.29     | 10.10    | 1.58     | 10.90    | 1.73     | 11.50    | 1.88     | 12.80    | 2.20     | 14.10    | 2.57     |
|                                    | 18                                 | 7.10                        | 1.08     | 8.60     | 1.36     | 10.10    | 1.67     | 10.90    | 1.84     | 11.50    | 2.00     | 12.80    | 2.34     | 14.10    | 2.74     |
|                                    | 20                                 | 7.10                        | 1.14     | 8.60     | 1.44     | 10.10    | 1.77     | 10.90    | 1.95     | 11.50    | 2.12     | 12.80    | 2.50     | 14.10    | 2.93     |
|                                    | 21                                 | 7.10                        | 1.17     | 8.60     | 1.49     | 10.10    | 1.83     | 10.90    | 2.01     | 11.50    | 2.19     | 12.80    | 2.58     | 14.10    | 3.03     |
|                                    | 23                                 | 7.10                        | 1.24     | 8.60     | 1.58     | 10.10    | 1.95     | 10.90    | 2.15     | 11.50    | 2.34     | 12.80    | 2.76     | 14.10    | 3.25     |
|                                    | 25                                 | 7.10                        | 1.32     | 8.60     | 1.69     | 10.10    | 2.09     | 10.90    | 2.30     | 11.50    | 2.51     | 12.80    | 2.97     | 14.10    | 3.49     |
|                                    | 27                                 | 7.10                        | 1.41     | 8.60     | 1.81     | 10.10    | 2.24     | 10.90    | 2.47     | 11.50    | 2.70     | 12.80    | 3.19     | 14.10    | 3.76     |
|                                    | 29                                 | 7.10                        | 1.51     | 8.60     | 1.94     | 10.10    | 2.40     | 10.90    | 2.66     | 11.50    | 2.90     | 12.80    | 3.44     | 14.10    | 4.05     |
|                                    | 31                                 | 7.10                        | 1.62     | 8.60     | 2.08     | 10.10    | 2.59     | 10.90    | 2.86     | 11.50    | 3.13     | 12.80    | 3.71     | 14.10    | 4.37     |
|                                    | 33                                 | 7.10                        | 1.75     | 8.60     | 2.24     | 10.10    | 2.79     | 10.90    | 3.09     | 11.50    | 3.37     | 12.80    | 4.00     | 14.10    | 4.72     |
| 60                                 | 35                                 | 7.10                        | 1.88     | 8.60     | 2.42     | 10.10    | 3.01     | 10.90    | 3.33     | 11.50    | 3.64     | 12.80    | 4.32     | 14.10    | 5.10     |
|                                    | 37                                 | 7.10                        | 2.03     | 8.60     | 2.61     | 10.10    | 3.25     | 10.90    | 3.60     | 11.50    | 3.93     | 12.80    | 4.67     | 14.10    | 5.51     |
|                                    | 39                                 | 7.10                        | 2.19     | 8.60     | 2.82     | 10.10    | 3.51     | 10.90    | 3.88     | 11.50    | 4.25     | 12.80    | 5.04     | 14.10    | 5.95     |
|                                    | 43                                 | 7.10                        | 2.55     | 8.60     | 3.29     | 10.10    | 4.09     | 10.90    | 4.53     | 11.50    | 4.95     | 12.80    | 5.87     | 13.20    | 5.92     |
|                                    | 46                                 | 7.10                        | 2.87     | 8.60     | 3.69     | 10.10    | 4.59     | 10.90    | 5.07     | 11.50    | 5.45     | 11.80    | 5.62     | 11.80    | 5.67     |
|                                    | 48                                 | 7.10                        | 3.09     | 8.60     | 3.98     | 10.00    | 4.88     | 10.60    | 5.30     | 10.90    | 5.28     | 10.90    | 5.45     | 10.90    | 5.50     |
|                                    | 10                                 | 6.10                        | 0.76     | 7.40     | 0.94     | 8.70     | 1.15     | 9.30     | 1.25     | 9.90     | 1.36     | 11.00    | 1.58     | 12.10    | 1.83     |
|                                    | 12                                 | 6.10                        | 0.79     | 7.40     | 0.98     | 8.70     | 1.20     | 9.30     | 1.31     | 9.90     | 1.42     | 11.00    | 1.65     | 12.10    | 1.92     |
|                                    | 14                                 | 6.10                        | 0.82     | 7.40     | 1.02     | 8.70     | 1.25     | 9.30     | 1.37     | 9.90     | 1.49     | 11.00    | 1.74     | 12.10    | 2.02     |
|                                    | 16                                 | 6.10                        | 0.85     | 7.40     | 1.07     | 8.70     | 1.32     | 9.30     | 1.44     | 9.90     | 1.56     | 11.00    | 1.83     | 12.10    | 2.14     |
|                                    | 18                                 | 6.10                        | 0.90     | 7.40     | 1.13     | 8.70     | 1.39     | 9.30     | 1.52     | 9.90     | 1.65     | 11.00    | 1.94     | 12.10    | 2.27     |
|                                    | 20                                 | 6.10                        | 0.94     | 7.40     | 1.19     | 8.70     | 1.47     | 9.30     | 1.61     | 9.90     | 1.75     | 11.00    | 2.07     | 12.10    | 2.42     |
|                                    | 21                                 | 6.10                        | 0.97     | 7.40     | 1.22     | 8.70     | 1.51     | 9.30     | 1.66     | 9.90     | 1.81     | 11.00    | 2.13     | 12.10    | 2.50     |
|                                    | 23                                 | 6.10                        | 1.03     | 7.40     | 1.30     | 8.70     | 1.61     | 9.30     | 1.77     | 9.90     | 1.93     | 11.00    | 2.28     | 12.10    | 2.67     |
|                                    | 25                                 | 6.10                        | 1.09     | 7.40     | 1.38     | 8.70     | 1.72     | 9.30     | 1.89     | 9.90     | 2.06     | 11.00    | 2.44     | 12.10    | 2.86     |
|                                    | 27                                 | 6.10                        | 1.16     | 7.40     | 1.48     | 8.70     | 1.84     | 9.30     | 2.03     | 9.90     | 2.21     | 11.00    | 2.62     | 12.10    | 3.08     |
|                                    | 29                                 | 6.10                        | 1.24     | 7.40     | 1.58     | 8.70     | 1.97     | 9.30     | 2.18     | 9.90     | 2.37     | 11.00    | 2.82     | 12.10    | 3.31     |
|                                    | 31                                 | 6.10                        | 1.33     | 7.40     | 1.70     | 8.70     | 2.12     | 9.30     | 2.34     | 9.90     | 2.55     | 11.00    | 3.03     | 12.10    | 3.57     |

# 10. Capacity Table

## Outdoor units

AM060DXMD\*G/EU

### Cooling

TC : Total Capacity, PI : Power Input

| Combination, %<br>(Capacity index) | Outdoor<br>temperature<br>(°C, DB) | Indoor temperature (°C, WB) |          |          |          |          |          |          |          |          |          |          |          |          |          |
|------------------------------------|------------------------------------|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                    |                                    | 14                          |          | 16       |          | 18       |          | 19       |          | 20       |          | 22       |          | 24       |          |
|                                    |                                    | TC<br>kW                    | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW |
| 50                                 | 10                                 | 5.00                        | 0.61     | 6.10     | 0.77     | 7.20     | 0.93     | 7.80     | 1.03     | 8.20     | 1.11     | 9.20     | 1.29     | 10.10    | 1.51     |
|                                    | 12                                 | 5.00                        | 0.63     | 6.10     | 0.80     | 7.20     | 0.97     | 7.80     | 1.07     | 8.20     | 1.16     | 9.20     | 1.35     | 10.10    | 1.57     |
|                                    | 14                                 | 5.00                        | 0.66     | 6.10     | 0.83     | 7.20     | 1.01     | 7.80     | 1.12     | 8.20     | 1.21     | 9.20     | 1.41     | 10.10    | 1.65     |
|                                    | 16                                 | 5.00                        | 0.69     | 6.10     | 0.87     | 7.20     | 1.06     | 7.80     | 1.17     | 8.20     | 1.27     | 9.20     | 1.49     | 10.10    | 1.74     |
|                                    | 18                                 | 5.00                        | 0.72     | 6.10     | 0.91     | 7.20     | 1.12     | 7.80     | 1.23     | 8.20     | 1.34     | 9.20     | 1.57     | 10.10    | 1.84     |
|                                    | 20                                 | 5.00                        | 0.76     | 6.10     | 0.96     | 7.20     | 1.18     | 7.80     | 1.30     | 8.20     | 1.41     | 9.20     | 1.66     | 10.10    | 1.95     |
|                                    | 21                                 | 5.00                        | 0.78     | 6.10     | 0.99     | 7.20     | 1.21     | 7.80     | 1.34     | 8.20     | 1.46     | 9.20     | 1.71     | 10.10    | 2.01     |
|                                    | 23                                 | 5.00                        | 0.82     | 6.10     | 1.05     | 7.20     | 1.29     | 7.80     | 1.42     | 8.20     | 1.55     | 9.20     | 1.82     | 10.10    | 2.15     |
|                                    | 25                                 | 5.00                        | 0.87     | 6.10     | 1.11     | 7.20     | 1.37     | 7.80     | 1.51     | 8.20     | 1.65     | 9.20     | 1.95     | 10.10    | 2.29     |
|                                    | 27                                 | 5.00                        | 0.92     | 6.10     | 1.18     | 7.20     | 1.46     | 7.80     | 1.62     | 8.20     | 1.76     | 9.20     | 2.09     | 10.10    | 2.46     |
|                                    | 29                                 | 5.00                        | 0.99     | 6.10     | 1.27     | 7.20     | 1.57     | 7.80     | 1.73     | 8.20     | 1.89     | 9.20     | 2.24     | 10.10    | 2.64     |
|                                    | 31                                 | 5.00                        | 1.06     | 6.10     | 1.36     | 7.20     | 1.68     | 7.80     | 1.86     | 8.20     | 2.03     | 9.20     | 2.41     | 10.10    | 2.85     |
|                                    | 33                                 | 5.00                        | 1.13     | 6.10     | 1.46     | 7.20     | 1.81     | 7.80     | 2.00     | 8.20     | 2.19     | 9.20     | 2.60     | 10.10    | 3.07     |
|                                    | 35                                 | 5.00                        | 1.22     | 6.10     | 1.57     | 7.20     | 1.95     | 7.80     | 2.16     | 8.20     | 2.36     | 9.20     | 2.80     | 10.10    | 3.31     |
|                                    | 37                                 | 5.00                        | 1.31     | 6.10     | 1.69     | 7.20     | 2.10     | 7.80     | 2.33     | 8.20     | 2.55     | 9.20     | 3.02     | 10.10    | 3.57     |
|                                    | 39                                 | 5.00                        | 1.42     | 6.10     | 1.83     | 7.20     | 2.27     | 7.80     | 2.52     | 8.20     | 2.75     | 9.20     | 3.27     | 10.10    | 3.86     |
|                                    | 43                                 | 5.00                        | 1.65     | 6.10     | 2.13     | 7.20     | 2.65     | 7.80     | 2.94     | 8.20     | 3.21     | 9.20     | 3.81     | 10.10    | 4.50     |
|                                    | 46                                 | 5.00                        | 1.86     | 6.10     | 2.39     | 7.20     | 2.97     | 7.80     | 3.29     | 8.20     | 3.60     | 9.20     | 4.27     | 10.10    | 5.05     |
|                                    | 48                                 | 5.00                        | 2.00     | 6.10     | 2.58     | 7.20     | 3.21     | 7.80     | 3.55     | 8.20     | 3.88     | 9.20     | 4.60     | 10.00    | 5.35     |

### NOTE

- The performance table shows the average value of each conditions.

# 10. Capacity Table

## Outdoor units

AM040DXMD\*G/EU

### Heating

TC : Total Capacity, PI : Power Input

| Combination, %<br>(Capacity index) | Outdoor<br>temperature<br>(°C, DB) |       | Indoor temperature (°C, DB) |      |       |      |       |      |       |      |       |      |
|------------------------------------|------------------------------------|-------|-----------------------------|------|-------|------|-------|------|-------|------|-------|------|
|                                    |                                    |       | 16                          |      | 18    |      | 20    |      | 22    |      | 24    |      |
|                                    | DB                                 | WB    | TC                          | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 130                                | -25.0                              | -25.1 | 10.80                       | 3.31 | 10.50 | 3.55 | 10.30 | 3.73 | 10.00 | 3.98 | 9.70  | 4.23 |
|                                    | -22.0                              | -22.2 | 12.30                       | 3.63 | 12.10 | 3.87 | 11.80 | 4.05 | 11.50 | 4.30 | 10.60 | 4.41 |
|                                    | -20.0                              | -20.2 | 13.30                       | 3.84 | 13.10 | 4.09 | 12.80 | 4.26 | 12.20 | 4.44 | 11.10 | 4.48 |
|                                    | -17.0                              | -17.3 | 14.90                       | 4.16 | 14.60 | 4.41 | 13.90 | 4.51 | 12.90 | 4.55 | 11.90 | 4.58 |
|                                    | -15.0                              | -15.3 | 15.90                       | 4.37 | 15.30 | 4.55 | 14.40 | 4.58 | 13.50 | 4.62 | 12.40 | 4.66 |
|                                    | -12.0                              | -12.4 | 16.90                       | 4.62 | 16.10 | 4.66 | 15.20 | 4.69 | 14.20 | 4.73 | 13.20 | 4.76 |
|                                    | -10.0                              | -10.5 | 17.50                       | 4.69 | 16.60 | 4.73 | 15.70 | 4.76 | 14.70 | 4.80 | 13.70 | 4.83 |
|                                    | -7.0                               | -7.6  | 18.20                       | 4.80 | 17.30 | 4.83 | 16.50 | 4.87 | 15.50 | 4.90 | 14.50 | 4.94 |
|                                    | -5.0                               | -5.6  | 18.70                       | 4.87 | 17.90 | 4.90 | 17.00 | 4.94 | 16.00 | 4.97 | 14.80 | 5.01 |
|                                    | -3.0                               | -3.7  | 19.20                       | 4.94 | 18.40 | 4.97 | 17.40 | 5.01 | 16.20 | 5.01 | 14.90 | 5.01 |
|                                    | 0.0                                | -0.7  | 19.80                       | 5.01 | 18.70 | 5.01 | 17.60 | 5.01 | 16.40 | 5.01 | 15.20 | 5.01 |
|                                    | 3.0                                | 2.2   | 20.00                       | 5.01 | 18.90 | 5.01 | 17.80 | 5.01 | 16.60 | 5.01 | 15.40 | 5.01 |
|                                    | 5.0                                | 4.1   | 20.10                       | 5.01 | 19.00 | 5.01 | 18.00 | 5.01 | 16.80 | 5.01 | 15.50 | 4.90 |
|                                    | 7.0                                | 6.0   | 20.30                       | 5.01 | 19.20 | 5.01 | 18.10 | 5.01 | 16.90 | 5.01 | 15.50 | 4.57 |
|                                    | 9.0                                | 7.9   | 20.40                       | 5.01 | 19.30 | 5.01 | 18.20 | 5.01 | 17.00 | 4.82 | 15.50 | 4.29 |
|                                    | 11.0                               | 9.8   | 20.50                       | 5.01 | 19.50 | 5.01 | 18.40 | 5.01 | 17.00 | 4.53 | 15.50 | 4.04 |
| 120                                | 13.0                               | 11.8  | 20.70                       | 5.01 | 19.60 | 5.01 | 18.50 | 4.75 | 17.00 | 4.27 | 15.50 | 3.81 |
|                                    | 15.0                               | 13.7  | 20.80                       | 5.01 | 19.80 | 4.90 | 18.50 | 4.48 | 17.00 | 4.04 | 15.50 | 3.62 |
|                                    | -25.0                              | -25.1 | 10.50                       | 3.55 | 10.20 | 3.73 | 10.00 | 3.98 | 9.70  | 4.16 | 9.20  | 4.34 |
|                                    | -22.0                              | -22.2 | 12.00                       | 3.87 | 11.80 | 4.05 | 11.50 | 4.30 | 10.80 | 4.41 | 10.00 | 4.44 |
|                                    | -20.0                              | -20.2 | 13.00                       | 4.09 | 12.80 | 4.26 | 12.30 | 4.44 | 11.40 | 4.48 | 10.50 | 4.51 |
|                                    | -17.0                              | -17.3 | 14.60                       | 4.41 | 13.90 | 4.51 | 13.10 | 4.55 | 12.10 | 4.58 | 11.20 | 4.62 |
|                                    | -15.0                              | -15.3 | 15.20                       | 4.55 | 14.40 | 4.58 | 13.60 | 4.62 | 12.60 | 4.66 | 11.80 | 4.69 |
|                                    | -12.0                              | -12.4 | 16.00                       | 4.66 | 15.10 | 4.69 | 14.30 | 4.73 | 13.40 | 4.76 | 12.50 | 4.80 |
|                                    | -10.0                              | -10.5 | 16.50                       | 4.73 | 15.70 | 4.76 | 14.80 | 4.80 | 13.90 | 4.83 | 13.00 | 4.87 |
|                                    | -7.0                               | -7.6  | 17.20                       | 4.83 | 16.40 | 4.87 | 15.60 | 4.90 | 14.70 | 4.94 | 13.80 | 4.97 |
|                                    | -5.0                               | -5.6  | 17.70                       | 4.90 | 16.90 | 4.94 | 16.10 | 4.97 | 15.00 | 5.01 | 14.00 | 5.01 |
|                                    | -3.0                               | -3.7  | 18.30                       | 4.97 | 17.30 | 5.01 | 16.30 | 5.01 | 15.20 | 5.01 | 14.10 | 5.01 |
|                                    | 0.0                                | -0.7  | 18.50                       | 5.01 | 17.50 | 5.01 | 16.50 | 5.01 | 15.40 | 5.01 | 14.30 | 4.99 |
|                                    | 3.0                                | 2.2   | 18.70                       | 5.01 | 17.70 | 5.01 | 16.80 | 5.01 | 15.60 | 5.01 | 14.30 | 4.47 |
|                                    | 5.0                                | 4.1   | 18.90                       | 5.01 | 17.90 | 5.01 | 16.90 | 5.01 | 15.70 | 4.70 | 14.30 | 4.17 |
|                                    | 7.0                                | 6.0   | 19.00                       | 5.01 | 18.00 | 5.01 | 17.00 | 4.92 | 15.70 | 4.39 | 14.30 | 3.90 |
| 110                                | 9.0                                | 7.9   | 19.10                       | 5.01 | 18.20 | 5.01 | 17.00 | 4.60 | 15.70 | 4.12 | 14.30 | 3.67 |
|                                    | 11.0                               | 9.8   | 19.30                       | 5.01 | 18.20 | 4.75 | 17.00 | 4.32 | 15.70 | 3.88 | 14.30 | 3.46 |
|                                    | 13.0                               | 11.8  | 19.40                       | 4.88 | 18.20 | 4.47 | 17.00 | 4.08 | 15.70 | 3.66 | 14.30 | 3.28 |
|                                    | 15.0                               | 13.7  | 19.40                       | 4.60 | 18.20 | 4.22 | 17.00 | 3.86 | 15.70 | 3.48 | 14.30 | 3.12 |
|                                    | -25.0                              | -25.1 | 10.10                       | 3.80 | 9.90  | 3.98 | 9.70  | 4.16 | 9.30  | 4.34 | 8.50  | 4.37 |
|                                    | -22.0                              | -22.2 | 11.70                       | 4.12 | 11.50 | 4.30 | 10.90 | 4.41 | 10.10 | 4.44 | 9.20  | 4.48 |
|                                    | -20.0                              | -20.2 | 12.70                       | 4.34 | 12.20 | 4.44 | 11.40 | 4.48 | 10.60 | 4.51 | 9.70  | 4.55 |
|                                    | -17.0                              | -17.3 | 13.70                       | 4.51 | 12.90 | 4.55 | 12.20 | 4.58 | 11.40 | 4.62 | 10.50 | 4.66 |
|                                    | -15.0                              | -15.3 | 14.20                       | 4.58 | 13.40 | 4.62 | 12.70 | 4.66 | 11.90 | 4.69 | 11.00 | 4.73 |
|                                    | -12.0                              | -12.4 | 14.90                       | 4.69 | 14.20 | 4.73 | 13.50 | 4.76 | 12.60 | 4.80 | 11.80 | 4.83 |
|                                    | -10.0                              | -10.5 | 15.50                       | 4.76 | 14.70 | 4.80 | 14.00 | 4.83 | 13.10 | 4.87 | 12.30 | 4.90 |
|                                    | -7.0                               | -7.6  | 16.20                       | 4.87 | 15.50 | 4.90 | 14.80 | 4.94 | 13.90 | 4.97 | 12.90 | 5.01 |
|                                    | -5.0                               | -5.6  | 16.70                       | 4.94 | 16.00 | 4.97 | 15.10 | 5.01 | 14.10 | 5.01 | 13.00 | 5.01 |
|                                    | -3.0                               | -3.7  | 17.00                       | 5.01 | 16.10 | 5.01 | 15.30 | 5.01 | 14.20 | 5.01 | 13.10 | 4.73 |
|                                    | 0.0                                | -0.7  | 17.20                       | 5.01 | 16.40 | 5.01 | 15.50 | 5.01 | 14.40 | 4.79 | 13.10 | 4.22 |
|                                    | 3.0                                | 2.2   | 17.50                       | 5.01 | 16.60 | 5.01 | 15.60 | 4.81 | 14.40 | 4.29 | 13.10 | 3.79 |
| 100                                | 5.0                                | 4.1   | 17.60                       | 5.01 | 16.70 | 4.96 | 15.60 | 4.48 | 14.40 | 4.00 | 13.10 | 3.54 |
|                                    | 7.0                                | 6.0   | 17.70                       | 5.01 | 16.70 | 4.62 | 15.60 | 4.18 | 14.40 | 3.74 | 13.10 | 3.32 |
|                                    | 9.0                                | 7.9   | 17.80                       | 4.74 | 16.70 | 4.33 | 15.60 | 3.92 | 14.40 | 3.52 | 13.10 | 3.13 |
|                                    | 11.0                               | 9.8   | 17.80                       | 4.45 | 16.70 | 4.07 | 15.60 | 3.69 | 14.40 | 3.32 | 13.10 | 2.96 |
|                                    | 13.0                               | 11.8  | 17.80                       | 4.19 | 16.70 | 3.84 | 15.60 | 3.49 | 14.40 | 3.14 | 13.10 | 2.81 |
|                                    | 15.0                               | 13.7  | 17.80                       | 3.96 | 16.70 | 3.63 | 15.60 | 3.31 | 14.40 | 2.99 | 13.10 | 2.68 |
|                                    | -25.0                              | -25.1 | 9.80                        | 4.09 | 9.60  | 4.16 | 9.30  | 4.34 | 8.50  | 4.37 | 7.70  | 4.23 |
|                                    | -22.0                              | -22.2 | 11.30                       | 4.41 | 10.70 | 4.41 | 10.00 | 4.44 | 9.30  | 4.48 | 8.50  | 4.33 |
|                                    | -20.0                              | -20.2 | 11.80                       | 4.48 | 11.20 | 4.48 | 10.50 | 4.51 | 9.80  | 4.55 | 9.00  | 4.40 |
|                                    | -17.0                              | -17.3 | 12.60                       | 4.58 | 11.90 | 4.58 | 11.30 | 4.62 | 10.50 | 4.66 | 9.80  | 4.51 |
|                                    | -15.0                              | -15.3 | 13.10                       | 4.66 | 12.50 | 4.66 | 11.80 | 4.69 | 11.00 | 4.73 | 10.30 | 4.58 |
|                                    | -12.0                              | -12.4 | 13.90                       | 4.76 | 13.20 | 4.76 | 12.60 | 4.80 | 11.80 | 4.83 | 11.10 | 4.69 |
|                                    | -10.0                              | -10.5 | 14.40                       | 4.83 | 13.70 | 4.83 | 13.10 | 4.87 | 12.30 | 4.90 | 11.60 | 4.76 |
|                                    | -7.0                               | -7.6  | 15.20                       | 4.94 | 14.50 | 4.94 | 13.90 | 4.97 | 12.90 | 5.01 | 11.90 | 4.64 |
|                                    | -5.0                               | -5.6  | 15.60                       | 5.01 | 14.80 | 5.01 | 14.00 | 5.01 | 13.10 | 4.88 | 11.90 | 4.29 |
|                                    | -3.0                               | -3.7  | 15.80                       | 5.01 | 14.90 | 5.01 | 14.10 | 5.01 | 13.10 | 4.51 | 11.90 | 3.97 |
|                                    | 0.0                                | -0.7  | 16.00                       | 5.01 | 15.10 | 5.01 | 14.20 | 4.54 | 13.10 | 4.03 | 11.90 | 3.56 |
|                                    | 3.0                                | 2.2   | 16.20                       | 4.97 | 15.20 | 4.51 | 14.20 | 4.07 | 13.10 | 3.62 | 11.90 | 3.20 |
|                                    | 5.0                                | 4.1   | 16.20                       | 4.62 | 15.20 | 4.20 | 14.20 | 3.80 | 13.10 | 3.38 | 11.90 | 2.99 |
|                                    | 7.0                                | 6.0   | 16.20                       | 4.31 | 15.20 | 3.92 | 14.20 | 3.55 | 13.10 | 3.17 | 11.90 | 2.81 |
|                                    | 9.0                                | 7.9   | 16.20                       | 4.04 | 15.20 | 3.68 | 14.20 | 3.34 | 13.10 | 2.99 | 11.90 | 2.65 |
|                                    | 11.0                               | 9.8   | 16.20                       | 3.80 | 15.20 | 3.47 | 14.20 | 3.15 | 13.10 | 2.82 | 11.90 | 2.51 |
|                                    | 13.0                               | 11.8  | 16.20                       | 3.59 | 15.20 | 3.28 | 14.20 | 2.98 | 13.10 | 2.68 | 11.90 | 2.39 |
|                                    | 15.0                               | 13.7  | 16.20                       | 3.40 | 15.20 | 3.11 | 14.20 | 2.84 | 13.10 | 2.56 | 11.90 | 2.29 |

# 10. Capacity Table

## Outdoor units

AM040DXMD\*G/EU

### Heating

TC : Total Capacity, PI : Power Input

| Combination, %<br>(Capacity index) | Outdoor<br>temperature<br>(°C, DB) |       | Indoor temperature (°C, DB) |      |       |      |       |      |       |      |       |      |
|------------------------------------|------------------------------------|-------|-----------------------------|------|-------|------|-------|------|-------|------|-------|------|
|                                    |                                    |       | 16                          |      | 18    |      | 20    |      | 22    |      | 24    |      |
|                                    | DB                                 | WB    | TC                          | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 90                                 | -25.0                              | -25.1 | 9.50                        | 4.34 | 8.80  | 4.37 | 8.30  | 4.37 | 7.60  | 4.10 | 6.80  | 3.73 |
|                                    | -22.0                              | -22.2 | 10.20                       | 4.44 | 9.60  | 4.48 | 9.10  | 4.48 | 8.40  | 4.20 | 7.60  | 3.84 |
|                                    | -20.0                              | -20.2 | 10.80                       | 4.51 | 10.10 | 4.55 | 9.60  | 4.55 | 8.90  | 4.28 | 8.10  | 3.91 |
|                                    | -17.0                              | -17.3 | 11.50                       | 4.62 | 10.90 | 4.66 | 10.40 | 4.66 | 9.60  | 4.38 | 8.80  | 4.01 |
|                                    | -15.0                              | -15.3 | 12.00                       | 4.69 | 11.40 | 4.73 | 10.90 | 4.73 | 10.20 | 4.45 | 9.30  | 4.08 |
|                                    | -12.0                              | -12.4 | 12.80                       | 4.80 | 12.20 | 4.83 | 11.70 | 4.83 | 10.90 | 4.56 | 10.10 | 4.19 |
|                                    | -10.0                              | -10.5 | 13.30                       | 4.87 | 12.70 | 4.90 | 12.20 | 4.90 | 11.40 | 4.63 | 10.60 | 4.26 |
|                                    | -7.0                               | -7.6  | 14.10                       | 4.97 | 13.40 | 5.01 | 12.70 | 5.01 | 11.80 | 4.52 | 10.70 | 3.97 |
|                                    | -5.0                               | -5.6  | 14.30                       | 5.01 | 13.50 | 5.01 | 12.80 | 4.72 | 11.80 | 4.18 | 10.70 | 3.67 |
|                                    | -3.0                               | -3.7  | 14.40                       | 5.01 | 13.70 | 4.85 | 12.80 | 4.37 | 11.80 | 3.87 | 10.70 | 3.41 |
|                                    | 0.0                                | -0.7  | 14.60                       | 4.78 | 13.70 | 4.33 | 12.80 | 3.90 | 11.80 | 3.46 | 10.70 | 3.05 |
|                                    | 3.0                                | 2.2   | 14.60                       | 4.28 | 13.70 | 3.88 | 12.80 | 3.50 | 11.80 | 3.12 | 10.70 | 2.76 |
|                                    | 5.0                                | 4.1   | 14.60                       | 3.99 | 13.70 | 3.62 | 12.80 | 3.28 | 11.80 | 2.92 | 10.70 | 2.58 |
|                                    | 7.0                                | 6.0   | 14.60                       | 3.73 | 13.70 | 3.39 | 12.80 | 3.07 | 11.80 | 2.74 | 10.70 | 2.43 |
|                                    | 9.0                                | 7.9   | 14.60                       | 3.51 | 13.70 | 3.19 | 12.80 | 2.89 | 11.80 | 2.59 | 10.70 | 2.30 |
| 80                                 | 11.0                               | 9.8   | 14.60                       | 3.31 | 13.70 | 3.01 | 12.80 | 2.74 | 11.80 | 2.45 | 10.70 | 2.18 |
|                                    | 13.0                               | 11.8  | 14.60                       | 3.13 | 13.70 | 2.86 | 12.80 | 2.60 | 11.80 | 2.34 | 10.70 | 2.08 |
|                                    | 15.0                               | 13.7  | 14.60                       | 2.98 | 13.70 | 2.72 | 12.80 | 2.48 | 11.80 | 2.23 | 10.70 | 2.00 |
|                                    | -25.0                              | -25.1 | 8.40                        | 4.37 | 7.90  | 4.39 | 7.30  | 4.11 | 6.60  | 3.58 | 5.80  | 3.25 |
|                                    | -22.0                              | -22.2 | 9.20                        | 4.48 | 8.70  | 4.50 | 8.00  | 4.22 | 7.30  | 3.69 | 6.60  | 3.36 |
|                                    | -20.0                              | -20.2 | 9.70                        | 4.55 | 9.20  | 4.57 | 8.60  | 4.29 | 7.80  | 3.76 | 7.10  | 3.43 |
|                                    | -17.0                              | -17.3 | 10.40                       | 4.66 | 10.00 | 4.68 | 9.30  | 4.40 | 8.60  | 3.86 | 7.90  | 3.54 |
|                                    | -15.0                              | -15.3 | 11.00                       | 4.73 | 10.50 | 4.75 | 9.80  | 4.47 | 9.10  | 3.93 | 8.40  | 3.61 |
|                                    | -12.0                              | -12.4 | 11.70                       | 4.83 | 11.20 | 4.85 | 10.60 | 4.57 | 9.90  | 4.04 | 9.20  | 3.72 |
|                                    | -10.0                              | -10.5 | 12.20                       | 4.90 | 11.70 | 4.92 | 11.10 | 4.64 | 10.40 | 4.11 | 9.50  | 3.79 |
|                                    | -7.0                               | -7.6  | 12.80                       | 5.01 | 12.20 | 4.80 | 11.40 | 4.32 | 10.50 | 3.83 | 9.50  | 3.36 |
|                                    | -5.0                               | -5.6  | 13.00                       | 4.91 | 12.20 | 4.44 | 11.40 | 4.00 | 10.50 | 3.55 | 9.50  | 3.12 |
|                                    | -3.0                               | -3.7  | 13.00                       | 4.54 | 12.20 | 4.11 | 11.40 | 3.70 | 10.50 | 3.29 | 9.50  | 2.89 |
|                                    | 0.0                                | -0.7  | 13.00                       | 4.06 | 12.20 | 3.67 | 11.40 | 3.32 | 10.50 | 2.95 | 9.50  | 2.60 |
|                                    | 3.0                                | 2.2   | 13.00                       | 3.64 | 12.20 | 3.30 | 11.40 | 2.99 | 10.50 | 2.66 | 9.50  | 2.35 |
| 70                                 | 5.0                                | 4.1   | 13.00                       | 3.40 | 12.20 | 3.09 | 11.40 | 2.80 | 10.50 | 2.50 | 9.50  | 2.21 |
|                                    | 7.0                                | 6.0   | 13.00                       | 3.19 | 12.20 | 2.90 | 11.40 | 2.63 | 10.50 | 2.35 | 9.50  | 2.08 |
|                                    | 9.0                                | 7.9   | 13.00                       | 3.01 | 12.20 | 2.74 | 11.40 | 2.49 | 10.50 | 2.22 | 9.50  | 1.97 |
|                                    | 11.0                               | 9.8   | 13.00                       | 2.84 | 12.20 | 2.59 | 11.40 | 2.36 | 10.50 | 2.11 | 9.50  | 1.88 |
|                                    | 13.0                               | 11.8  | 13.00                       | 2.70 | 12.20 | 2.47 | 11.40 | 2.25 | 10.50 | 2.02 | 9.50  | 1.79 |
|                                    | 15.0                               | 13.7  | 13.00                       | 2.57 | 12.20 | 2.36 | 11.40 | 2.15 | 10.50 | 1.93 | 9.50  | 1.72 |
|                                    | -25.0                              | -25.1 | 7.30                        | 4.22 | 6.70  | 3.76 | 6.10  | 3.53 | 5.50  | 3.06 | 4.90  | 2.79 |
|                                    | -22.0                              | -22.2 | 8.00                        | 4.32 | 7.50  | 3.87 | 6.90  | 3.63 | 6.30  | 3.16 | 5.60  | 2.90 |
|                                    | -20.0                              | -20.2 | 8.50                        | 4.40 | 8.00  | 3.94 | 7.40  | 3.70 | 6.80  | 3.23 | 6.20  | 2.97 |
|                                    | -17.0                              | -17.3 | 9.30                        | 4.50 | 8.70  | 4.05 | 8.20  | 3.81 | 7.60  | 3.34 | 6.90  | 3.07 |
|                                    | -15.0                              | -15.3 | 9.80                        | 4.57 | 9.30  | 4.12 | 8.70  | 3.88 | 8.10  | 3.41 | 7.40  | 3.15 |
|                                    | -12.0                              | -12.4 | 10.60                       | 4.68 | 10.00 | 4.23 | 9.50  | 3.99 | 8.80  | 3.52 | 8.20  | 3.25 |
|                                    | -10.0                              | -10.5 | 11.10                       | 4.75 | 10.50 | 4.30 | 9.90  | 4.06 | 9.10  | 3.59 | 8.40  | 3.16 |
|                                    | -7.0                               | -7.6  | 11.30                       | 4.42 | 10.60 | 4.00 | 9.90  | 3.61 | 9.10  | 3.19 | 8.40  | 2.81 |
|                                    | -5.0                               | -5.6  | 11.30                       | 4.09 | 10.60 | 3.70 | 9.90  | 3.34 | 9.10  | 2.96 | 8.40  | 2.61 |
| 60                                 | -3.0                               | -3.7  | 11.30                       | 3.79 | 10.60 | 3.43 | 9.90  | 3.10 | 9.10  | 2.74 | 8.40  | 2.42 |
|                                    | 0.0                                | -0.7  | 11.30                       | 3.39 | 10.60 | 3.08 | 9.90  | 2.78 | 9.10  | 2.47 | 8.40  | 2.18 |
|                                    | 3.0                                | 2.2   | 11.30                       | 3.06 | 10.60 | 2.78 | 9.90  | 2.51 | 9.10  | 2.23 | 8.40  | 1.98 |
|                                    | 5.0                                | 4.1   | 11.30                       | 2.86 | 10.60 | 2.60 | 9.90  | 2.36 | 9.10  | 2.10 | 8.40  | 1.86 |
|                                    | 7.0                                | 6.0   | 11.30                       | 2.69 | 10.60 | 2.45 | 9.90  | 2.22 | 9.10  | 1.98 | 8.40  | 1.76 |
|                                    | 9.0                                | 7.9   | 11.30                       | 2.54 | 10.60 | 2.32 | 9.90  | 2.10 | 9.10  | 1.88 | 8.40  | 1.67 |
|                                    | 11.0                               | 9.8   | 11.30                       | 2.41 | 10.60 | 2.20 | 9.90  | 2.00 | 9.10  | 1.79 | 8.40  | 1.60 |
|                                    | 13.0                               | 11.8  | 11.30                       | 2.30 | 10.60 | 2.10 | 9.90  | 1.91 | 9.10  | 1.71 | 8.40  | 1.53 |
|                                    | 15.0                               | 13.7  | 11.30                       | 2.20 | 10.60 | 2.01 | 9.90  | 1.83 | 9.10  | 1.64 | 8.40  | 1.47 |
|                                    | -25.0                              | -25.1 | 6.00                        | 3.54 | 5.50  | 3.15 | 5.00  | 2.95 | 4.50  | 2.55 | 3.90  | 2.34 |
|                                    | -22.0                              | -22.2 | 6.70                        | 3.64 | 6.30  | 3.25 | 5.80  | 3.06 | 5.20  | 2.66 | 4.70  | 2.45 |
|                                    | -20.0                              | -20.2 | 7.20                        | 3.71 | 6.80  | 3.32 | 6.30  | 3.13 | 5.80  | 2.73 | 5.20  | 2.52 |
|                                    | -17.0                              | -17.3 | 8.00                        | 3.82 | 7.50  | 3.43 | 7.10  | 3.23 | 6.50  | 2.84 | 6.00  | 2.62 |
|                                    | -15.0                              | -15.3 | 8.50                        | 3.89 | 8.10  | 3.50 | 7.60  | 3.30 | 7.00  | 2.91 | 6.50  | 2.70 |
|                                    | -12.0                              | -12.4 | 9.30                        | 4.00 | 8.80  | 3.61 | 8.30  | 3.41 | 7.80  | 3.01 | 7.20  | 2.80 |
|                                    | -10.0                              | -10.5 | 9.70                        | 4.07 | 9.10  | 3.68 | 8.50  | 3.31 | 7.80  | 2.93 | 7.20  | 2.59 |
|                                    | -7.0                               | -7.6  | 9.70                        | 3.61 | 9.10  | 3.27 | 8.50  | 2.95 | 7.80  | 2.61 | 7.20  | 2.31 |
|                                    | -5.0                               | -5.6  | 9.70                        | 3.35 | 9.10  | 3.03 | 8.50  | 2.73 | 7.80  | 2.42 | 7.20  | 2.14 |
|                                    | -3.0                               | -3.7  | 9.70                        | 3.11 | 9.10  | 2.81 | 8.50  | 2.54 | 7.80  | 2.25 | 7.20  | 1.99 |
|                                    | 0.0                                | -0.7  | 9.70                        | 2.79 | 9.10  | 2.53 | 8.50  | 2.28 | 7.80  | 2.03 | 7.20  | 1.80 |
|                                    | 3.0                                | 2.2   | 9.70                        | 2.52 | 9.10  | 2.29 | 8.50  | 2.07 | 7.80  | 1.84 | 7.20  | 1.64 |
|                                    | 5.0                                | 4.1   | 9.70                        | 2.37 | 9.10  | 2.15 | 8.50  | 1.95 | 7.80  | 1.73 | 7.20  | 1.54 |
|                                    | 7.0                                | 6.0   | 9.70                        | 2.23 | 9.10  | 2.03 | 8.50  | 1.84 | 7.80  | 1.64 | 7.20  | 1.46 |
|                                    | 9.0                                | 7.9   | 9.70                        | 2.11 | 9.10  | 1.93 | 8.50  | 1.75 | 7.80  | 1.56 | 7.20  | 1.39 |
|                                    | 11.0                               | 9.8   | 9.70                        | 2.01 | 9.10  | 1.84 | 8.50  | 1.67 | 7.80  | 1.49 | 7.20  | 1.33 |
|                                    | 13.0                               | 11.8  | 9.70                        | 1.92 | 9.10  | 1.76 | 8.50  | 1.60 | 7.80  | 1.43 | 7.20  | 1.28 |
|                                    | 15.0                               | 13.7  | 9.70                        | 1.84 | 9.10  | 1.69 | 8.50  | 1.54 | 7.80  | 1.38 | 7.20  | 1.23 |

# 10. Capacity Table

## Outdoor units

AM040DXMD\*G/EU

### Heating

TC : Total Capacity, PI : Power Input

| Combination, %<br>(Capacity index) | Outdoor<br>temperature<br>(°C, DB) |       | Indoor temperature (°C, DB) |      |      |      |      |      |      |      |      |      |
|------------------------------------|------------------------------------|-------|-----------------------------|------|------|------|------|------|------|------|------|------|
|                                    |                                    |       | 16                          |      | 18   |      | 20   |      | 22   |      | 24   |      |
|                                    | DB                                 | WB    | TC                          | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   |
| 50                                 | -25.0                              | -25.1 | 4.70                        | 2.84 | 4.30 | 2.68 | 3.90 | 2.37 | 3.40 | 2.05 | 3.00 | 1.87 |
|                                    | -22.0                              | -22.2 | 5.40                        | 2.94 | 5.10 | 2.79 | 4.70 | 2.48 | 4.20 | 2.16 | 3.70 | 1.98 |
|                                    | -20.0                              | -20.2 | 6.00                        | 3.02 | 5.60 | 2.86 | 5.20 | 2.55 | 4.70 | 2.23 | 4.30 | 2.05 |
|                                    | -17.0                              | -17.3 | 6.70                        | 3.12 | 6.30 | 2.97 | 5.90 | 2.65 | 5.50 | 2.34 | 5.00 | 2.16 |
|                                    | -15.0                              | -15.3 | 7.20                        | 3.19 | 6.80 | 3.04 | 6.40 | 2.73 | 6.00 | 2.41 | 5.50 | 2.23 |
|                                    | -12.0                              | -12.4 | 8.00                        | 3.30 | 7.60 | 3.14 | 7.10 | 2.83 | 6.50 | 2.51 | 6.00 | 2.21 |
|                                    | -10.0                              | -10.5 | 8.10                        | 3.21 | 7.60 | 2.90 | 7.10 | 2.62 | 6.50 | 2.32 | 6.00 | 2.04 |
|                                    | -7.0                               | -7.6  | 8.10                        | 2.85 | 7.60 | 2.59 | 7.10 | 2.33 | 6.50 | 2.07 | 6.00 | 1.82 |
|                                    | -5.0                               | -5.6  | 8.10                        | 2.65 | 7.60 | 2.40 | 7.10 | 2.17 | 6.50 | 1.92 | 6.00 | 1.69 |
|                                    | -3.0                               | -3.7  | 8.10                        | 2.46 | 7.60 | 2.23 | 7.10 | 2.02 | 6.50 | 1.79 | 6.00 | 1.58 |
|                                    | 0.0                                | -0.7  | 8.10                        | 2.22 | 7.60 | 2.01 | 7.10 | 1.82 | 6.50 | 1.62 | 6.00 | 1.43 |
|                                    | 3.0                                | 2.2   | 8.10                        | 2.01 | 7.60 | 1.83 | 7.10 | 1.66 | 6.50 | 1.48 | 6.00 | 1.30 |
|                                    | 5.0                                | 4.1   | 8.10                        | 1.89 | 7.60 | 1.72 | 7.10 | 1.56 | 6.50 | 1.39 | 6.00 | 1.23 |
|                                    | 7.0                                | 6.0   | 8.10                        | 1.79 | 7.60 | 1.63 | 7.10 | 1.48 | 6.50 | 1.32 | 6.00 | 1.17 |
|                                    | 9.0                                | 7.9   | 8.10                        | 1.70 | 7.60 | 1.55 | 7.10 | 1.41 | 6.50 | 1.26 | 6.00 | 1.12 |
|                                    | 11.0                               | 9.8   | 8.10                        | 1.62 | 7.60 | 1.48 | 7.10 | 1.35 | 6.50 | 1.21 | 6.00 | 1.07 |
|                                    | 13.0                               | 11.8  | 8.10                        | 1.56 | 7.60 | 1.42 | 7.10 | 1.30 | 6.50 | 1.16 | 6.00 | 1.03 |
|                                    | 15.0                               | 13.7  | 8.10                        | 1.50 | 7.60 | 1.37 | 7.10 | 1.25 | 6.50 | 1.12 | 6.00 | 1.00 |

### NOTE

- The performance table shows the average value of each conditions.

# 10. Capacity Table

## Outdoor units

AM050DXMD\*G/EU

### Heating

TC : Total Capacity, PI : Power Input

| Combination, %<br>(Capacity index) | Outdoor<br>temperature<br>(°C, DB) |       | Indoor temperature (°C, DB) |      |       |      |       |      |       |      |       |      |
|------------------------------------|------------------------------------|-------|-----------------------------|------|-------|------|-------|------|-------|------|-------|------|
|                                    |                                    |       | 16                          |      | 18    |      | 20    |      | 22    |      | 24    |      |
|                                    | DB                                 | WB    | TC                          | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 130                                | -25.0                              | -25.1 | 10.70                       | 3.16 | 10.40 | 3.49 | 10.10 | 3.70 | 9.70  | 3.90 | 9.40  | 4.23 |
|                                    | -22.0                              | -22.2 | 12.40                       | 3.53 | 12.10 | 3.86 | 11.80 | 4.07 | 11.50 | 4.27 | 11.10 | 4.60 |
|                                    | -20.0                              | -20.2 | 13.50                       | 3.78 | 13.20 | 4.11 | 13.00 | 4.31 | 12.60 | 4.52 | 11.80 | 4.76 |
|                                    | -17.0                              | -17.3 | 15.30                       | 4.15 | 15.00 | 4.48 | 14.70 | 4.68 | 13.80 | 4.80 | 12.70 | 4.89 |
|                                    | -15.0                              | -15.3 | 16.40                       | 4.39 | 16.10 | 4.72 | 15.50 | 4.85 | 14.40 | 4.89 | 13.20 | 4.97 |
|                                    | -12.0                              | -12.4 | 18.10                       | 4.76 | 17.30 | 4.93 | 16.30 | 4.97 | 15.30 | 5.01 | 14.10 | 5.09 |
|                                    | -10.0                              | -10.5 | 18.90                       | 4.93 | 17.80 | 5.01 | 16.90 | 5.05 | 15.90 | 5.09 | 14.70 | 5.17 |
|                                    | -7.0                               | -7.6  | 19.70                       | 5.05 | 18.70 | 5.13 | 17.80 | 5.17 | 16.70 | 5.21 | 15.50 | 5.30 |
|                                    | -5.0                               | -5.6  | 20.30                       | 5.13 | 19.30 | 5.21 | 18.30 | 5.26 | 17.30 | 5.30 | 16.10 | 5.38 |
|                                    | -3.0                               | -3.7  | 20.90                       | 5.21 | 19.90 | 5.30 | 18.90 | 5.34 | 17.90 | 5.38 | 16.70 | 5.46 |
|                                    | 0.0                                | -0.7  | 21.80                       | 5.34 | 20.70 | 5.42 | 19.70 | 5.46 | 18.30 | 5.46 | 16.90 | 5.46 |
|                                    | 3.0                                | 2.2   | 22.40                       | 5.46 | 21.10 | 5.46 | 19.90 | 5.46 | 18.60 | 5.46 | 17.20 | 5.46 |
|                                    | 5.0                                | 4.1   | 22.50                       | 5.46 | 21.30 | 5.46 | 20.10 | 5.46 | 18.70 | 5.46 | 17.30 | 5.46 |
|                                    | 7.0                                | 6.0   | 22.70                       | 5.46 | 21.50 | 5.46 | 20.20 | 5.46 | 18.90 | 5.46 | 17.50 | 5.28 |
|                                    | 9.0                                | 7.9   | 22.80                       | 5.46 | 21.60 | 5.46 | 20.40 | 5.46 | 19.10 | 5.46 | 17.50 | 4.95 |
| 120                                | 11.0                               | 9.8   | 23.00                       | 5.46 | 21.80 | 5.46 | 20.60 | 5.46 | 19.10 | 5.22 | 17.50 | 4.65 |
|                                    | 13.0                               | 11.8  | 23.20                       | 5.46 | 21.90 | 5.46 | 20.70 | 5.46 | 19.10 | 4.91 | 17.50 | 4.39 |
|                                    | 15.0                               | 13.7  | 23.30                       | 5.46 | 22.10 | 5.46 | 20.80 | 5.15 | 19.10 | 4.64 | 17.50 | 4.16 |
|                                    | -25.0                              | -25.1 | 10.30                       | 3.41 | 10.00 | 3.70 | 9.80  | 3.90 | 9.40  | 4.11 | 9.10  | 4.44 |
|                                    | -22.0                              | -22.2 | 12.00                       | 3.78 | 11.80 | 4.07 | 11.50 | 4.27 | 11.20 | 4.48 | 10.50 | 4.72 |
|                                    | -20.0                              | -20.2 | 13.20                       | 4.03 | 12.90 | 4.31 | 12.60 | 4.52 | 12.20 | 4.72 | 11.10 | 4.80 |
|                                    | -17.0                              | -17.3 | 14.90                       | 4.39 | 14.60 | 4.68 | 14.00 | 4.80 | 13.00 | 4.85 | 11.90 | 4.93 |
|                                    | -15.0                              | -15.3 | 16.10                       | 4.64 | 15.40 | 4.85 | 14.50 | 4.89 | 13.60 | 4.93 | 12.50 | 5.01 |
|                                    | -12.0                              | -12.4 | 17.20                       | 4.93 | 16.30 | 4.97 | 15.40 | 5.01 | 14.50 | 5.05 | 13.40 | 5.13 |
|                                    | -10.0                              | -10.5 | 17.80                       | 5.01 | 16.90 | 5.05 | 16.00 | 5.09 | 15.10 | 5.13 | 14.00 | 5.21 |
|                                    | -7.0                               | -7.6  | 18.70                       | 5.13 | 17.70 | 5.17 | 16.90 | 5.21 | 15.90 | 5.26 | 14.80 | 5.34 |
|                                    | -5.0                               | -5.6  | 19.20                       | 5.21 | 18.30 | 5.26 | 17.40 | 5.30 | 16.50 | 5.34 | 15.40 | 5.42 |
|                                    | -3.0                               | -3.7  | 19.80                       | 5.30 | 18.90 | 5.34 | 18.00 | 5.38 | 17.10 | 5.42 | 15.70 | 5.46 |
|                                    | 0.0                                | -0.7  | 20.70                       | 5.42 | 19.60 | 5.46 | 18.50 | 5.46 | 17.30 | 5.46 | 16.00 | 5.46 |
|                                    | 3.0                                | 2.2   | 21.00                       | 5.46 | 19.80 | 5.46 | 18.70 | 5.46 | 17.50 | 5.46 | 16.10 | 5.17 |
| 110                                | 5.0                                | 4.1   | 21.20                       | 5.46 | 20.00 | 5.46 | 18.90 | 5.46 | 17.70 | 5.44 | 16.10 | 4.82 |
|                                    | 7.0                                | 6.0   | 21.30                       | 5.46 | 20.10 | 5.46 | 19.00 | 5.46 | 17.70 | 5.07 | 16.10 | 4.50 |
|                                    | 9.0                                | 7.9   | 21.50                       | 5.46 | 20.30 | 5.46 | 19.20 | 5.31 | 17.70 | 4.75 | 16.10 | 4.22 |
|                                    | 11.0                               | 9.8   | 21.70                       | 5.46 | 20.50 | 5.46 | 19.20 | 4.98 | 17.70 | 4.47 | 16.10 | 3.98 |
|                                    | 13.0                               | 11.8  | 21.80                       | 5.46 | 20.50 | 5.14 | 19.20 | 4.69 | 17.70 | 4.21 | 16.10 | 3.76 |
|                                    | 15.0                               | 13.7  | 21.90                       | 5.30 | 20.50 | 4.85 | 19.20 | 4.43 | 17.70 | 3.99 | 16.10 | 3.57 |
|                                    | -25.0                              | -25.1 | 9.90                        | 3.70 | 9.70  | 3.90 | 9.40  | 4.11 | 9.20  | 4.35 | 8.50  | 4.48 |
|                                    | -22.0                              | -22.2 | 11.70                       | 4.07 | 11.40 | 4.27 | 11.20 | 4.48 | 10.60 | 4.72 | 9.70  | 4.76 |
|                                    | -20.0                              | -20.2 | 12.80                       | 4.31 | 12.60 | 4.52 | 12.20 | 4.72 | 11.20 | 4.80 | 10.30 | 4.85 |
|                                    | -17.0                              | -17.3 | 14.50                       | 4.68 | 13.80 | 4.80 | 13.10 | 4.85 | 12.10 | 4.93 | 11.20 | 4.97 |
|                                    | -15.0                              | -15.3 | 15.20                       | 4.85 | 14.40 | 4.89 | 13.60 | 4.93 | 12.60 | 5.01 | 11.70 | 5.05 |
|                                    | -12.0                              | -12.4 | 16.10                       | 4.97 | 15.30 | 5.01 | 14.50 | 5.05 | 13.50 | 5.13 | 12.60 | 5.17 |
|                                    | -10.0                              | -10.5 | 16.60                       | 5.05 | 15.90 | 5.09 | 15.10 | 5.13 | 14.10 | 5.21 | 13.20 | 5.26 |
|                                    | -7.0                               | -7.6  | 17.50                       | 5.17 | 16.70 | 5.21 | 16.00 | 5.26 | 15.00 | 5.34 | 14.00 | 5.38 |
|                                    | -5.0                               | -5.6  | 18.10                       | 5.26 | 17.30 | 5.30 | 16.50 | 5.34 | 15.50 | 5.42 | 14.50 | 5.46 |
| 100                                | -3.0                               | -3.7  | 18.70                       | 5.34 | 17.90 | 5.38 | 17.10 | 5.42 | 15.90 | 5.46 | 14.70 | 5.46 |
|                                    | 0.0                                | -0.7  | 19.30                       | 5.46 | 18.30 | 5.46 | 17.30 | 5.46 | 16.10 | 5.46 | 14.80 | 4.90 |
|                                    | 3.0                                | 2.2   | 19.50                       | 5.46 | 18.50 | 5.46 | 17.50 | 5.46 | 16.20 | 4.97 | 14.80 | 4.39 |
|                                    | 5.0                                | 4.1   | 19.70                       | 5.46 | 18.70 | 5.46 | 17.60 | 5.18 | 16.20 | 4.62 | 14.80 | 4.09 |
|                                    | 7.0                                | 6.0   | 19.80                       | 5.46 | 18.80 | 5.33 | 17.60 | 4.83 | 16.20 | 4.32 | 14.80 | 3.83 |
|                                    | 9.0                                | 7.9   | 20.00                       | 5.46 | 18.80 | 4.99 | 17.60 | 4.53 | 16.20 | 4.06 | 14.80 | 3.60 |
|                                    | 11.0                               | 9.8   | 20.10                       | 5.13 | 18.80 | 4.68 | 17.60 | 4.25 | 16.20 | 3.82 | 14.80 | 3.40 |
|                                    | 13.0                               | 11.8  | 20.10                       | 4.82 | 18.80 | 4.41 | 17.60 | 4.01 | 16.20 | 3.61 | 14.80 | 3.22 |
|                                    | 15.0                               | 13.7  | 20.10                       | 4.55 | 18.80 | 4.17 | 17.60 | 3.80 | 16.20 | 3.43 | 14.80 | 3.07 |
|                                    | -25.0                              | -25.1 | 9.60                        | 4.03 | 9.30  | 4.23 | 9.10  | 4.47 | 8.50  | 4.48 | 7.80  | 4.34 |
|                                    | -22.0                              | -22.2 | 11.30                       | 4.39 | 11.10 | 4.60 | 10.60 | 4.72 | 9.80  | 4.76 | 8.90  | 4.55 |
|                                    | -20.0                              | -20.2 | 12.40                       | 4.64 | 11.90 | 4.76 | 11.10 | 4.80 | 10.40 | 4.85 | 9.50  | 4.63 |
|                                    | -17.0                              | -17.3 | 13.50                       | 4.85 | 12.80 | 4.89 | 12.00 | 4.93 | 11.30 | 4.97 | 10.40 | 4.75 |
|                                    | -15.0                              | -15.3 | 14.10                       | 4.93 | 13.40 | 4.97 | 12.60 | 5.01 | 11.80 | 5.05 | 10.90 | 4.84 |
|                                    | -12.0                              | -12.4 | 14.90                       | 5.05 | 14.20 | 5.09 | 13.40 | 5.13 | 12.70 | 5.17 | 11.80 | 4.96 |

# 10. Capacity Table

## Outdoor units

AM050DXMD\*G/EU

### Heating

TC : Total Capacity, PI : Power Input

| Combination, %<br>(Capacity index) | Outdoor<br>temperature<br>(°C, DB) |       | Indoor temperature (°C, DB) |      |       |      |       |      |       |      |       |      |
|------------------------------------|------------------------------------|-------|-----------------------------|------|-------|------|-------|------|-------|------|-------|------|
|                                    |                                    |       | 16                          |      | 18    |      | 20    |      | 22    |      | 24    |      |
|                                    | DB                                 | WB    | TC                          | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 90                                 | -25.0                              | -25.1 | 9.20                        | 4.31 | 8.80  | 4.35 | 8.30  | 4.48 | 7.70  | 4.21 | 7.00  | 3.90 |
|                                    | -22.0                              | -22.2 | 10.90                       | 4.68 | 10.30 | 4.72 | 9.60  | 4.76 | 8.80  | 4.41 | 7.90  | 4.02 |
|                                    | -20.0                              | -20.2 | 11.50                       | 4.76 | 10.90 | 4.80 | 10.20 | 4.85 | 9.40  | 4.49 | 8.50  | 4.10 |
|                                    | -17.0                              | -17.3 | 12.30                       | 4.89 | 11.70 | 4.93 | 11.00 | 4.97 | 10.20 | 4.62 | 9.30  | 4.22 |
|                                    | -15.0                              | -15.3 | 12.90                       | 4.97 | 12.30 | 5.01 | 11.60 | 5.05 | 10.80 | 4.70 | 9.90  | 4.31 |
|                                    | -12.0                              | -12.4 | 13.80                       | 5.09 | 13.20 | 5.13 | 12.50 | 5.17 | 11.70 | 4.82 | 10.80 | 4.43 |
|                                    | -10.0                              | -10.5 | 14.30                       | 5.17 | 13.70 | 5.21 | 13.00 | 5.26 | 12.20 | 4.90 | 11.40 | 4.51 |
|                                    | -7.0                               | -7.6  | 15.20                       | 5.30 | 14.60 | 5.34 | 13.90 | 5.38 | 13.10 | 5.03 | 12.10 | 4.63 |
|                                    | -5.0                               | -5.6  | 15.80                       | 5.38 | 15.20 | 5.42 | 14.30 | 5.46 | 13.30 | 4.87 | 12.10 | 4.28 |
|                                    | -3.0                               | -3.7  | 16.10                       | 5.46 | 15.30 | 5.46 | 14.40 | 5.08 | 13.30 | 4.51 | 12.10 | 3.97 |
|                                    | 0.0                                | -0.7  | 16.30                       | 5.46 | 15.40 | 5.01 | 14.40 | 4.53 | 13.30 | 4.03 | 12.10 | 3.55 |
|                                    | 3.0                                | 2.2   | 16.40                       | 4.95 | 15.40 | 4.49 | 14.40 | 4.06 | 13.30 | 3.62 | 12.10 | 3.20 |
|                                    | 5.0                                | 4.1   | 16.40                       | 4.60 | 15.40 | 4.18 | 14.40 | 3.79 | 13.30 | 3.38 | 12.10 | 2.99 |
|                                    | 7.0                                | 6.0   | 16.40                       | 4.30 | 15.40 | 3.91 | 14.40 | 3.55 | 13.30 | 3.17 | 12.10 | 2.81 |
| 80                                 | 9.0                                | 7.9   | 16.40                       | 4.04 | 15.40 | 3.67 | 14.40 | 3.34 | 13.30 | 2.99 | 12.10 | 2.65 |
|                                    | 11.0                               | 9.8   | 16.40                       | 3.80 | 15.40 | 3.47 | 14.40 | 3.16 | 13.30 | 2.83 | 12.10 | 2.52 |
|                                    | 13.0                               | 11.8  | 16.40                       | 3.59 | 15.40 | 3.28 | 14.40 | 2.99 | 13.30 | 2.69 | 12.10 | 2.39 |
|                                    | 15.0                               | 13.7  | 16.40                       | 3.41 | 15.40 | 3.12 | 14.40 | 2.85 | 13.30 | 2.56 | 12.10 | 2.29 |
|                                    | -25.0                              | -25.1 | 8.40                        | 4.48 | 8.00  | 4.43 | 7.50  | 3.98 | 6.80  | 3.72 | 6.00  | 3.40 |
|                                    | -22.0                              | -22.2 | 9.70                        | 4.76 | 9.10  | 4.72 | 8.40  | 4.19 | 7.70  | 3.85 | 6.90  | 3.52 |
|                                    | -20.0                              | -20.2 | 10.20                       | 4.85 | 9.70  | 4.80 | 9.00  | 4.27 | 8.20  | 3.93 | 7.50  | 3.60 |
|                                    | -17.0                              | -17.3 | 11.10                       | 4.97 | 10.60 | 4.92 | 9.90  | 4.39 | 9.10  | 4.05 | 8.30  | 3.73 |
|                                    | -15.0                              | -15.3 | 11.70                       | 5.05 | 11.10 | 5.00 | 10.50 | 4.48 | 9.70  | 4.13 | 8.90  | 3.81 |
|                                    | -12.0                              | -12.4 | 12.50                       | 5.17 | 12.00 | 5.13 | 11.30 | 4.60 | 10.50 | 4.26 | 9.80  | 3.93 |
|                                    | -10.0                              | -10.5 | 13.10                       | 5.26 | 12.60 | 5.21 | 11.90 | 4.68 | 11.10 | 4.34 | 10.30 | 4.01 |
|                                    | -7.0                               | -7.6  | 14.00                       | 5.38 | 13.50 | 5.33 | 12.80 | 4.80 | 11.80 | 4.46 | 10.80 | 3.94 |
|                                    | -5.0                               | -5.6  | 14.40                       | 5.46 | 13.70 | 5.16 | 12.80 | 4.66 | 11.80 | 4.12 | 10.80 | 3.64 |
|                                    | -3.0                               | -3.7  | 14.60                       | 5.27 | 13.70 | 4.78 | 12.80 | 4.31 | 11.80 | 3.82 | 10.80 | 3.38 |
|                                    | 0.0                                | -0.7  | 14.60                       | 4.70 | 13.70 | 4.27 | 12.80 | 3.85 | 11.80 | 3.42 | 10.80 | 3.03 |
| 70                                 | 3.0                                | 2.2   | 14.60                       | 4.21 | 13.70 | 3.83 | 12.80 | 3.47 | 11.80 | 3.08 | 10.80 | 2.73 |
|                                    | 5.0                                | 4.1   | 14.60                       | 3.93 | 13.70 | 3.58 | 12.80 | 3.24 | 11.80 | 2.88 | 10.80 | 2.56 |
|                                    | 7.0                                | 6.0   | 14.60                       | 3.68 | 13.70 | 3.35 | 12.80 | 3.04 | 11.80 | 2.71 | 10.80 | 2.41 |
|                                    | 9.0                                | 7.9   | 14.60                       | 3.46 | 13.70 | 3.16 | 12.80 | 2.87 | 11.80 | 2.56 | 10.80 | 2.28 |
|                                    | 11.0                               | 9.8   | 14.60                       | 3.27 | 13.70 | 2.98 | 12.80 | 2.72 | 11.80 | 2.43 | 10.80 | 2.17 |
|                                    | 13.0                               | 11.8  | 14.60                       | 3.10 | 13.70 | 2.83 | 12.80 | 2.58 | 11.80 | 2.31 | 10.80 | 2.07 |
|                                    | 15.0                               | 13.7  | 14.60                       | 2.95 | 13.70 | 2.70 | 12.80 | 2.46 | 11.80 | 2.21 | 10.80 | 1.98 |
|                                    | -25.0                              | -25.1 | 7.50                        | 4.09 | 7.00  | 3.93 | 6.40  | 3.67 | 5.70  | 3.18 | 5.00  | 2.90 |
|                                    | -22.0                              | -22.2 | 8.40                        | 4.30 | 7.80  | 4.05 | 7.20  | 3.79 | 6.50  | 3.30 | 5.90  | 3.02 |
|                                    | -20.0                              | -20.2 | 9.00                        | 4.38 | 8.40  | 4.13 | 7.80  | 3.88 | 7.10  | 3.38 | 6.40  | 3.10 |
|                                    | -17.0                              | -17.3 | 9.90                        | 4.50 | 9.30  | 4.26 | 8.70  | 4.00 | 8.00  | 3.51 | 7.30  | 3.22 |
|                                    | -15.0                              | -15.3 | 10.40                       | 4.59 | 9.80  | 4.34 | 9.20  | 4.08 | 8.60  | 3.59 | 7.90  | 3.31 |
|                                    | -12.0                              | -12.4 | 11.30                       | 4.71 | 10.70 | 4.46 | 10.10 | 4.20 | 9.40  | 3.71 | 8.70  | 3.43 |
|                                    | -10.0                              | -10.5 | 11.90                       | 4.79 | 11.30 | 4.54 | 10.70 | 4.29 | 10.00 | 3.79 | 9.30  | 3.51 |
|                                    | -7.0                               | -7.6  | 12.70                       | 4.91 | 12.00 | 4.67 | 11.20 | 4.20 | 10.30 | 3.73 | 9.40  | 3.28 |
| 60                                 | -5.0                               | -5.6  | 12.80                       | 4.76 | 12.00 | 4.31 | 11.20 | 3.88 | 10.30 | 3.45 | 9.40  | 3.04 |
|                                    | -3.0                               | -3.7  | 12.80                       | 4.41 | 12.00 | 4.00 | 11.20 | 3.60 | 10.30 | 3.20 | 9.40  | 2.82 |
|                                    | 0.0                                | -0.7  | 12.80                       | 3.94 | 12.00 | 3.58 | 11.20 | 3.22 | 10.30 | 2.87 | 9.40  | 2.54 |
|                                    | 3.0                                | 2.2   | 12.80                       | 3.55 | 12.00 | 3.22 | 11.20 | 2.91 | 10.30 | 2.59 | 9.40  | 2.29 |
|                                    | 5.0                                | 4.1   | 12.80                       | 3.32 | 12.00 | 3.01 | 11.20 | 2.72 | 10.30 | 2.43 | 9.40  | 2.15 |
|                                    | 7.0                                | 6.0   | 12.80                       | 3.11 | 12.00 | 2.83 | 11.20 | 2.56 | 10.30 | 2.29 | 9.40  | 2.03 |
|                                    | 9.0                                | 7.9   | 12.80                       | 2.93 | 12.00 | 2.67 | 11.20 | 2.42 | 10.30 | 2.17 | 9.40  | 1.92 |
|                                    | 11.0                               | 9.8   | 12.80                       | 2.78 | 12.00 | 2.53 | 11.20 | 2.30 | 10.30 | 2.06 | 9.40  | 1.83 |
|                                    | 13.0                               | 11.8  | 12.80                       | 2.64 | 12.00 | 2.41 | 11.20 | 2.19 | 10.30 | 1.97 | 9.40  | 1.75 |
|                                    | 15.0                               | 13.7  | 12.80                       | 2.52 | 12.00 | 2.31 | 11.20 | 2.10 | 10.30 | 1.89 | 9.40  | 1.68 |
|                                    | -25.0                              | -25.1 | 6.20                        | 3.68 | 5.60  | 3.26 | 5.10  | 3.06 | 4.50  | 2.81 | 4.00  | 2.41 |
|                                    | -22.0                              | -22.2 | 7.00                        | 3.80 | 6.50  | 3.39 | 6.00  | 3.18 | 5.40  | 2.93 | 4.80  | 2.53 |
|                                    | -20.0                              | -20.2 | 7.60                        | 3.88 | 7.10  | 3.47 | 6.60  | 3.27 | 6.00  | 3.02 | 5.40  | 2.61 |
|                                    | -17.0                              | -17.3 | 8.50                        | 4.01 | 8.00  | 3.59 | 7.40  | 3.39 | 6.90  | 3.14 | 6.30  | 2.74 |
|                                    | -15.0                              | -15.3 | 9.00                        | 4.09 | 8.50  | 3.67 | 8.00  | 3.47 | 7.40  | 3.22 | 6.80  | 2.82 |
|                                    | -12.0                              | -12.4 | 9.90                        | 4.21 | 9.40  | 3.80 | 8.90  | 3.59 | 8.30  | 3.34 | 7.70  | 2.94 |
|                                    | -10.0                              | -10.5 | 10.50                       | 4.29 | 10.00 | 3.88 | 9.50  | 3.68 | 8.80  | 3.43 | 8.10  | 3.02 |
|                                    | -7.0                               | -7.6  | 10.90                       | 4.21 | 10.30 | 3.81 | 9.60  | 3.44 | 8.80  | 3.04 | 8.10  | 2.69 |
|                                    | -5.0                               | -5.6  | 10.90                       | 3.89 | 10.30 | 3.53 | 9.60  | 3.18 | 8.80  | 2.82 | 8.10  | 2.49 |
|                                    | -3.0                               | -3.7  | 10.90                       | 3.61 | 10.30 | 3.27 | 9.60  | 2.95 | 8.80  | 2.62 | 8.10  | 2.32 |
|                                    | 0.0                                | -0.7  | 10.90                       | 3.23 | 10.30 | 2.93 | 9.60  | 2.65 | 8.80  | 2.36 | 8.10  | 2.09 |
|                                    | 3.0                                | 2.2   | 10.90                       | 2.92 | 10.30 | 2.65 | 9.60  | 2.40 | 8.80  | 2.13 | 8.10  | 1.89 |
|                                    | 5.0                                | 4.1   | 10.90                       | 2.73 | 10.30 | 2.49 | 9.60  | 2.25 | 8.80  | 2.00 | 8.10  | 1.78 |
|                                    | 7.0                                | 6.0   | 10.90                       | 2.57 | 10.30 | 2.34 | 9.60  | 2.12 | 8.80  | 1.89 | 8.10  | 1.68 |
|                                    | 9.0                                | 7.9   | 10.90                       | 2.43 | 10.30 | 2.22 | 9.60  | 2.01 | 8.80  | 1.79 | 8.10  | 1.60 |
|                                    | 11.0                               | 9.8   | 10.90                       | 2.31 | 10.30 | 2.11 | 9.60  | 1.91 | 8.80  | 1.71 | 8.10  | 1.52 |
|                                    | 13.0                               | 11.8  | 10.90                       | 2.20 | 10.30 | 2.01 | 9.60  | 1.83 | 8.80  | 1.63 | 8.10  | 1.46 |
|                                    | 15.0                               | 13.7  | 10.90                       | 2.11 | 10.30 | 1.93 | 9.60  | 1.75 | 8.80  | 1.57 | 8.10  | 1.40 |

# 10. Capacity Table

## Outdoor units

AM050DXMD\*G/EU

### Heating

TC : Total Capacity, PI : Power Input

| Combination, %<br>(Capacity index) | Outdoor<br>temperature<br>(°C, DB) |       | Indoor temperature (°C, DB) |      |      |      |      |      |      |      |      |      |
|------------------------------------|------------------------------------|-------|-----------------------------|------|------|------|------|------|------|------|------|------|
|                                    |                                    |       | 16                          |      | 18   |      | 20   |      | 22   |      | 24   |      |
|                                    | DB                                 | WB    | TC                          | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   |
| 50                                 | -25.0                              | -25.1 | 4.80                        | 2.96 | 4.30 | 2.78 | 3.90 | 2.46 | 3.40 | 2.27 | 2.90 | 1.92 |
|                                    | -22.0                              | -22.2 | 5.60                        | 3.08 | 5.20 | 2.91 | 4.80 | 2.58 | 4.30 | 2.39 | 3.80 | 2.05 |
|                                    | -20.0                              | -20.2 | 6.20                        | 3.16 | 5.80 | 2.99 | 5.40 | 2.66 | 4.90 | 2.47 | 4.40 | 2.13 |
|                                    | -17.0                              | -17.3 | 7.10                        | 3.29 | 6.60 | 3.11 | 6.20 | 2.78 | 5.70 | 2.60 | 5.20 | 2.25 |
|                                    | -15.0                              | -15.3 | 7.60                        | 3.37 | 7.20 | 3.19 | 6.80 | 2.87 | 6.30 | 2.68 | 5.80 | 2.33 |
|                                    | -12.0                              | -12.4 | 8.50                        | 3.49 | 8.10 | 3.32 | 7.70 | 2.99 | 7.20 | 2.80 | 6.70 | 2.46 |
|                                    | -10.0                              | -10.5 | 9.10                        | 3.57 | 8.60 | 3.40 | 8.00 | 3.07 | 7.40 | 2.73 | 6.70 | 2.40 |
|                                    | -7.0                               | -7.6  | 9.10                        | 3.34 | 8.60 | 3.02 | 8.00 | 2.73 | 7.40 | 2.43 | 6.70 | 2.14 |
|                                    | -5.0                               | -5.6  | 9.10                        | 3.10 | 8.60 | 2.80 | 8.00 | 2.53 | 7.40 | 2.26 | 6.70 | 1.98 |
|                                    | -3.0                               | -3.7  | 9.10                        | 2.87 | 8.60 | 2.60 | 8.00 | 2.35 | 7.40 | 2.10 | 6.70 | 1.85 |
|                                    | 0.0                                | -0.7  | 9.10                        | 2.58 | 8.60 | 2.34 | 8.00 | 2.12 | 7.40 | 1.89 | 6.70 | 1.67 |
|                                    | 3.0                                | 2.2   | 9.10                        | 2.34 | 8.60 | 2.12 | 8.00 | 1.92 | 7.40 | 1.72 | 6.70 | 1.51 |
|                                    | 5.0                                | 4.1   | 9.10                        | 2.20 | 8.60 | 1.99 | 8.00 | 1.81 | 7.40 | 1.62 | 6.70 | 1.43 |
|                                    | 7.0                                | 6.0   | 9.10                        | 2.07 | 8.60 | 1.88 | 8.00 | 1.71 | 7.40 | 1.53 | 6.70 | 1.35 |
|                                    | 9.0                                | 7.9   | 9.10                        | 1.96 | 8.60 | 1.78 | 8.00 | 1.63 | 7.40 | 1.46 | 6.70 | 1.29 |
|                                    | 11.0                               | 9.8   | 9.10                        | 1.87 | 8.60 | 1.70 | 8.00 | 1.55 | 7.40 | 1.39 | 6.70 | 1.23 |
|                                    | 13.0                               | 11.8  | 9.10                        | 1.79 | 8.60 | 1.63 | 8.00 | 1.49 | 7.40 | 1.33 | 6.70 | 1.18 |
|                                    | 15.0                               | 13.7  | 9.10                        | 1.72 | 8.60 | 1.56 | 8.00 | 1.43 | 7.40 | 1.28 | 6.70 | 1.14 |

### NOTE

- The performance table shows the average value of each conditions.

# 10. Capacity Table

## Outdoor units

AM060DXMD\*G/EU

### Heating

TC : Total Capacity, PI : Power Input

| Combination, %<br>(Capacity index) | Outdoor<br>temperature<br>(°C, DB) |       | Indoor temperature (°C, DB) |      |       |      |       |      |       |      |       |      |
|------------------------------------|------------------------------------|-------|-----------------------------|------|-------|------|-------|------|-------|------|-------|------|
|                                    |                                    |       | 16                          |      | 18    |      | 20    |      | 22    |      | 24    |      |
|                                    | DB                                 | WB    | TC                          | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 130                                | -25.0                              | -25.1 | 10.60                       | 4.09 | 10.30 | 4.34 | 10.00 | 4.74 | 9.60  | 4.99 | 9.20  | 5.39 |
|                                    | -22.0                              | -22.2 | 12.60                       | 4.54 | 12.20 | 4.79 | 11.90 | 5.19 | 11.50 | 5.44 | 11.20 | 5.84 |
|                                    | -20.0                              | -20.2 | 13.90                       | 4.84 | 13.50 | 5.09 | 13.20 | 5.49 | 12.80 | 5.74 | 12.50 | 6.14 |
|                                    | -17.0                              | -17.3 | 15.80                       | 5.29 | 15.50 | 5.54 | 15.20 | 5.94 | 14.80 | 6.19 | 13.70 | 6.39 |
|                                    | -15.0                              | -15.3 | 17.10                       | 5.59 | 16.80 | 5.84 | 16.40 | 6.24 | 15.70 | 6.39 | 14.40 | 6.49 |
|                                    | -12.0                              | -12.4 | 19.00                       | 6.04 | 18.70 | 6.29 | 17.70 | 6.49 | 16.60 | 6.54 | 15.40 | 6.64 |
|                                    | -10.0                              | -10.5 | 20.30                       | 6.34 | 19.50 | 6.49 | 18.40 | 6.59 | 17.30 | 6.64 | 16.00 | 6.74 |
|                                    | -7.0                               | -7.6  | 21.50                       | 6.59 | 20.40 | 6.64 | 19.30 | 6.74 | 18.20 | 6.79 | 17.00 | 6.89 |
|                                    | -5.0                               | -5.6  | 22.20                       | 6.69 | 21.10 | 6.74 | 20.00 | 6.84 | 18.90 | 6.89 | 17.60 | 6.99 |
|                                    | -3.0                               | -3.7  | 22.80                       | 6.79 | 21.70 | 6.84 | 20.60 | 6.94 | 19.50 | 6.99 | 18.30 | 7.09 |
|                                    | 0.0                                | -0.7  | 23.80                       | 6.94 | 22.70 | 6.99 | 21.60 | 7.09 | 20.50 | 7.14 | 19.30 | 7.24 |
|                                    | 3.0                                | 2.2   | 24.80                       | 7.09 | 23.70 | 7.14 | 22.60 | 7.24 | 21.20 | 7.29 | 19.60 | 7.29 |
|                                    | 5.0                                | 4.1   | 25.40                       | 7.19 | 24.30 | 7.24 | 22.90 | 7.29 | 21.40 | 7.29 | 19.70 | 6.91 |
|                                    | 7.0                                | 6.0   | 25.90                       | 7.29 | 24.40 | 7.29 | 23.00 | 7.29 | 21.50 | 7.26 | 19.70 | 6.44 |
| 120                                | 9.0                                | 7.9   | 26.10                       | 7.29 | 24.60 | 7.29 | 23.20 | 7.29 | 21.50 | 6.78 | 19.70 | 6.03 |
|                                    | 11.0                               | 9.8   | 26.20                       | 7.29 | 24.80 | 7.29 | 23.40 | 7.09 | 21.50 | 6.36 | 19.70 | 5.66 |
|                                    | 13.0                               | 11.8  | 26.40                       | 7.29 | 25.00 | 7.29 | 23.40 | 6.65 | 21.50 | 5.98 | 19.70 | 5.33 |
|                                    | 15.0                               | 13.7  | 26.60                       | 7.29 | 25.00 | 6.86 | 23.40 | 6.27 | 21.50 | 5.64 | 19.70 | 5.05 |
|                                    | -25.0                              | -25.1 | 10.20                       | 4.49 | 9.90  | 4.74 | 9.60  | 4.89 | 9.30  | 5.29 | 8.90  | 5.33 |
|                                    | -22.0                              | -22.2 | 12.20                       | 4.94 | 11.90 | 5.19 | 11.60 | 5.34 | 11.20 | 5.74 | 10.90 | 5.78 |
|                                    | -20.0                              | -20.2 | 13.50                       | 5.24 | 13.20 | 5.49 | 12.80 | 5.64 | 12.50 | 6.04 | 11.90 | 6.08 |
|                                    | -17.0                              | -17.3 | 15.40                       | 5.69 | 15.10 | 5.94 | 14.80 | 6.09 | 14.00 | 6.39 | 12.90 | 6.23 |
|                                    | -15.0                              | -15.3 | 16.70                       | 5.99 | 16.40 | 6.24 | 15.80 | 6.39 | 14.60 | 6.49 | 13.60 | 6.33 |
|                                    | -12.0                              | -12.4 | 18.60                       | 6.44 | 17.70 | 6.49 | 16.80 | 6.54 | 15.60 | 6.64 | 14.50 | 6.48 |
|                                    | -10.0                              | -10.5 | 19.20                       | 6.54 | 18.30 | 6.59 | 17.40 | 6.64 | 16.30 | 6.74 | 15.20 | 6.58 |
|                                    | -7.0                               | -7.6  | 20.20                       | 6.69 | 19.30 | 6.74 | 18.40 | 6.79 | 17.20 | 6.89 | 16.20 | 6.73 |
|                                    | -5.0                               | -5.6  | 20.90                       | 6.79 | 19.90 | 6.84 | 19.00 | 6.89 | 17.90 | 6.99 | 16.80 | 6.83 |
|                                    | -3.0                               | -3.7  | 21.50                       | 6.89 | 20.60 | 6.94 | 19.70 | 6.99 | 18.50 | 7.09 | 17.50 | 6.93 |
|                                    | 0.0                                | -0.7  | 22.50                       | 7.04 | 21.60 | 7.09 | 20.70 | 7.14 | 19.50 | 7.24 | 18.10 | 7.08 |
| 110                                | 3.0                                | 2.2   | 23.50                       | 7.19 | 22.50 | 7.24 | 21.30 | 7.29 | 19.90 | 7.14 | 18.10 | 6.32 |
|                                    | 5.0                                | 4.1   | 24.00                       | 7.29 | 22.80 | 7.29 | 21.50 | 7.29 | 19.90 | 6.64 | 18.10 | 5.88 |
|                                    | 7.0                                | 6.0   | 24.20                       | 7.29 | 22.90 | 7.29 | 21.60 | 6.92 | 19.90 | 6.18 | 18.10 | 5.49 |
|                                    | 9.0                                | 7.9   | 24.40                       | 7.29 | 23.10 | 7.13 | 21.60 | 6.46 | 19.90 | 5.78 | 18.10 | 5.15 |
|                                    | 11.0                               | 9.8   | 24.50                       | 7.29 | 23.10 | 6.67 | 21.60 | 6.06 | 19.90 | 5.43 | 18.10 | 4.84 |
|                                    | 13.0                               | 11.8  | 24.60                       | 6.85 | 23.10 | 6.26 | 21.60 | 5.70 | 19.90 | 5.11 | 18.10 | 4.57 |
|                                    | 15.0                               | 13.7  | 24.60                       | 6.44 | 23.10 | 5.90 | 21.60 | 5.38 | 19.90 | 4.84 | 18.10 | 4.33 |
|                                    | -25.0                              | -25.1 | 9.80                        | 4.79 | 9.50  | 5.04 | 9.20  | 5.29 | 8.90  | 5.03 | 8.20  | 4.92 |
|                                    | -22.0                              | -22.2 | 11.70                       | 5.24 | 11.50 | 5.49 | 11.20 | 5.74 | 10.90 | 5.48 | 10.10 | 5.37 |
|                                    | -20.0                              | -20.2 | 13.00                       | 5.54 | 12.80 | 5.79 | 12.50 | 6.04 | 12.00 | 5.78 | 10.90 | 5.57 |
|                                    | -17.0                              | -17.3 | 15.00                       | 5.99 | 14.70 | 6.24 | 14.00 | 6.39 | 13.00 | 5.93 | 11.80 | 5.72 |
|                                    | -15.0                              | -15.3 | 16.30                       | 6.29 | 15.60 | 6.44 | 14.70 | 6.49 | 13.60 | 6.03 | 12.50 | 5.82 |
|                                    | -12.0                              | -12.4 | 17.40                       | 6.54 | 16.60 | 6.59 | 15.60 | 6.64 | 14.60 | 6.18 | 13.40 | 5.97 |
|                                    | -10.0                              | -10.5 | 18.00                       | 6.64 | 17.20 | 6.69 | 16.30 | 6.74 | 15.20 | 6.28 | 14.10 | 6.07 |
|                                    | -7.0                               | -7.6  | 19.00                       | 6.79 | 18.20 | 6.84 | 17.30 | 6.89 | 16.20 | 6.43 | 15.10 | 6.22 |
| 100                                | -5.0                               | -5.6  | 19.60                       | 6.89 | 18.80 | 6.94 | 17.90 | 6.99 | 16.90 | 6.53 | 15.70 | 6.32 |
|                                    | -3.0                               | -3.7  | 20.30                       | 6.99 | 19.50 | 7.04 | 18.60 | 7.09 | 17.50 | 6.63 | 16.40 | 6.42 |
|                                    | 0.0                                | -0.7  | 21.30                       | 7.14 | 20.40 | 7.19 | 19.50 | 7.24 | 18.20 | 6.78 | 16.60 | 5.99 |
|                                    | 3.0                                | 2.2   | 22.20                       | 7.29 | 21.10 | 7.29 | 19.80 | 6.80 | 18.20 | 6.06 | 16.60 | 5.36 |
|                                    | 5.0                                | 4.1   | 22.40                       | 7.29 | 21.20 | 6.99 | 19.80 | 6.32 | 18.20 | 5.64 | 16.60 | 5.00 |
|                                    | 7.0                                | 6.0   | 22.60                       | 7.15 | 21.20 | 6.50 | 19.80 | 5.89 | 18.20 | 5.26 | 16.60 | 4.67 |
|                                    | 9.0                                | 7.9   | 22.60                       | 6.67 | 21.20 | 6.07 | 19.80 | 5.51 | 18.20 | 4.93 | 16.60 | 4.39 |
|                                    | 11.0                               | 9.8   | 22.60                       | 6.25 | 21.20 | 5.69 | 19.80 | 5.18 | 18.20 | 4.64 | 16.60 | 4.13 |
|                                    | 13.0                               | 11.8  | 22.60                       | 5.87 | 21.20 | 5.36 | 19.80 | 4.88 | 18.20 | 4.38 | 16.60 | 3.91 |
|                                    | 15.0                               | 13.7  | 22.60                       | 5.53 | 21.20 | 5.06 | 19.80 | 4.62 | 18.20 | 4.15 | 16.60 | 3.72 |
|                                    | -25.0                              | -25.1 | 9.40                        | 5.03 | 9.10  | 4.87 | 8.90  | 5.14 | 8.20  | 4.64 | 7.40  | 4.27 |
|                                    | -22.0                              | -22.2 | 11.30                       | 5.48 | 11.10 | 5.32 | 10.80 | 5.59 | 10.10 | 5.09 | 9.10  | 4.72 |
|                                    | -20.0                              | -20.2 | 12.60                       | 5.78 | 12.40 | 5.62 | 11.80 | 5.75 | 10.80 | 5.29 | 9.80  | 4.82 |
|                                    | -17.0                              | -17.3 | 14.60                       | 6.23 | 13.70 | 5.97 | 12.80 | 5.90 | 11.80 | 5.44 | 10.70 | 4.97 |
|                                    | -15.0                              | -15.3 | 15.30                       | 6.43 | 14.40 | 6.07 | 13.50 | 6.00 | 12.40 | 5.54 | 11.40 | 5.07 |
|                                    | -12.0                              | -12.4 | 16.30                       | 6.58 | 15.30 | 6.22 | 14.40 | 6.15 | 13.40 | 5.69 | 12.40 | 5.22 |
|                                    | -10.0                              | -10.5 | 16.90                       | 6.68 | 16.00 | 6.32 | 15.10 | 6.25 | 14.00 | 5.79 | 13.00 | 5.32 |
|                                    | -7.0                               | -7.6  | 17.90                       | 6.83 | 17.00 | 6.47 | 16.10 | 6.40 | 15.00 | 5.94 | 14.00 | 5.47 |
|                                    | -5.0                               | -5.6  | 18.50                       | 6.93 | 17.60 | 6.57 | 16.70 | 6.50 | 15.70 | 6.04 | 14.60 | 5.57 |
|                                    | -3.0                               | -3.7  | 19.20                       | 7.03 | 18.30 | 6.67 | 17.40 | 6.60 | 16.30 | 6.14 | 15.10 | 5.67 |
|                                    | 0.0                                | -0.7  | 20.10                       | 7.18 | 19.20 | 6.82 | 18.00 | 6.45 | 16.60 | 5.74 | 15.10 | 5.06 |
|                                    | 3.0                                | 2.2   | 20.50                       | 7.01 | 19.30 | 6.37 | 18.00 | 5.76 | 16.60 | 5.13 | 15.10 | 4.54 |
|                                    | 5.0                                | 4.1   | 20.50                       | 6.51 | 19.30 | 5.92 | 18.00 | 5.36 | 16.60 | 4.78 | 15.10 | 4.23 |
|                                    | 7.0                                | 6.0   | 20.50                       | 6.06 | 19.30 | 5.52 | 18.00 | 5.00 | 16.60 | 4.47 | 15.10 | 3.96 |
|                                    | 9.0                                | 7.9   | 20.50                       | 5.67 | 19.30 | 5.17 | 18.00 | 4.69 | 16.60 | 4.20 | 15.10 | 3.73 |
|                                    | 11.0                               | 9.8   | 20.50                       | 5.32 | 19.30 | 4.86 | 18.00 | 4.41 | 16.60 | 3.96 | 15.10 | 3.52 |
|                                    | 13.0                               | 11.8  | 20.50                       | 5.00 | 19.30 | 4.58 | 18.00 | 4.16 | 16.60 | 3.74 | 15.10 | 3.34 |
|                                    | 15.0                               | 13.7  | 20.50                       | 4.73 | 19.30 | 4.33 | 18.00 | 3.95 | 16.60 | 3.56 | 15.10 | 3.18 |

# 10. Capacity Table

## Outdoor units

AM060DXMD\*G/EU

### Heating

TC : Total Capacity, PI : Power Input

| Combination, %<br>(Capacity index) | Outdoor<br>temperature<br>(°C, DB) |       | Indoor temperature (°C, DB) |      |       |      |       |      |       |      |       |      |
|------------------------------------|------------------------------------|-------|-----------------------------|------|-------|------|-------|------|-------|------|-------|------|
|                                    |                                    |       | 16                          |      | 18    |      | 20    |      | 22    |      | 24    |      |
|                                    | DB                                 | WB    | TC                          | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 90                                 | -25.0                              | -25.1 | 9.00                        | 5.03 | 8.60  | 4.77 | 8.00  | 4.54 | 7.30  | 4.23 | 6.70  | 3.82 |
|                                    | -22.0                              | -22.2 | 10.90                       | 5.48 | 10.50 | 5.22 | 9.90  | 4.99 | 9.00  | 4.58 | 8.00  | 4.17 |
|                                    | -20.0                              | -20.2 | 12.20                       | 5.78 | 11.40 | 5.42 | 10.50 | 5.09 | 9.60  | 4.68 | 8.70  | 4.27 |
|                                    | -17.0                              | -17.3 | 13.20                       | 5.93 | 12.30 | 5.57 | 11.50 | 5.24 | 10.60 | 4.83 | 9.60  | 4.42 |
|                                    | -15.0                              | -15.3 | 13.80                       | 6.03 | 13.00 | 5.67 | 12.20 | 5.34 | 11.20 | 4.93 | 10.30 | 4.52 |
|                                    | -12.0                              | -12.4 | 14.80                       | 6.18 | 14.00 | 5.82 | 13.10 | 5.49 | 12.20 | 5.08 | 11.30 | 4.67 |
|                                    | -10.0                              | -10.5 | 15.40                       | 6.28 | 14.60 | 5.92 | 13.80 | 5.59 | 12.80 | 5.18 | 11.90 | 4.77 |
|                                    | -7.0                               | -7.6  | 16.40                       | 6.43 | 15.60 | 6.07 | 14.80 | 5.74 | 13.80 | 5.33 | 12.90 | 4.92 |
|                                    | -5.0                               | -5.6  | 17.00                       | 6.53 | 16.20 | 6.17 | 15.40 | 5.84 | 14.50 | 5.43 | 13.50 | 5.02 |
|                                    | -3.0                               | -3.7  | 17.70                       | 6.63 | 16.90 | 6.27 | 16.10 | 5.94 | 14.90 | 5.53 | 13.60 | 4.88 |
|                                    | 0.0                                | -0.7  | 18.50                       | 6.78 | 17.30 | 6.13 | 16.20 | 5.55 | 14.90 | 4.93 | 13.60 | 4.36 |
|                                    | 3.0                                | 2.2   | 18.50                       | 6.05 | 17.30 | 5.49 | 16.20 | 4.97 | 14.90 | 4.42 | 13.60 | 3.92 |
|                                    | 5.0                                | 4.1   | 18.50                       | 5.63 | 17.30 | 5.11 | 16.20 | 4.63 | 14.90 | 4.12 | 13.60 | 3.66 |
|                                    | 7.0                                | 6.0   | 18.50                       | 5.25 | 17.30 | 4.77 | 16.20 | 4.33 | 14.90 | 3.86 | 13.60 | 3.43 |
| 80                                 | 9.0                                | 7.9   | 18.50                       | 4.92 | 17.30 | 4.48 | 16.20 | 4.07 | 14.90 | 3.63 | 13.60 | 3.23 |
|                                    | 11.0                               | 9.8   | 18.50                       | 4.63 | 17.30 | 4.22 | 16.20 | 3.84 | 14.90 | 3.43 | 13.60 | 3.06 |
|                                    | 13.0                               | 11.8  | 18.50                       | 4.37 | 17.30 | 3.99 | 16.20 | 3.63 | 14.90 | 3.25 | 13.60 | 2.91 |
|                                    | 15.0                               | 13.7  | 18.50                       | 4.14 | 17.30 | 3.78 | 16.20 | 3.45 | 14.90 | 3.10 | 13.60 | 2.77 |
|                                    | -25.0                              | -25.1 | 8.10                        | 4.66 | 7.60  | 4.46 | 7.10  | 4.24 | 6.50  | 3.98 | 5.90  | 3.61 |
|                                    | -22.0                              | -22.2 | 10.00                       | 5.11 | 9.30  | 4.91 | 8.60  | 4.59 | 7.80  | 4.23 | 6.90  | 3.86 |
|                                    | -20.0                              | -20.2 | 10.70                       | 5.31 | 10.00 | 5.01 | 9.20  | 4.69 | 8.40  | 4.33 | 7.60  | 3.96 |
|                                    | -17.0                              | -17.3 | 11.70                       | 5.46 | 10.90 | 5.16 | 10.20 | 4.84 | 9.40  | 4.48 | 8.60  | 4.11 |
|                                    | -15.0                              | -15.3 | 12.30                       | 5.56 | 11.60 | 5.26 | 10.90 | 4.94 | 10.00 | 4.58 | 9.20  | 4.21 |
|                                    | -12.0                              | -12.4 | 13.30                       | 5.71 | 12.60 | 5.41 | 11.80 | 5.09 | 11.00 | 4.73 | 10.20 | 4.36 |
|                                    | -10.0                              | -10.5 | 13.90                       | 5.81 | 13.20 | 5.51 | 12.50 | 5.19 | 11.70 | 4.83 | 10.80 | 4.46 |
|                                    | -7.0                               | -7.6  | 14.90                       | 5.96 | 14.20 | 5.66 | 13.50 | 5.34 | 12.60 | 4.98 | 11.80 | 4.61 |
|                                    | -5.0                               | -5.6  | 15.60                       | 6.06 | 14.80 | 5.76 | 14.10 | 5.44 | 13.30 | 5.08 | 12.10 | 4.48 |
|                                    | -3.0                               | -3.7  | 16.20                       | 6.16 | 15.40 | 5.86 | 14.40 | 5.28 | 13.30 | 4.70 | 12.10 | 4.15 |
| 70                                 | 0.0                                | -0.7  | 16.40                       | 5.76 | 15.40 | 5.23 | 14.40 | 4.72 | 13.30 | 4.20 | 12.10 | 3.72 |
|                                    | 3.0                                | 2.2   | 16.40                       | 5.15 | 15.40 | 4.69 | 14.40 | 4.23 | 13.30 | 3.78 | 12.10 | 3.34 |
|                                    | 5.0                                | 4.1   | 16.40                       | 4.80 | 15.40 | 4.37 | 14.40 | 3.95 | 13.30 | 3.53 | 12.10 | 3.13 |
|                                    | 7.0                                | 6.0   | 16.40                       | 4.49 | 15.40 | 4.09 | 14.40 | 3.70 | 13.30 | 3.31 | 12.10 | 2.94 |
|                                    | 9.0                                | 7.9   | 16.40                       | 4.22 | 15.40 | 3.85 | 14.40 | 3.48 | 13.30 | 3.12 | 12.10 | 2.78 |
|                                    | 11.0                               | 9.8   | 16.40                       | 3.98 | 15.40 | 3.63 | 14.40 | 3.29 | 13.30 | 2.95 | 12.10 | 2.63 |
|                                    | 13.0                               | 11.8  | 16.40                       | 3.76 | 15.40 | 3.44 | 14.40 | 3.12 | 13.30 | 2.81 | 12.10 | 2.51 |
|                                    | 15.0                               | 13.7  | 16.40                       | 3.58 | 15.40 | 3.27 | 14.40 | 2.98 | 13.30 | 2.68 | 12.10 | 2.40 |
|                                    | -25.0                              | -25.1 | 7.10                        | 4.38 | 6.60  | 3.85 | 6.20  | 3.69 | 5.60  | 3.47 | 4.90  | 3.16 |
|                                    | -22.0                              | -22.2 | 8.60                        | 4.73 | 7.90  | 4.20 | 7.30  | 3.94 | 6.60  | 3.62 | 5.80  | 3.31 |
|                                    | -20.0                              | -20.2 | 9.20                        | 4.83 | 8.60  | 4.30 | 7.90  | 4.04 | 7.20  | 3.72 | 6.50  | 3.41 |
|                                    | -17.0                              | -17.3 | 10.20                       | 4.98 | 9.50  | 4.45 | 8.90  | 4.19 | 8.20  | 3.87 | 7.50  | 3.56 |
|                                    | -15.0                              | -15.3 | 10.80                       | 5.08 | 10.20 | 4.55 | 9.60  | 4.29 | 8.80  | 3.97 | 8.10  | 3.66 |
|                                    | -12.0                              | -12.4 | 11.80                       | 5.23 | 11.20 | 4.70 | 10.50 | 4.44 | 9.80  | 4.12 | 9.10  | 3.81 |
|                                    | -10.0                              | -10.5 | 12.50                       | 5.33 | 11.80 | 4.80 | 11.20 | 4.54 | 10.50 | 4.22 | 9.70  | 3.91 |
| 60                                 | -7.0                               | -7.6  | 13.40                       | 5.48 | 12.80 | 4.95 | 12.20 | 4.69 | 11.40 | 4.37 | 10.60 | 4.06 |
|                                    | -5.0                               | -5.6  | 14.10                       | 5.58 | 13.40 | 5.05 | 12.60 | 4.79 | 11.60 | 4.25 | 10.60 | 3.76 |
|                                    | -3.0                               | -3.7  | 14.40                       | 5.41 | 13.50 | 4.91 | 12.60 | 4.43 | 11.60 | 3.93 | 10.60 | 3.48 |
|                                    | 0.0                                | -0.7  | 14.40                       | 4.83 | 13.50 | 4.38 | 12.60 | 3.96 | 11.60 | 3.52 | 10.60 | 3.12 |
|                                    | 3.0                                | 2.2   | 14.40                       | 4.33 | 13.50 | 3.94 | 12.60 | 3.57 | 11.60 | 3.17 | 10.60 | 2.81 |
|                                    | 5.0                                | 4.1   | 14.40                       | 4.05 | 13.50 | 3.68 | 12.60 | 3.34 | 11.60 | 2.97 | 10.60 | 2.64 |
|                                    | 7.0                                | 6.0   | 14.40                       | 3.79 | 13.50 | 3.45 | 12.60 | 3.13 | 11.60 | 2.79 | 10.60 | 2.48 |
|                                    | 9.0                                | 7.9   | 14.40                       | 3.57 | 13.50 | 3.25 | 12.60 | 2.95 | 11.60 | 2.64 | 10.60 | 2.35 |
|                                    | 11.0                               | 9.8   | 14.40                       | 3.37 | 13.50 | 3.08 | 12.60 | 2.80 | 11.60 | 2.50 | 10.60 | 2.23 |
|                                    | 13.0                               | 11.8  | 14.40                       | 3.20 | 13.50 | 2.92 | 12.60 | 2.66 | 11.60 | 2.38 | 10.60 | 2.12 |
|                                    | 15.0                               | 13.7  | 14.40                       | 3.05 | 13.50 | 2.79 | 12.60 | 2.54 | 11.60 | 2.28 | 10.60 | 2.03 |
|                                    | -25.0                              | -25.1 | 6.00                        | 3.70 | 5.60  | 3.56 | 5.00  | 3.34 | 4.40  | 2.87 | 3.80  | 2.61 |
|                                    | -22.0                              | -22.2 | 7.10                        | 3.95 | 6.50  | 3.71 | 6.00  | 3.49 | 5.40  | 3.02 | 4.70  | 2.76 |
|                                    | -20.0                              | -20.2 | 7.70                        | 4.05 | 7.20  | 3.81 | 6.60  | 3.59 | 6.00  | 3.12 | 5.40  | 2.86 |
|                                    | -17.0                              | -17.3 | 8.70                        | 4.20 | 8.20  | 3.96 | 7.60  | 3.74 | 7.00  | 3.27 | 6.40  | 3.01 |
|                                    | -15.0                              | -15.3 | 9.40                        | 4.30 | 8.80  | 4.06 | 8.30  | 3.84 | 7.60  | 3.37 | 7.00  | 3.11 |
|                                    | -12.0                              | -12.4 | 10.30                       | 4.45 | 9.80  | 4.21 | 9.20  | 3.99 | 8.60  | 3.52 | 8.00  | 3.26 |
|                                    | -10.0                              | -10.5 | 11.00                       | 4.55 | 10.40 | 4.31 | 9.90  | 4.09 | 9.30  | 3.62 | 8.60  | 3.36 |
|                                    | -7.0                               | -7.6  | 11.90                       | 4.70 | 11.40 | 4.46 | 10.80 | 4.24 | 9.90  | 3.77 | 9.10  | 3.32 |
|                                    | -5.0                               | -5.6  | 12.30                       | 4.80 | 11.60 | 4.34 | 10.80 | 3.92 | 9.90  | 3.49 | 9.10  | 3.08 |
|                                    | -3.0                               | -3.7  | 12.30                       | 4.44 | 11.60 | 4.02 | 10.80 | 3.64 | 9.90  | 3.23 | 9.10  | 2.86 |
|                                    | 0.0                                | -0.7  | 12.30                       | 3.97 | 11.60 | 3.60 | 10.80 | 3.26 | 9.90  | 2.90 | 9.10  | 2.56 |
|                                    | 3.0                                | 2.2   | 12.30                       | 3.57 | 11.60 | 3.24 | 10.80 | 2.94 | 9.90  | 2.62 | 9.10  | 2.32 |
|                                    | 5.0                                | 4.1   | 12.30                       | 3.34 | 11.60 | 3.03 | 10.80 | 2.75 | 9.90  | 2.45 | 9.10  | 2.18 |
|                                    | 7.0                                | 6.0   | 12.30                       | 3.14 | 11.60 | 2.85 | 10.80 | 2.59 | 9.90  | 2.31 | 9.10  | 2.05 |
|                                    | 9.0                                | 7.9   | 12.30                       | 2.96 | 11.60 | 2.69 | 10.80 | 2.45 | 9.90  | 2.19 | 9.10  | 1.94 |
|                                    | 11.0                               | 9.8   | 12.30                       | 2.81 | 11.60 | 2.55 | 10.80 | 2.33 | 9.90  | 2.08 | 9.10  | 1.85 |
|                                    | 13.0                               | 11.8  | 12.30                       | 2.67 | 11.60 | 2.43 | 10.80 | 2.22 | 9.90  | 1.98 | 9.10  | 1.77 |
|                                    | 15.0                               | 13.7  | 12.30                       | 2.55 | 11.60 | 2.33 | 10.80 | 2.12 | 9.90  | 1.90 | 9.10  | 1.69 |

# 10. Capacity Table

## Outdoor units

AM060DXMD\*G/EU

### Heating

TC : Total Capacity, PI : Power Input

| Combination, %<br>(Capacity index) | Outdoor<br>temperature<br>(°C, DB) |       | Indoor temperature (°C, DB) |      |      |      |      |      |      |      |      |      |
|------------------------------------|------------------------------------|-------|-----------------------------|------|------|------|------|------|------|------|------|------|
|                                    |                                    |       | 16                          |      | 18   |      | 20   |      | 22   |      | 24   |      |
|                                    | DB                                 | WB    | TC                          | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   |
| 50                                 | -25.0                              | -25.1 | 4.60                        | 3.23 | 4.20 | 3.04 | 3.70 | 2.65 | 3.20 | 2.44 | 2.70 | 2.06 |
|                                    | -22.0                              | -22.2 | 5.60                        | 3.38 | 5.10 | 3.19 | 4.70 | 2.80 | 4.20 | 2.59 | 3.60 | 2.21 |
|                                    | -20.0                              | -20.2 | 6.20                        | 3.48 | 5.80 | 3.29 | 5.30 | 2.90 | 4.80 | 2.69 | 4.30 | 2.31 |
|                                    | -17.0                              | -17.3 | 7.20                        | 3.63 | 6.80 | 3.44 | 6.30 | 3.05 | 5.80 | 2.84 | 5.30 | 2.46 |
|                                    | -15.0                              | -15.3 | 7.90                        | 3.73 | 7.40 | 3.54 | 7.00 | 3.15 | 6.40 | 2.94 | 5.90 | 2.56 |
|                                    | -12.0                              | -12.4 | 8.80                        | 3.88 | 8.40 | 3.69 | 7.90 | 3.30 | 7.40 | 3.09 | 6.90 | 2.71 |
|                                    | -10.0                              | -10.5 | 9.50                        | 3.98 | 9.00 | 3.79 | 8.60 | 3.40 | 8.10 | 3.19 | 7.50 | 2.81 |
|                                    | -7.0                               | -7.6  | 10.30                       | 4.13 | 9.60 | 3.74 | 9.00 | 3.36 | 8.30 | 3.00 | 7.60 | 2.65 |
|                                    | -5.0                               | -5.6  | 10.30                       | 3.82 | 9.60 | 3.46 | 9.00 | 3.12 | 8.30 | 2.78 | 7.60 | 2.45 |
|                                    | -3.0                               | -3.7  | 10.30                       | 3.55 | 9.60 | 3.21 | 9.00 | 2.89 | 8.30 | 2.58 | 7.60 | 2.28 |
|                                    | 0.0                                | -0.7  | 10.30                       | 3.18 | 9.60 | 2.88 | 9.00 | 2.60 | 8.30 | 2.32 | 7.60 | 2.05 |
|                                    | 3.0                                | 2.2   | 10.30                       | 2.87 | 9.60 | 2.60 | 9.00 | 2.35 | 8.30 | 2.10 | 7.60 | 1.86 |
|                                    | 5.0                                | 4.1   | 10.30                       | 2.69 | 9.60 | 2.44 | 9.00 | 2.21 | 8.30 | 1.97 | 7.60 | 1.75 |
|                                    | 7.0                                | 6.0   | 10.30                       | 2.53 | 9.60 | 2.30 | 9.00 | 2.08 | 8.30 | 1.86 | 7.60 | 1.65 |
|                                    | 9.0                                | 7.9   | 10.30                       | 2.39 | 9.60 | 2.18 | 9.00 | 1.97 | 8.30 | 1.76 | 7.60 | 1.57 |
|                                    | 11.0                               | 9.8   | 10.30                       | 2.27 | 9.60 | 2.07 | 9.00 | 1.88 | 8.30 | 1.68 | 7.60 | 1.49 |
|                                    | 13.0                               | 11.8  | 10.30                       | 2.17 | 9.60 | 1.98 | 9.00 | 1.79 | 8.30 | 1.61 | 7.60 | 1.43 |
|                                    | 15.0                               | 13.7  | 10.30                       | 2.08 | 9.60 | 1.90 | 9.00 | 1.72 | 8.30 | 1.55 | 7.60 | 1.38 |

### NOTE

- The performance table shows the average value of each conditions.

# 11. Capacity Correction

## Outdoor units

AM040DXMDKG/EU, AM040DXMDNG/EU

### Cooling



|                     |     | Pipe Length (m) |      |      |      |      |      |      |      |      |      |      |
|---------------------|-----|-----------------|------|------|------|------|------|------|------|------|------|------|
|                     |     | 7.5             | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  |
| Level Difference(m) | 30  | -               | -    | -    | 0.96 | 0.95 | 0.94 | 0.92 | 0.91 | 0.90 | 0.88 | 0.87 |
|                     | 20  | -               | -    | 0.98 | 0.96 | 0.95 | 0.94 | 0.92 | 0.91 | 0.90 | 0.88 | 0.87 |
|                     | 10  | -               | 0.99 | 0.98 | 0.97 | 0.95 | 0.94 | 0.92 | 0.91 | 0.90 | 0.89 | 0.87 |
|                     | 0   | 1.00            | 1.00 | 0.98 | 0.97 | 0.95 | 0.94 | 0.93 | 0.91 | 0.90 | 0.89 | 0.88 |
|                     | -10 | -               | 1.00 | 0.98 | 0.97 | 0.95 | 0.94 | 0.93 | 0.92 | 0.90 | 0.89 | 0.88 |
|                     | -20 | -               | -    | 0.98 | 0.97 | 0.96 | 0.94 | 0.93 | 0.92 | 0.90 | 0.89 | 0.88 |
|                     | -30 | -               | -    | -    | 0.97 | 0.96 | 0.94 | 0.93 | 0.92 | 0.91 | 0.89 | 0.88 |

### Heating



|                     |     | Pipe Length (m) |      |      |      |      |      |      |      |      |      |      |
|---------------------|-----|-----------------|------|------|------|------|------|------|------|------|------|------|
|                     |     | 7.5             | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  |
| Level Difference(m) | 30  | -               | -    | -    | 0.98 | 0.98 | 0.97 | 0.96 | 0.96 | 0.95 | 0.94 | 0.94 |
|                     | 20  | -               | -    | 0.99 | 0.98 | 0.98 | 0.97 | 0.96 | 0.96 | 0.95 | 0.94 | 0.94 |
|                     | 10  | -               | 1.00 | 0.99 | 0.98 | 0.98 | 0.97 | 0.96 | 0.96 | 0.95 | 0.94 | 0.94 |
|                     | 0   | 1.00            | 1.00 | 0.99 | 0.98 | 0.98 | 0.97 | 0.96 | 0.96 | 0.95 | 0.94 | 0.94 |
|                     | -10 | -               | 1.00 | 0.99 | 0.98 | 0.98 | 0.97 | 0.96 | 0.96 | 0.95 | 0.94 | 0.94 |
|                     | -20 | -               | -    | 0.99 | 0.98 | 0.98 | 0.97 | 0.96 | 0.96 | 0.95 | 0.94 | 0.94 |
|                     | -30 | -               | -    | -    | 0.98 | 0.98 | 0.97 | 0.96 | 0.96 | 0.95 | 0.94 | 0.94 |

# 11. Capacity Correction

## Outdoor units

AM050DXMDKG/EU, AM050DXMDNG/EU

### Cooling



|                     |     | Pipe Length (m) |      |      |      |      |      |      |      |      |      |      |
|---------------------|-----|-----------------|------|------|------|------|------|------|------|------|------|------|
|                     |     | 7.5             | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  |
| Level Difference(m) | 30  | -               | -    | -    | 0.95 | 0.93 | 0.92 | 0.90 | 0.88 | 0.87 | 0.85 | 0.84 |
|                     | 20  | -               | -    | 0.97 | 0.95 | 0.94 | 0.92 | 0.90 | 0.89 | 0.87 | 0.85 | 0.84 |
|                     | 10  | -               | 0.99 | 0.97 | 0.96 | 0.94 | 0.92 | 0.90 | 0.89 | 0.87 | 0.86 | 0.84 |
|                     | 0   | 1.00            | 1.00 | 0.98 | 0.96 | 0.94 | 0.92 | 0.91 | 0.89 | 0.87 | 0.86 | 0.84 |
|                     | -10 | -               | 1.00 | 0.98 | 0.96 | 0.94 | 0.92 | 0.91 | 0.89 | 0.87 | 0.86 | 0.84 |
|                     | -20 | -               | -    | 0.98 | 0.96 | 0.94 | 0.93 | 0.91 | 0.89 | 0.88 | 0.86 | 0.85 |
|                     | -30 | -               | -    | -    | 0.96 | 0.94 | 0.93 | 0.91 | 0.89 | 0.88 | 0.86 | 0.85 |

### Heating



|                     |     | Pipe Length (m) |      |      |      |      |      |      |      |      |      |      |
|---------------------|-----|-----------------|------|------|------|------|------|------|------|------|------|------|
|                     |     | 7.5             | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  |
| Level Difference(m) | 30  | -               | -    | -    | 0.98 | 0.97 | 0.96 | 0.95 | 0.94 | 0.93 | 0.93 | 0.92 |
|                     | 20  | -               | -    | 0.99 | 0.98 | 0.97 | 0.96 | 0.95 | 0.94 | 0.93 | 0.93 | 0.92 |
|                     | 10  | -               | 1.00 | 0.99 | 0.98 | 0.97 | 0.96 | 0.95 | 0.94 | 0.93 | 0.93 | 0.92 |
|                     | 0   | 1.00            | 1.00 | 0.99 | 0.98 | 0.97 | 0.96 | 0.95 | 0.94 | 0.93 | 0.93 | 0.92 |
|                     | -10 | -               | 1.00 | 0.99 | 0.98 | 0.97 | 0.96 | 0.95 | 0.94 | 0.93 | 0.93 | 0.92 |
|                     | -20 | -               | -    | 0.99 | 0.98 | 0.97 | 0.96 | 0.95 | 0.94 | 0.93 | 0.93 | 0.92 |
|                     | -30 | -               | -    | -    | 0.98 | 0.97 | 0.96 | 0.95 | 0.94 | 0.93 | 0.93 | 0.92 |

# 11. Capacity Correction

## Outdoor units

AM060DXMDKG/EU, AM060DXMDNG/EU

### Cooling



|                     |     | Pipe Length (m) |      |      |      |      |      |      |      |      |      |      |
|---------------------|-----|-----------------|------|------|------|------|------|------|------|------|------|------|
|                     |     | 7.5             | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  |
| Level Difference(m) | 30  | -               | -    | -    | 0.98 | 0.97 | 0.96 | 0.95 | 0.95 | 0.94 | 0.93 | 0.92 |
|                     | 20  | -               | -    | 0.99 | 0.98 | 0.97 | 0.96 | 0.96 | 0.95 | 0.94 | 0.93 | 0.93 |
|                     | 10  | -               | 1.00 | 0.99 | 0.98 | 0.97 | 0.97 | 0.96 | 0.95 | 0.94 | 0.94 | 0.93 |
|                     | 0   | 1.00            | 1.00 | 0.99 | 0.98 | 0.97 | 0.97 | 0.96 | 0.95 | 0.94 | 0.94 | 0.93 |
|                     | -10 | -               | 1.00 | 0.99 | 0.98 | 0.98 | 0.97 | 0.96 | 0.95 | 0.95 | 0.94 | 0.93 |
|                     | -20 | -               | -    | 0.99 | 0.98 | 0.98 | 0.97 | 0.96 | 0.95 | 0.95 | 0.94 | 0.93 |
|                     | -30 | -               | -    | -    | 0.99 | 0.98 | 0.97 | 0.96 | 0.96 | 0.95 | 0.94 | 0.93 |

### Heating



|                     |     | Pipe Length (m) |      |      |      |      |      |      |      |      |      |      |
|---------------------|-----|-----------------|------|------|------|------|------|------|------|------|------|------|
|                     |     | 7.5             | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  |
| Level Difference(m) | 30  | -               | -    | -    | 0.99 | 0.99 | 0.98 | 0.98 | 0.98 | 0.97 | 0.97 | 0.96 |
|                     | 20  | -               | -    | 1.00 | 0.99 | 0.99 | 0.98 | 0.98 | 0.98 | 0.97 | 0.97 | 0.96 |
|                     | 10  | -               | 1.00 | 1.00 | 0.99 | 0.99 | 0.98 | 0.98 | 0.98 | 0.97 | 0.97 | 0.96 |
|                     | 0   | 1.00            | 1.00 | 1.00 | 0.99 | 0.99 | 0.98 | 0.98 | 0.98 | 0.97 | 0.97 | 0.96 |
|                     | -10 | -               | 1.00 | 1.00 | 0.99 | 0.99 | 0.98 | 0.98 | 0.98 | 0.97 | 0.97 | 0.96 |
|                     | -20 | -               | -    | 1.00 | 0.99 | 0.99 | 0.98 | 0.98 | 0.98 | 0.97 | 0.97 | 0.96 |
|                     | -30 | -               | -    | -    | 0.99 | 0.99 | 0.98 | 0.98 | 0.98 | 0.97 | 0.97 | 0.96 |

# 12. Installation

## Outdoor units

### R-32 system arrangement requirements

The DVM S Mini R32 model uses slightly flammable R-32 refrigerant. To comply with the tightened sealed-refrigeration-system requirements of IEC 60335-2-40, this system is equipped with an outdoor-unit shut-off valve and a remote-control alarm. If the instructions in this user manual are followed, no additional safety devices are required. Follow the installation requirements below, to ensure the entire system is compliant with relevant regulations.

#### Installing the outdoor unit

Make sure to install the outdoor unit outdoors. If the outdoor unit is installed indoors, additional measures may be required to comply with relevant regulations. A terminal for external output is available in the outdoor unit. This terminal can be used when additional measures should be taken. An external output signal occurs if the R-32 sensor in the indoor unit detects a refrigerant leak, or the sensor has a malfunction or short circuit. Based on this signal, safety measures required for the outdoor unit, such as ventilation system activation and alarm activation, can be taken.

#### Installing the indoor unit

For details on indoor unit installation, refer to the installation and user manual that came with the indoor unit. Outdoor units for the DVM S Mini R32 model are compatible with R-32-sensor-embedded indoor units only. See the table below for minimum indoor installation areas depending on the amount of refrigerant charging for the outdoor unit. The minimum installation area must be satisfied.

The indoor unit provides an additional output signal for external devices. This output signal occurs if the R-32 sensor in the indoor unit detects a refrigerant leak, or the R-32 sensor has a malfunction or short circuit. Based on this signal, an additional ventilation system or alarm can be activated. For details on this option, refer to the indoor unit installation manual.

| m(kg)  | Minimum required room area (A, m <sup>2</sup> ) |                   |                       |                   |
|--------|-------------------------------------------------|-------------------|-----------------------|-------------------|
|        | No underground floor                            |                   | Underground Floor     |                   |
|        | Ceiling- mounted type                           | Wall-mounted type | Ceiling- mounted type | Wall-mounted type |
| ≤1.842 | No requirement                                  |                   | No requirement        |                   |
| 2.2    | 4.3                                             | 5.3               | 6.5                   | 8.0               |
| 2.4    | 4.7                                             | 5.8               | 7.1                   | 8.7               |
| 2.6    | 5.1                                             | 6.3               | 7.7                   | 9.4               |
| 2.8    | 5.5                                             | 6.8               | 8.3                   | 10.1              |
| 3      | 5.9                                             | 7.2               | 8.9                   | 10.9              |
| 3.2    | 6.3                                             | 7.7               | 9.5                   | 11.6              |
| 3.4    | 6.7                                             | 8.2               | 10.1                  | 12.3              |
| 3.6    | 7.1                                             | 8.7               | 10.7                  | 13.0              |
| 3.8    | 7.5                                             | 9.2               | 11.3                  | 13.8              |
| 4      | 7.9                                             | 9.7               | 11.8                  | 14.5              |
| 4.2    | 8.3                                             | 10.1              | 12.4                  | 15.2              |
| 4.4    | 8.7                                             | 10.6              | 13.0                  | 15.9              |
| 4.6    | 9.1                                             | 11.1              | 13.6                  | 16.6              |
| 4.8    | 9.5                                             | 11.6              | 14.2                  | 17.4              |
| 5      | 9.9                                             | 12.1              | 14.8                  | 18.1              |

| m(kg) | Minimum required room area (A, m <sup>2</sup> ) |                   |                       |                   |
|-------|-------------------------------------------------|-------------------|-----------------------|-------------------|
|       | No underground floor                            |                   | Underground Floor     |                   |
|       | Ceiling- mounted type                           | Wall-mounted type | Ceiling- mounted type | Wall-mounted type |
| 5.2   | 10.3                                            | 12.5              | 15.4                  | 18.8              |
| 5.4   | 10.7                                            | 13.0              | 16.0                  | 19.5              |
| 5.6   | 11.1                                            | 13.5              | 16.6                  | 20.3              |
| 5.8   | 11.5                                            | 14.0              | 17.2                  | 21.0              |
| 6     | 11.8                                            | 14.5              | 17.8                  | 21.7              |
| 6.2   | 12.2                                            | 15.0              | 18.4                  | 22.4              |
| 6.4   | 12.6                                            | 15.4              | 19.0                  | 23.2              |
| 6.6   | 13.0                                            | 15.9              | 19.5                  | 23.9              |
| 6.8   | 13.4                                            | 16.4              | 20.1                  | 24.6              |
| 7     | 13.8                                            | 16.9              | 20.7                  | 25.3              |
| 7.2   | 14.2                                            | 17.4              | 21.3                  | 26.1              |
| 7.4   | 14.6                                            | 17.9              | 21.9                  | 26.8              |
| 7.6   | 15.0                                            | 18.3              | 22.5                  | 27.5              |
| 7.8   | 15.4                                            | 18.8              | 23.1                  | 28.2              |
| 8     | 15.8                                            | 19.3              | 23.7                  | 29.0              |
| 8.2   | 16.2                                            | 19.8              | 24.3                  | 29.7              |
| 8.4   | 16.6                                            | 20.3              | 24.9                  | 30.4              |
| 8.6   | 17.0                                            | 20.8              | 25.5                  | 31.1              |
| 8.8   | 17.4                                            | 21.2              | 26.1                  | 31.8              |
| 9     | 17.8                                            | 21.7              | 26.7                  | 32.6              |
| 9.2   | 18.2                                            | 22.2              | 27.2                  | 33.3              |
| 9.4   | 18.6                                            | 22.7              | 27.8                  | 34.0              |
| 9.6   | 19.0                                            | 23.2              | 28.4                  | 34.7              |
| 9.8   | 19.3                                            | 23.6              | 29.0                  | 35.5              |
| 10    | 19.7                                            | 24.1              | 29.6                  | 36.2              |
| 10.2  | 20.1                                            | 24.6              | 30.2                  | 36.9              |

- m : Total refrigerant charge in the system
- A : Minimum required room area

# 12. Installation

## Outdoor units

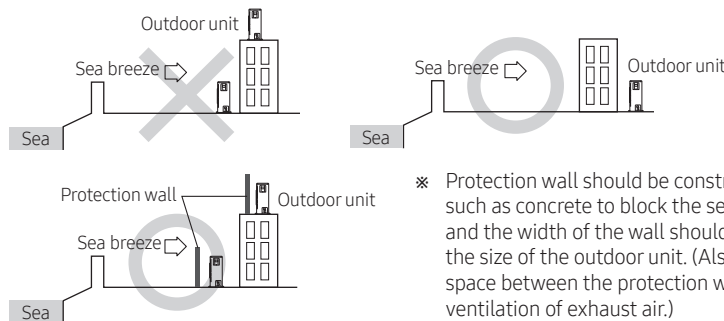
- ▶ **IMPORTANT:** it's mandatory to consider either the table 1 or taking into consideration the local law regarding the minimum living space of the premises.
- ▶ Minimum installation height of indoor unit is 1.8 m for wall, 2.2 m for ceiling.

## Preparing for installation

### Installation Guide at the seashore

Make sure to follow below guides when installing at the seashore.

1. Do not install the product in a place where it is directly exposed to sea water and sea breeze.
  - Make sure to install the product behind a structure (such as building) that can block sea breeze.
  - Even when it is inevitable to install the product in seashore, make sure that product is not directly exposed to sea breeze by installing a protection wall.
2. Consider that the salinity particles clinging to the external panels should be sufficiently washed out.
3. Because the residual water at the bottom of the outdoor unit significantly promotes corrosion, make sure that the slope does not disturb drainage.
  - Keep the floor level so that rain does not accumulate.
  - Be careful not to block the drain hole due to foreign substance
4. When product is installed in seashore, periodically clean it with water to remove attached salinity.
5. Make sure to install the product in a place that provides smooth water drainage. Especially, ensure that the base part has good drainage.
6. If the product is damaged during the installation or maintenance, make sure to repair it.
7. Check the condition of the product periodically.
  - Check the installation site every 3 months and perform anti-corrosion treatment such as R-Pro supplied by SAMSUNG (Code : MOK-220SA) or commercial water repellent grease and wax, etc., based on the product condition.
  - When the product is to be shut down for a long period of time, such as off-peak hours, take appropriate measures like covering the product.
8. If the product is installed within 500m of seashore, special anti-corrosion treatment is required.
  - ※ Please contact your local SAMSUNG representative for further details.



- ※ Protection wall should be constructed with a solid material such as concrete to block the sea breeze and the height and the width of the wall should be 1.5 times larger than the size of the outdoor unit. (Also, allow over 700mm space between the protection wall and the outdoor unit for ventilation of exhaust air.)

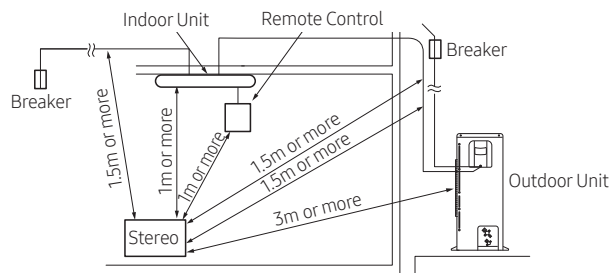
## Space requirement for installation



- Install the indoor unit away from any interfering sources such as radio, computer, stereo equipment and also select a place where the electrical wiring work and an indoor unit installation are possible.
  - Especially keep the unit at least 3m away from the electrical equipment in an area where weak electromagnetic waves are generated and install the protection tube to protect the main power cable and communication cable.
  - Make sure that there is no equipment that generates electromagnetic waves. If so, malfunction of the control system may occur due to the effect of the electromagnetic wave. (For example: The remote control sensor of the indoor unit may not have good reception in an area with fluorescent lamp style lighting.)
- Make sure the outdoor unit is installed in a safe place where it will not be obstructed by snowfall. The frame should be installed in a place where the air inlet and heat exchanger of the unit are not buried in the snow.
- A ventilation system may be required when the outdoor unit is installed in a closed space or room, even though R-410a is not poisonous or flammable.
- Install railing around the outdoor unit to prevent it falling when the unit is installed on a high place such as the roof of the building.
- Avoid installing the units in places near an exhaust pipe and ventilating opening exposed to corrosive gas, oxides of sulfur, ammonia gas or sulfur gas herbicides. (These places need additional anticorrosive treatments. Please contact manufacture to avoid corroding copper pipes or soldered parts.)
- There shouldn't be any inflammable material such as wood and oil around the indoor unit. Otherwise, external fire may spread to the product.
- According to the condition of power supply, electric noise or unstable voltage can occur malfunction of electric parts or control system. (At the ship or places using power supply from electric generator... etc)

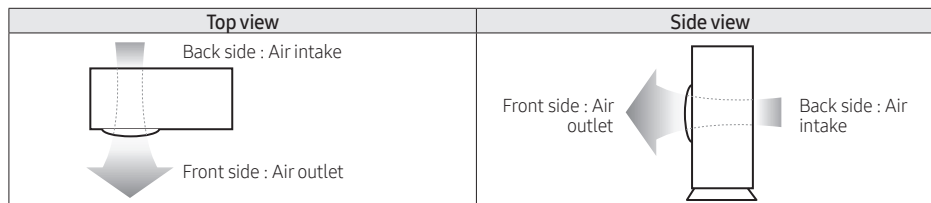
# 12. Installation

## Outdoor units



- ▶ Make sure that the water dripping from the drain hose runs away correctly and safely.
- ▶ You should repaint or protect the damaged part so that the paint of the cabinet does not peel off and become rusty during installation. When the cabinet becomes rusty, the life of an outdoor will be reduced.
- ▶ Make a space for ventilation and service as seen in the picture.
- ▶ When multiple outdoor units are combined for installation, allow enough space for ventilation against a wall. If the ventilation space is not allowed, product malfunction may occur.
- ▶ The side with logo is the front side of the outdoor unit.

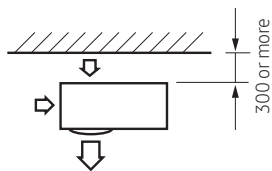
※ Figure Description



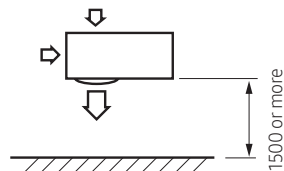
- Air flow direction.

### When installing 1 outdoor unit

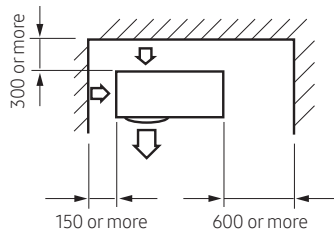
※ When the air outlet is opposite the wall



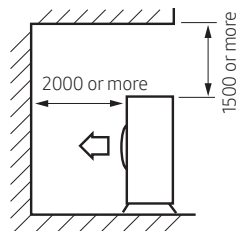
※ When the air outlet is toward the wall (Unit : mm)



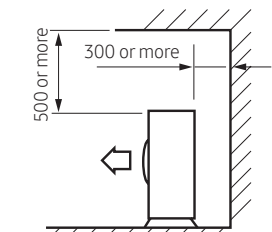
※ When 3 sides of the outdoor unit are blocked by the wall



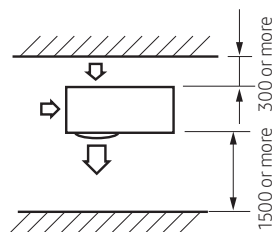
※ The upper part of the outdoor unit is blocked and the air outlet is toward the wall



※ The upper part of the outdoor unit is blocked and the air outlet is opposite the wall



※ When the walls are blocking front and the rear of the outdoor unit



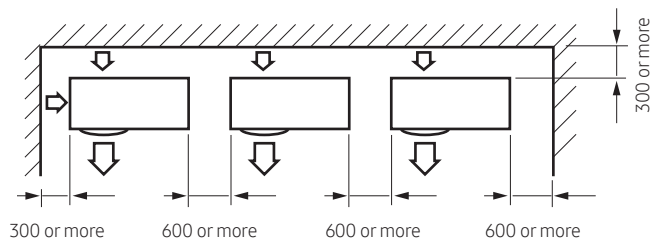
# 12. Installation

## Outdoor units

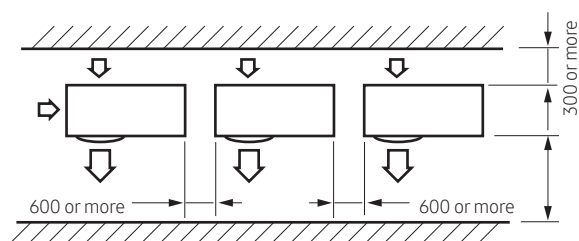
### When installing more than 1 outdoor unit

- ※ When 3 sides of the outdoor unit are blocked by the wall

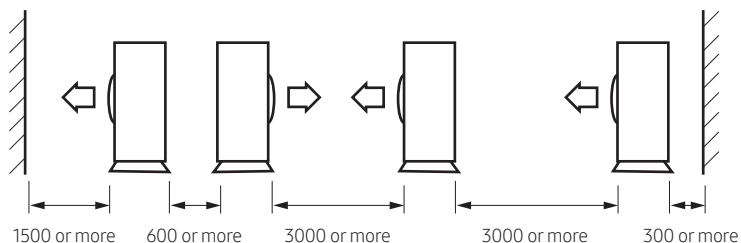
(Unit : mm)



- ※ When the walls are blocking front and the rear of the outdoor units



- ※ When front and rear side of the outdoor unit is toward the wall



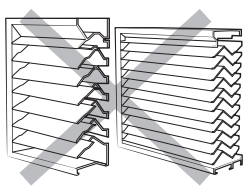
WARNING

- Should adopt bar type louver. Don't use a type of rain resistance louver.

[Bar type louver]



[Rain resistance louver]



- Louver specifications.

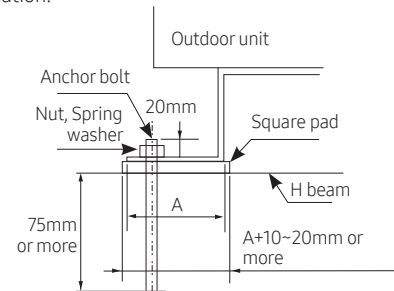
- Angle criteria : less than 20°
- Opening ratio criteria : greater than 80%

# 12. Installation

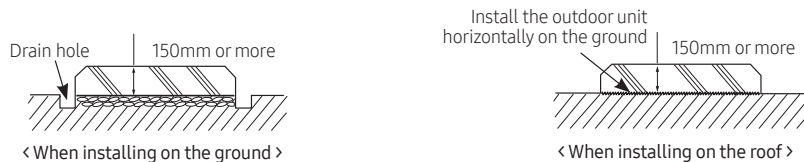
## Outdoor units

### Installation and base ground work for an outdoor unit

- ▶ Install the outdoor unit 150mm higher than the base ground and install the drain hole to connect the pipe to the drainage.
- ▶ When the front fan of an outdoor unit is installed in a place where the average snowfall is more than 150mm, the discharge duct should be attached to the outdoor unit.
- ▶ The concrete foundation should be 1.5 times larger than bottom of the outdoor unit.
- ▶ It is necessary to install wire mesh or steel bar when outdoor units are installed on a soft foundation.
- ▶ When installing multiple outdoor units at the same place, install the H beam on the base ground. (When installing a number of outdoor units, you can install it on the base ground.)
- ▶ Install the H beam(150mm x 150mm x t10 : basic specification) or vibration absorption frame to jut out from the base ground.
- ▶ After installing the H beam, apply corrosion protection.
- ▶ Install a square pad(t=20mm or more) to prevent vibration from the outdoor unit onto the base ground. Place the outdoor unit on the H beam and fix it with the bolt, nut and washer. (Fix with M10 basic anchor bolt, nut and washer.)

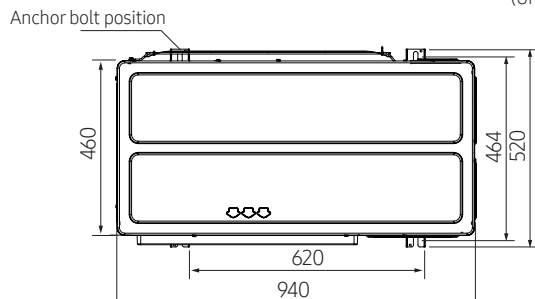


#### Base ground work

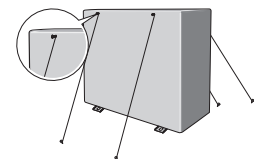


- ▶ The outdoor unit should be supported within the range of measurement below for base ground work.

(Unit : mm)



- ▶ When the outdoor unit needs to be supported, fix it with wire as shown in the picture.
  - Slightly unwind the four screws on the cover top of the outdoor unit.
  - Wind wires round the four screws and fasten the screws again.
  - Fix the wires to the ground.



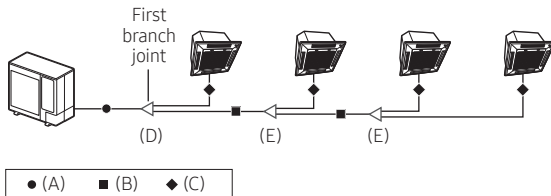
CAUTION

- If the outdoor unit is not fixed securely, product may fall and it might cause loss of life or property damage.
- Do not install the outdoor unit on a wood palette.
- Fix the outdoor unit securely to the base ground with anchor bolts.
- The manufacturer is not responsible for the damage occurred by not adhering to the standard of the installation.
- To protect the outdoor unit from external condition such as rain, install it on the base ground and connect the drain pipe to the drainage.

# 12. Installation

## Outdoor units

### Selecting refrigerant pipe and branch joint for Heat Pump



- ▶ Install the refrigerant pipe according to the main pipe size of each outdoor unit capacity.
- ▶ When the pipe length between an outdoor unit and the farthest indoor unit including elbow exceeds 90m, the gas pipe size should be upgraded one step among the main pipes from the outdoor unit to the first branch joint. (The liquid pipe size will be maintained.)
- ▶ If the capacity of the outdoor unit can decline due to the pipe length, upgrade the pipe size one step (gas pipe).
- ※ For the case that the diameter of the default pipe of an outdoor unit does not match that of the pipe installed on the site, use a socket provided by default together with the outdoor unit of 4/5 HP.

### The size of the pipe between an outdoor unit and the first branch joints (A)

Select the size of the main pipe according to the table below.

| Outdoor unit capacity (HP) | Maximum pipe length within 90 m |               | Maximum pipe length over 90 m |               |
|----------------------------|---------------------------------|---------------|-------------------------------|---------------|
|                            | Liquid pipe (mm)                | Gas pipe (mm) | Liquid pipe (mm)              | Gas pipe (mm) |
| 4                          | ø9.52                           | ø15.88        | ø9.52                         | ø19.05        |
| 5                          | ø9.52                           | ø15.88        | ø9.52                         | ø19.05        |
| 6                          | ø9.52                           | ø19.05        | ø9.52                         | ø22.22        |

\* Maximum pipe length : The pipe length between an outdoor unit and the farthest indoor unit.

### The size of the pipe between the branch joints (B)

Select the pipe size according to the sum of indoor unit capacity which will be connected after the branch.

- ※ However, if the size of the pipe between branch joints (B) is bigger than the size of the pipe connected to the outdoor unit (A), apply the pipe size (A).

| Indoor unit capacity (kW) | Branch pipe length within 45m |          | Branch pipe length between 45~90m |          |
|---------------------------|-------------------------------|----------|-----------------------------------|----------|
|                           | Liquid (mm)                   | Gas (mm) | Liquid (mm)                       | Gas (mm) |
| Capacity < 5.7            | ø6.35                         | ø12.70   | ø9.52                             | ø15.88   |
| 5.7 ≤ Capacity < 16       | ø9.52                         | ø15.88   | ø12.70                            | ø19.05   |
| 16 ≤ Capacity             |                               | ø19.05   |                                   | ø22.22   |

### The size of the pipe between the branch joint and the indoor unit (C)

Select according to the capacity of the indoor unit.

| Indoor unit capacity (kW) | Liquid (mm) | Gas (mm) |
|---------------------------|-------------|----------|
| Capacity ≤ 6              | ø6.35       | ø12.7    |
| 6 < Capacity ≤ 16         | ø9.52       | ø15.88   |
| 16 < Capacity ≤ 23        | ø9.52       | ø19.05   |

### Selecting the first branch joint (D)

Select according to the sum of the capacity of the outdoor unit.

| Classification | Outdoor unit capacity (HP) | Model name  |
|----------------|----------------------------|-------------|
| Y-joint (D)    | 4                          | MXJ-YA1509M |
|                | 5                          | MXJ-YA1509M |
|                | 6                          | MXJ-YA2512M |

### Selecting the other branch joints (E)

Select a branch joint according to the sum of indoor unit capacity which will be connected after the branch.

- ※ However, if the branch joints (E) is bigger than the first branch joint (D), apply the branch joint of the same size as the first branch joint (D).

| Classification          | Indoor unit capacity (kW)     | Model name  |
|-------------------------|-------------------------------|-------------|
| Y-joint (E)             | Capacity < 16                 | MXJ-YA1509M |
|                         | 16 ≤ Capacity                 | MXJ-YA2512M |
| Distribution header (E) | Capacity < 50.4 (for 4 rooms) | MXJ-HA2512M |

- ※ If the criteria for selecting the branch in the outdoor installation manual and the branch installation manual are different, please select the branch in accordance with the outdoor installation manual.

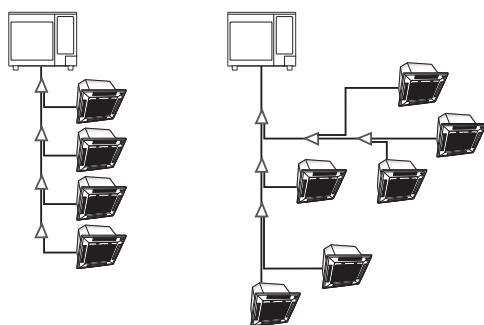
# 12. Installation

## Outdoor units

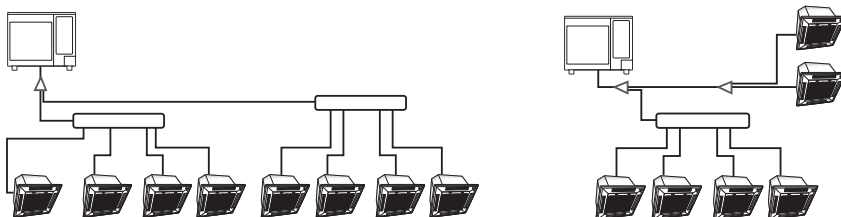
### Refrigerant pipe installation

#### Examples of the refrigerant pipe installation for Heat Pump

##### Using Y-Joint



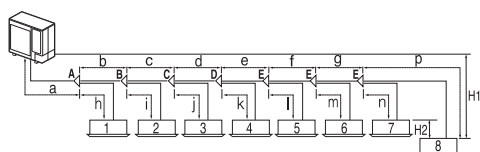
##### Using Distribution header



#### Allowable length of the refrigerant pipe and the installation examples for Heat Pump

##### Connection by Y-joint

Outdoor unit



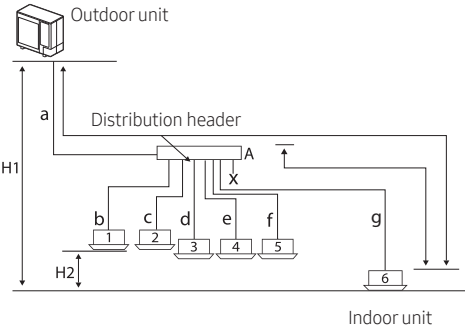
| Classification                         |                             |                   | Y-joint connection                                                                                                     |
|----------------------------------------|-----------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------|
| Maximum allowable length of pipe       | Outdoor unit ~ Indoor units | Actual Length     | The distance between the outdoor unit and the farthest indoor unit ≤ 80m<br>Ex) 8 indoor units<br>a+b+c+d+e+f+g+p≤ 80m |
|                                        |                             | Equivalent length | The distance between an outdoor unit and the farthest indoor unit ≤ 100m                                               |
|                                        |                             | Total length      | The sum of the total length of pipes should be less then 300m.                                                         |
| Maximum allowable height               | Outdoor unit ~ Indoor units | Height            | H1: The difference of height between an outdoor unit and indoor unit ≤ 30m                                             |
|                                        |                             | Height            | H2: The difference of height between indoor units ≤ 15m                                                                |
| Maximum allowable length after Y-joint |                             | Actual Length     | The distance between the first Y-joint and the farthest indoor unit ≤ 40m<br>Ex) 8 indoor units<br>b+c+d+e+f+g+p≤ 40m  |

※ When the equivalent length between an outdoor unit and the farthest indoor unit exceeds 90m, upgrade the low pressure pipe of the main pipe one step.

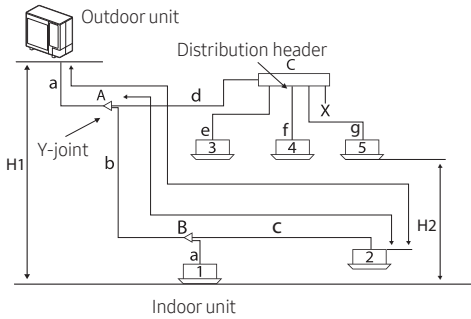
# 12. Installation

## Outdoor units

Connection by Distribution header



Connection by Y-joint/Distribution header



| Classification                         |                             |                   | Distribution connection                                                                                                                 | Y-joint / Distribution connection                                                                                                                              |
|----------------------------------------|-----------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum allowable length of pipe       | Outdoor unit ~ Indoor units | Actual Length     | The distance between the outdoor unit and the farthest indoor unit $\leq 80\text{m}$                                                    |                                                                                                                                                                |
|                                        |                             |                   | Ex) 6 indoor units<br>$a+g \leq 80\text{m}$                                                                                             | Ex) 5 indoor units<br>$a+b+c \leq 80\text{m}, a+d+g \leq 80\text{m}$                                                                                           |
|                                        |                             | Equivalent length | The distance between an outdoor unit and the farthest indoor unit $\leq 100\text{m}$                                                    |                                                                                                                                                                |
|                                        |                             | Total length      | The sum of the total length of pipes should be less then 300m.                                                                          |                                                                                                                                                                |
| Maximum allowable height               | Outdoor unit ~ Indoor units | Height            | H1: The difference of height between an outdoor unit and indoor unit $\leq 30\text{m}$                                                  |                                                                                                                                                                |
|                                        |                             | Height            | H2: The difference of height between indoor units $\leq 15\text{m}$                                                                     |                                                                                                                                                                |
| Maximum allowable length after Y-joint |                             | Actual Length     | The distance between the first branch joint and the farthest indoor unit $\leq 40\text{m}$<br>Ex) 6 indoor units<br>$g \leq 40\text{m}$ | The distance between the first branch joint and the farthest indoor unit $\leq 40\text{m}$<br>Ex) 6 indoor units<br>$b+c \leq 40\text{m}, d+g \leq 40\text{m}$ |

※ When the equivalent length between an outdoor unit and the farthest indoor unit exceeds 90m, upgrade the low pressure pipe of the main pipe one step.

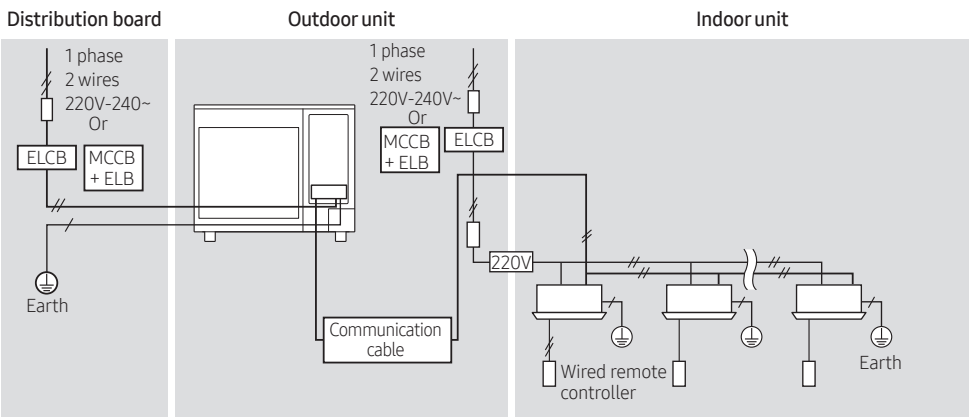
# 12. Installation

## Outdoor units

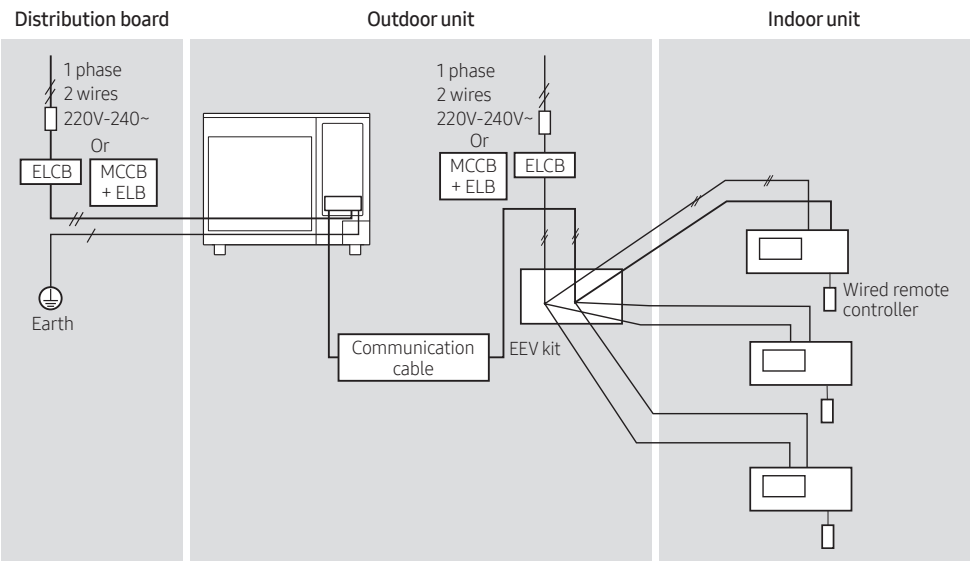
### Wiring work

#### Overall System Configuration

##### Connection of the power cable (1 phase 2 wires)



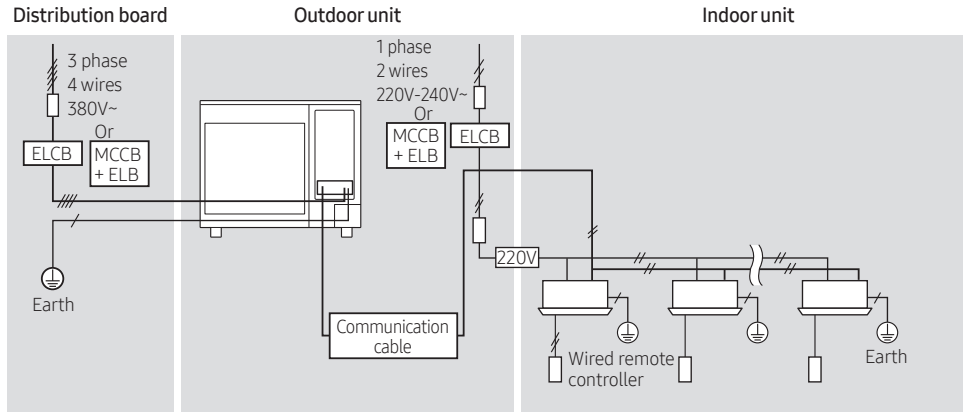
##### Connection of the power cable (1 phase 2 wires using EEV kit)



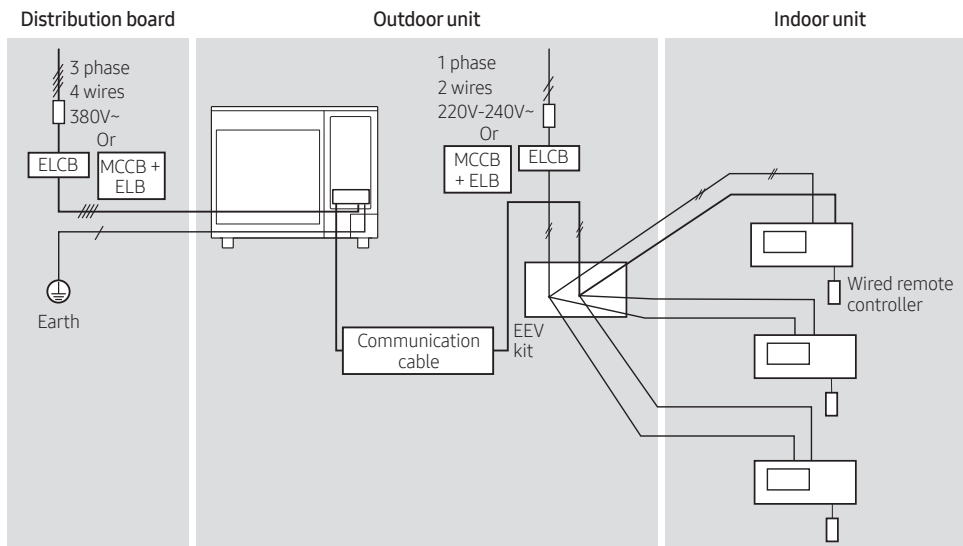
# 12. Installation

## Outdoor units

### Connection of the power cable (3 phase 4 wires)



### Connection of the power cable (3 phase 4 wires using EEV kit)



- You must install an earth leakage breaker.
  - ELCB(Earth Leakage Circuit Breaker)
  - MCCB(Molded Case Circuit Breaker)
  - ELB(Earth Leakage fuse breaker)
- Manufacturers are not responsible for fire caused by not installing ELCB or MCCB.
- Install the cabinet panel near the outdoor unit for service convenience and emergency operation switch off.
- You must install a circuit breaker that can prevent excess current and shut off the electric leakage on the outdoor unit.

### Specification for circuit breaker and power supply cord

- Power supply cord is not supplied with air conditioner.
- Select the power supply cord in accordance with relevant local and national regulations.
- Wire size must comply with the applicable local and national code.
- The appliance shall be provided with a certified power supply cord and interconnection cord complying with the national regulations of the countries in which the appliance is to be sold.
- Power supply cords of parts of appliances for outdoor use shall not be lighter than polychloroprene sheathed flexible cord. (Code designation IEC : 60245 IEC 57 / CENELEC : H05RN-F)

| Model       | Voltage                     | MCA | MFA | S <sub>sc</sub> value (MVA) |
|-------------|-----------------------------|-----|-----|-----------------------------|
| AM040*XMDKG | 1phase,<br>220~240V,50/60Hz | 22  | 25  | (Note1)                     |
| AM050*XMDKG |                             | 24  | 32  | (Note1)                     |
| AM060*XMDKG |                             | 32  | 40  | (Note1)                     |

(Note1) Equipment complying with IEC 61000-3-12.

# 12. Installation

## Outdoor units

| Model       | Voltage                     | MCA  | MFA | Ssc value (MVA)<br>(Note2) |
|-------------|-----------------------------|------|-----|----------------------------|
| AM040*XMDNG | 3phase,<br>380~415V,50/60Hz | 16.1 | 20  | 3.9                        |
| AM050*XMDNG |                             | 16.1 | 20  | 3.9                        |
| AM060*XMDNG |                             | 16.1 | 20  | 3.9                        |

(Note2) This equipment complies with IEC 61000-3-12 provided that the short-circuit power  $S_{sc}$  is greater than or equal to  $S_{sc}$  value at the interface point between the user's supply and the public system. It is the responsibility of the installer or user of the equipment to ensure, by consultation with distribution network operator if necessary, that the equipment is connected only to a supply with a short-circuit power  $S_{sc}$  greater than or equal to  $S_{sc}$  value.

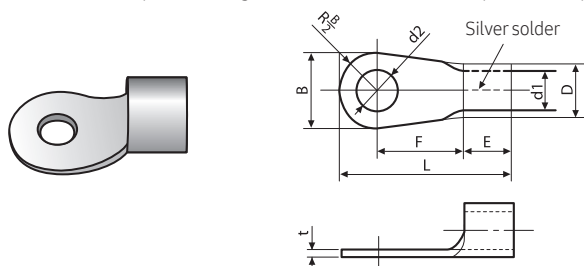
### Tightening power terminal

- ▶ Connect the cables to the terminal board using the compressed ring terminal.
- ▶ Use rated cables only.
- ▶ Connect the cables with driver and wrench that can apply the rated torque to the screws.
- ▶ Make sure that appropriate tightening torque is applied for cable connection. If the terminal is loose, arc heat may occur and cause fire and if the terminal is connected too firmly, terminal may get damaged.

| Tightening torque (kgf•cm) |           |                                                                                      |
|----------------------------|-----------|--------------------------------------------------------------------------------------|
| M4                         | 12.0~18.0 | Communication : F1, F2<br>3 phase AC power: 1(L), 2(N), L, N, L1(R), L2(S), L3(T), N |
| M5                         | 20.0~30.0 | 1 phase AC power : 1(L), 2(N), L, N                                                  |

### Selecting compressed ring terminal

- ▶ Select a compressed ring terminal of a connecting power cable based on a nominal dimensions for cable.
- ▶ Cover a compressed ring terminal and a connector part of the power cable and then connect it.



| Nominal dimensions for cable (mm <sup>2</sup> ) |                         | 4/6  |      | 10   | 16   | 25   |      | 35   |      | 50   | 70   |
|-------------------------------------------------|-------------------------|------|------|------|------|------|------|------|------|------|------|
| Nominal dimensions for screw (mm)               |                         | 4    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    |
| B                                               | Standard dimension (mm) | 9.5  | 15   | 15   | 16   | 12   | 16.5 | 16   | 22   | 22   | 24   |
|                                                 | Allowance (mm)          | ±0.2 |      | ±0.2 | ±0.2 | ±0.3 |      | ±0.3 |      | ±0.3 | ±0.4 |
| D                                               | Standard dimension (mm) | 5.6  |      | 7.1  | 9    | 11.5 |      | 13.3 |      | 13.5 | 17.5 |
|                                                 | Allowance (mm)          | +0.3 | -0.2 | +0.3 | -0.2 | +0.3 | -0.2 | +0.5 | -0.2 | +0.5 | -0.4 |
| d1                                              | Standard dimension (mm) | 3.4  |      | 4.5  | 5.8  | 7.7  |      | 9.4  |      | 11.4 | 13.3 |
|                                                 | Allowance (mm)          | ±0.2 |      | ±0.2 | ±0.2 | ±0.2 |      | ±0.2 |      | ±0.3 | ±0.4 |
| E                                               | Min.                    | 6    |      | 7.9  | 9.5  | 11   |      | 12.5 |      | 17.5 | 18.5 |
| F                                               | Min.                    | 5    | 9    | 9    | 13   | 15   | 13   | 13   |      | 14   | 20   |
| L                                               | Max.                    | 20   | 28.5 | 30   | 33   | 34   |      | 38   | 43   | 50   | 51   |
| d2                                              | Standard dimension (mm) | 4.3  | 8.4  | 8.4  | 8.4  | 8.4  |      | 8.4  |      | 8.4  | 8.4  |
|                                                 | Allowance (mm)          | +0.2 | +0.4 | +0.4 | +0.4 | +0.4 |      | +0.4 |      | +0.4 | +0.4 |
| t                                               | Min.                    | 0.9  |      | 1.15 | 1.45 | 1.7  |      | 1.8  |      | 1.8  | 2.0  |

# 12. Installation

## Outdoor units

### Installing grounding wire

- ▶ Grounding must be done by a qualified installer for your safety.
- ▶ Use the grounding wire by referring to the specification of the electric cable of the outdoor unit.

### Grounding the power cable

- ▶ The standard of grounding may vary according to the rated voltage and installation place of the air conditioner.
- ▶ Ground the power cable according to the following.

| Installation place<br>Power condition | High humidity | Average humidity                                                                                             | Low humidity                                                                     |
|---------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Voltage of lower than 150V            |               | Perform the grounding work 3. <small>Note 1)</small>                                                         | Perform the grounding work 3 if possible for your safety. <small>Note 2)</small> |
| Voltage of higher than 150V           |               | Must perform the grounding work 3. <small>Note 1)</small><br>(In case of installing circuit breaker as well) |                                                                                  |



NOTE

#### 1. Grounding work 3

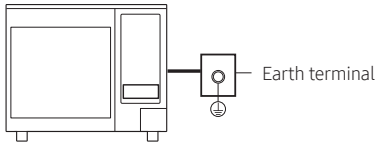
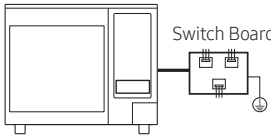
- Grounding must be done by your installation specialist.
- Check if the grounding resistance is lower than 100Ω. When installing a circuit breaker that can cut the electric circuit within 0.5 second in case of a short circuit, the allowable grounding resistance should be 30~500Ω.

#### 2. Grounding at dry place

- The grounding resistance is should be lower than 100Ω. (It should not be higher than 250Ω)
  - Use the rated grounding wire by referring to the specification of the electric cable of the outdoor unit.

### Performing the grounding work

- ▶ Use the grounding wire by referring to the specification of the electric cable for the outdoor unit.

| When using the terminal for grounding only                                          | When using grounding of the switch board                                             |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |

# 12. Installation

## Outdoor units

### Charging refrigerant

- ▶ The R-410A refrigerant is blended refrigerant. Add only liquid refrigerant.
- ▶ Measure the quantity of the refrigerant according to the length of the liquid side pipe. Add quantity of the refrigerant using a scale.

#### Important information: regulation regarding the refrigerant used

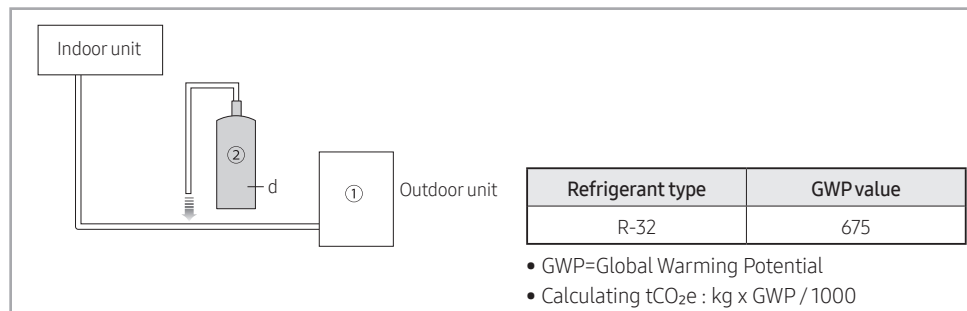
This product contains fluorinated greenhouse gases. Do not vent gases into the atmosphere.



- Inform user if the system contains 5tCO<sub>2</sub>e or more fluorinated greenhouse gases. In this case, it must be checked for leakage at least once every 12 months, according to regulation No. 517/2014. This activity must be covered by qualified personnel only. In the case of the situation above, the installer (or authorized person with responsibility for final check) must provide a maintenance book, with all the information recorded, according to REGULATION (EU) No. 517/2014 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 April 2014 on fluorinated greenhouse gases.

Please fill in the following with indelible ink on the refrigerant charge label supplied with this product and on this manual.

- ▶ ① : The factory refrigerant charge of the product.
- ▶ ② : The additional refrigerant amount charged in the field.
- ▶ ①+② : The total refrigerant charge.

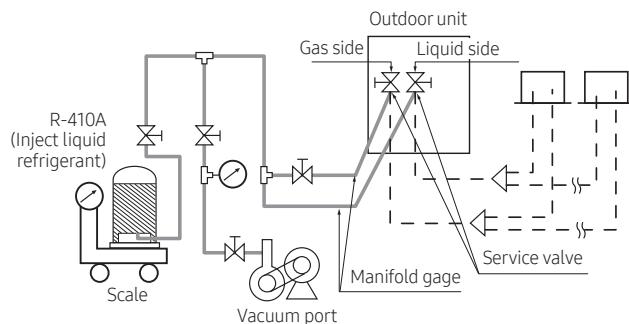


- a Factory refrigerant charge of the product: see unit name plate.
- b Additional refrigerant amount charged in the field. (Refer to the above information for the quantity of refrigerant replenishment.)
- c Total refrigerant charge.
- d Refrigerant cylinder and manifold for charging.



- The filled-out label must be adhered in the proximity of the product charging port. (ex. onto the inside of the stop valve cover.)

- ▶ Open the manifold gauge valve connected to the liquid side service valve and add the liquid refrigerant.
- ▶ If you cannot add the whole quantity of the refrigerant while the outdoor unit is stopped, open the gas side and liquid side service valve. Then, add remaining refrigerant by pressing the refrigerant adding button of the outdoor PCB.



- Open the gas side and liquid side service valve completely after charging the refrigerant. (If you operate the air conditioner with the service valve closed, the important parts may be damaged.)
- Put on safety equipment when charging refrigerant.
- Do not charge the refrigerant when you adjust or control other product such as indoor units or EEV kits.
- When the ambient temperature is low in winter time, do not heat the refrigerant container to speed up the charging process. There is risk of explosion.
- Beware for possibility of refrigerant leakage when you connect the manifold gauge to the charging port for heating.
- Close the valve of the refrigerant container immediately after charging the refrigerant. If not, there might be a change in entire amount of refrigerant.

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