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# VRF

GMV5

GMV5 Home

GMV6

GMV6 HR

Indoor Units Lineup

Control System Lineup

Branching Joint



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## GMV5



Gree GMV5 All DC Inverter VRF adopts high-efficient DC inverter compressor and DC inverter fan motor.

GMV5 Mini

GMV5 Slim

All DC inverter technology

Energy saving function

Quiet function

Human engineering operation

Intelligent Management

Long connection pipe design

Wide operation range

Comprehensive protection

- » Outdoor unit quiet mode.
- » High energy efficiency with high-performance compressor.

| Max. piping length (meter)                                           | GMV5 Mini          |                    | GMV5 Slim |
|----------------------------------------------------------------------|--------------------|--------------------|-----------|
| Total piping length                                                  | 250m <sup>*1</sup> | 300m <sup>*2</sup> | 300m      |
| Actual piping length                                                 | 100m <sup>*1</sup> | 120m <sup>*2</sup> | 120m      |
| Equivalent piping length                                             | 120m <sup>*1</sup> | 150m <sup>*2</sup> | 150m      |
| Height difference between indoor units                               | 10m <sup>*1</sup>  | 15m <sup>*2</sup>  | 15m       |
| Height difference between ODU and IDU (ODU is located above the IDU) | 30m <sup>*1</sup>  | 50m <sup>*2</sup>  | 50m       |
| Height difference between ODU and IDU (IDU is located above the ODU) | 30m <sup>*1</sup>  | 40m <sup>*2</sup>  | 40m       |
| Piping length from first indoor branch to the farthest IDU           | 40m <sup>*1</sup>  | 40m <sup>*2</sup>  | 40m       |

Notes:  
\*1: The value is applied to product type with 12.1kW.  
\*2: The value is applied to product type with 12kW, 14kW or 16kW.

| Item    | Nominal operating condition (temperature) |        |                  |        | Operating range (temperature) |           |
|---------|-------------------------------------------|--------|------------------|--------|-------------------------------|-----------|
|         | Outdoor condition                         |        | Indoor condition |        | Outdoor condition DB(°C)      |           |
|         | DB(°C)                                    | WB(°C) | DB(°C)           | WB(°C) | GMV5 Mini                     | GMV5 Slim |
| Cooling | 35                                        | -      | 27               | 19     | -5~52                         | -5~52     |
| Heating | 7                                         | 6      | 20               | -      | -20~27                        | -20~27    |

### Outdoor Units Lineup

GMV5 Mini Lineup(220-240V/50Hz & 208-230V/60Hz & 380-415V, 50/60HZ)

| HP | Model         | Product |
|----|---------------|---------|
| 4  | GMV-120WL/C-T |         |
|    | GMV-120WL/C-X |         |
| 5  | GMV-140WL/C-T |         |
|    | GMV-140WL/C-X |         |
| 6  | GMV-160WL/C-T |         |
|    | GMV-160WL/C-X |         |

GMV5 Mini Lineup (220-240V ~ 50Hz & 208-230V ~ 60Hz)

| HP | Model         | Product |
|----|---------------|---------|
| 4  | GMV-121WL/C-T |         |
| 5  | GMV-141WL/C-T |         |



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GMV5 Slim Lineup(380-415V 3N~ 50/60Hz)

| HP | Model          | Product                                                                            |
|----|----------------|------------------------------------------------------------------------------------|
| 8  | GMV-224WL/C-X  |  |
| 10 | GMV-280WL/C1-X |                                                                                    |
| 12 | GMV-335WL/C1-X |                                                                                    |

GMV5 Mini (220-240V ~ 50Hz & 208-230V ~ 60Hz)

| Model                     |          |         | GMV-120WL/C-T                     | GMV-121WL/C-T | GMV-140WL/C-T | GMV-141WL/C-T | GMV-160WL/C-T |
|---------------------------|----------|---------|-----------------------------------|---------------|---------------|---------------|---------------|
| Capacity range            |          | HP      | 4                                 | 4             | 5             | 5             | 6             |
| Cooling capacity          | Rated    | kW      | 12.1                              | 12.1          | 14.0          | 14.1          | 16.0          |
|                           | Max.     | kW      | 12.1                              | 12.1          | 14.0          | 14.1          | 16.0          |
| Heating capacity          | Rated    | kW      | 12.1                              | 13.0          | 14.0          | 16.0          | 16.0          |
|                           | Max.     | kW      | 14.0                              | 13.0          | 16.5          | 16.0          | 18.0          |
| SEER                      | Ducted   | -       | 6.70                              | 6.11          | 6.88          | 5.85          | 6.96          |
|                           | Cassette | -       | 6.70                              | 5.89          | 6.79          | 5.73          | 6.55          |
| SCOP                      | Ducted   | -       | 3.97                              | 3.87          | 4.24          | 3.74          | 4.04          |
|                           | Cassette | -       | 3.93                              | 3.99          | 4.24          | 3.86          | 4.06          |
| Max. circuit/Fuse current |          | A       | 32                                | 32            | 40            | 40            | 40            |
| Power supply              |          | V/Ph/Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz |               |               |               |               |
| Maximum drive IDU NO.     |          | unit    | 7                                 | 6             | 8             | 8             | 9             |
| Refrigerant charge volume |          | kg      | 3.3                               | 2.3           | 3.3           | 3.3           | 3.3           |
| Sound power level         |          | dB(A)   | 75                                | 75            | 75            | 77            | 77            |
| Connecting pipe           | Liquid   | mm      | Φ9.52                             | Φ9.52         | Φ9.52         | Φ9.52         | Φ9.52         |
|                           | Gas      | mm      | Φ15.90                            | Φ15.90        | Φ15.90        | Φ15.90        | Φ19.05        |
| Dimension(W×D×H)          | Outline  | mm      | 900×340×1345                      | 980×360×790   | 900×340×1345  | 940×460×820   | 900×340×1345  |
|                           | Package  | mm      | 998×458×1500                      | 1097×477×937  | 998×458×1500  | 1023×563×973  | 998×458×1500  |
| Net weight/ Gross weight  |          | kg      | 112/123                           | 85/95         | 112/123       | 98/108        | 112/123       |
| Loading quantity          | 40'GP    | unit    | 57                                | 96            | 57            | 88            | 57            |
|                           | 40'HQ    | unit    | 57                                | 96            | 57            | 88            | 57            |

Note:  
(1)The ODU operation temperature range is -5~52℃ in cooling and -20~27℃ in heating.  
(2) Heat radiation by refrigerant.

GMV5 Mini (380-415V 3N~ 50/60Hz)

| Model                     |          |         | GMV-120WL/C-X        | GMV-140WL/C-X | GMV-160WL/C-X |
|---------------------------|----------|---------|----------------------|---------------|---------------|
| Capacity range            |          | HP      | 4                    | 5             | 6             |
| Cooling capacity          | Rated    | kW      | 12.1                 | 14            | 16            |
|                           | Max.     | kW      | 12.1                 | 14            | 16            |
| Heating capacity          | Rated    | kW      | 12.1                 | 14            | 16            |
|                           | Max.     | kW      | 14                   | 16.5          | 18            |
| SEER                      | Ducted   | -       | 6.70                 | 6.88          | 6.96          |
|                           | Cassette | -       | 6.70                 | 6.79          | 6.55          |
| SCOP                      | Ducted   | -       | 3.97                 | 4.24          | 4.04          |
|                           | Cassette | -       | 3.93                 | 4.24          | 4.06          |
| Max. circuit/Fuse current |          | A       | 16                   | 16            | 16            |
| Power supply              |          | V/Ph/Hz | 380-415V 3N~ 50/60Hz |               |               |
| Maximum drive IDU NO.     |          | unit    | 7                    | 8             | 9             |
| Refrigerant charge volume |          | kg      | 3.3                  | 3.3           | 3.3           |
| Sound power level         |          | dB(A)   | 75                   | 75            | 77            |
| Connecting pipe           | Liquid   | mm      | Φ9.52                | Φ9.52         | Φ9.52         |
|                           | Gas      | mm      | Φ15.9                | Φ15.9         | Φ19.05        |
| Dimension(W×D×H)          | Outline  | mm      | 900×340×1345         | 900×340×1345  | 900×340×1345  |
|                           | Package  | mm      | 998×458×1500         | 998×458×1500  | 998×458×1500  |
| Net weight/ Gross weight  |          | kg      | 122/133              | 122/133       | 122/133       |
| Loading quantity          | 40'GP    | unit    | 57                   | 57            | 57            |
|                           | 40'HQ    | unit    | 57                   | 57            | 57            |

Note: The ODU operation temperature range is -5~52℃ in cooling and -20~27℃ in heating.

GMV5 Slim (380-415V 3N~ 50/60Hz)

| Model                     |          |         | GMV-224WL/C-X        | GMV-280WL/C1-X* | GMV-335WL/C1-X* |
|---------------------------|----------|---------|----------------------|-----------------|-----------------|
| Capacity range            |          | HP      | 8                    | 10              | 12              |
| Cooling capacity          | Rated    | kW      | 22.4                 | 28.0            | 33.5            |
|                           | Max.     | kW      | 22.4                 | 28.0            | 33.5            |
| Heating capacity          | Rated    | kW      | 24.0                 | 28.0            | 33.5            |
|                           | Max.     | kW      | 24.0                 | 28.0            | 33.5            |
| SEER                      | Ducted   | -       | 7.27                 | 7.31            | 7.87            |
|                           | Cassette | -       | 7.27                 | 6.87            | 6.83            |
| SCOP                      | Ducted   | -       | 4.08                 | 5.19            | 5.50            |
|                           | Cassette | -       | 4.11                 | 4.66            | 4.21            |
| Max. circuit/Fuse current |          | A       | 20                   | 25              | 32              |
| Power supply              |          | V/Ph/Hz | 380-415V 3N~ 50/60Hz |                 |                 |
| Maximum drive IDU NO.     |          | unit    | 13                   | 17              | 20              |
| Refrigerant charge volume |          | kg      | 5.5                  | 7.1             | 8.5             |
| Sound power level         |          | dB(A)   | 77                   | 80              | 81              |
| Connecting pipe           | Liquid   | mm      | Φ9.52                | Φ9.52           | Φ12.70          |
|                           | Gas      | mm      | Φ19.05               | Φ22.20          | Φ25.40          |
| Dimension (W×D×H)         | Outline  | mm      | 940×320×1430         | 940×460×1615    | 940×460×1615    |
|                           | Package  | mm      | 1038×438×1580        | 1038×578×1765   | 1038×578×1765   |
| Net weight/ Gross weight  |          | kg      | 133/144              | 163/175         | 174/187         |
| Loading quantity          | 40'GP    | unit    | 57                   | 44              | 44              |
|                           | 40'HQ    | unit    | 57                   | 44              | 44              |

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# GMV5 Home



GMV5 Home is a new generation of multi VRF system developed by Gree, integrating “central air conditioning + hot water” .

Outdoor Unit



SXTD200LC  
JW/A-K\*2



Hot water  
converter\*1



  
Golden fin  
condenser

  
Inner groove  
copper

  
Compact  
design

  
High  
efficiency

  
Wide voltage  
range

  
Easier  
maintainability

» High efficiency and energy saving. The self-developed DC inverter technology stimulates the intelligence and integration of the system. In full heat recovery mode of “cooling + hot water” , the ECOP is up to 7.0; DC inverter water pump is adopted, which has apparent advantages in energy savings, flow-lift regulating range and performance curve.

» Optional quiet modes. The system has got night quiet mode and forced quiet mode, with operation noise as low as 45dB(A).

» Unique comfort functions. The system has got auto heat recovery function in cooling; the heat is recovered automatically for heating water.



| Iteml     | Nominal operating condition(temperature) |        |                  |        |           |         |
|-----------|------------------------------------------|--------|------------------|--------|-----------|---------|
|           | Outdoor condition                        |        | Indoor condition |        | Water     |         |
|           | DB(℃ )                                   | WB(℃ ) | DB(℃ )           | WB(℃ ) | Start(℃ ) | End(℃ ) |
| Cooling   | 35                                       | 24     | 27               | 19     | /         | /       |
| Heating   | 7                                        | 6      | 20               | 15     | /         | /       |
| Hot water | 20                                       | 15     | /                | /      | 15        | 55      |

| Operation range | Mode                      | Outdoor condition(℃) |
|-----------------|---------------------------|----------------------|
|                 | Cooling                   | -5~ 50               |
|                 | Heating                   | -15~ 24              |
|                 | Water heating             | -15~ 43              |
|                 | Cooling and water heating | -5~ 43               |
|                 | Heating and water heating | -15~ 24              |

## Hot Water Converter

| Model                    |         |                    | NRZ16G/A-S         |         |
|--------------------------|---------|--------------------|--------------------|---------|
| Heating capacity         |         | kW                 | 4.5(2.8~5.6)       |         |
| Dimension<br>(W × D × H) | Outline | mm                 | 370 × 135 × 485    |         |
|                          | Package | mm                 | 473 × 238 × 660    |         |
| Power supply             |         | V/Ph/Hz            | 220-240V ~ 50/60Hz |         |
| Connecting<br>pipe       | to ODU  | Gas                | Φ 15.90            |         |
|                          |         | Liquid             | Φ 9.52             |         |
|                          |         | Gas(high pressure) | Φ 12.70            |         |
| Net weight/Gross weight  |         | kg                 | 8.5/13.5           |         |
| Loading quantity         |         | 40'GP/40'HQ        | unit               | 660/880 |

## Water Tank

| Model                            |     | SXTD200LCJW/A-K |
|----------------------------------|-----|-----------------|
| Capacity                         | L   | 185             |
| Power supply for electric heater | -   | 220-240V~50Hz   |
| Input power for electric heater  | W   | 1500            |
| Max. operation pressure          | Mpa | 0.70            |
| Outline dimensions(W×D×H)        | mm  | 462×462×1944    |
| Package dimensions(W×D×H)        | mm  | 583×583×2045    |
| Water tank gross/net weight      | kg  | 88/75           |
| Outer size of connection pipe    | mm  | Φ6, Φ9.52       |
| Material of inner tank           | -   | Enamel          |
| Made of defending cauterization  | -   | Mg anode        |

Note:  
\*1: The hot water converter is only matched with the outdoor unit model of GMV-S(120~160)WL/A-S.  
\*2: The hot water converter is only matched with the water tank model of SXTD200LCJW/A-K.  
\*3: Please consult the sales person for the water tank.



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Outdoor Unit

| Model                     |                    |         | GMV-S120WL/A-S    | GMV-S140WL/A-S | GMV-S160WL/A-S |
|---------------------------|--------------------|---------|-------------------|----------------|----------------|
| Capacity range            |                    | HP      | 4                 | 5              | 6              |
| Cooling capacity          | Rated              | kW      | 12.1              | 14.0           | 16.0           |
|                           | Max.               | kW      | 12.1              | 14.0           | 16.0           |
| Heating capacity          | Rated              | kW      | 12.1              | 14.0           | 16.0           |
|                           | Max.               | kW      | 14.0              | 16.5           | 18.5           |
| SEER                      | Ducted             | -       | 6.70              | 6.88           | 6.96           |
|                           | Cassette           | -       | 6.70              | 6.79           | 6.55           |
| SCOP                      | Ducted             | -       | 3.97              | 4.24           | 4.04           |
|                           | Cassette           | -       | 3.93              | 4.24           | 4.06           |
| Max. circuit/Fuse current |                    | A       | 32                | 32             | 40             |
| Power supply              |                    | V/Ph/Hz | 220-240V~ 50/60Hz |                |                |
| Maximum drive IDU NO.     |                    | unit    | 6                 | 7              | 8              |
| Refrigerant charge volume |                    | kg      | 5                 | 5              | 5              |
| Sound power level         |                    | dB(A)   | 75                | 75             | 77             |
| Connecting pipe           | Liquid             | mm      | Φ 9.52            | Φ 9.52         | Φ 9.52         |
|                           | Gas                | mm      | Φ 15.90           | Φ 15.90        | Φ 19.05        |
|                           | Gas(high pressure) | mm      | Φ 12.7            | Φ 12.7         | Φ 12.7         |
| Dimension(W × D × H)      | Outline            | mm      | 900 ×340 ×1345    | 900 ×340 ×1345 | 900 ×340 ×1345 |
|                           | Package            | mm      | 998 ×458 ×1500    | 998 ×458 ×1500 | 998 ×458 ×1500 |
| Net weight/ Gross weight  |                    | kg      | 113/123           | 113/123        | 113/123        |
| Loading quantity          | 40'GP              | unit    | 57                | 57             | 57             |
|                           | 40'HQ              | unit    | 57                | 57             | 57             |

GMV6



DC Inverter Multi VRF Unit (R410A, Inverter)

Gree new generation modular all inverter VRF unit GMV6 adopts world-leading CAN+ communication technology, energy-saving technology, high-efficiency smart control and other innovative technologies. This unit is also with new generation smart management control solution as well as clean and healthy fresh air solution. It enables excellent energy conservation, comfort and stability.



Energy saving function



High efficiency



Easier maintainability



Wide operation range



Golden fin condenser



Centralized control



Long-distance monitoring



Inner groove copper



Long connection pipe design



Intelligent defrosting



Modular operating



Comprehensive protection



All DC inverter technology



High ESP



Wide voltage range



Auto addressing technology

- » Adopt high-efficiency EVI system design ; the compressor matches with the complete unit perfectly;
- » Adopt new-type big air volume blade. The s-shaped trailing edge design effectively increase the work area of blade to greatly enhance the air volume;
- » Adopt new HPAC modular control method. It can smartly adjust the distribution method according to indoor load requirements to ensure the service life of the whole module and improve the overall energy efficiency;
- » Connect ERV or ERV+DX COIL to effectively remove particulate pollutant for improving indoor air quality;
- » Air-makeup enthalpy-adding compressor design is applied for stronger cooling and heating performance and wider operation range from -30℃~55℃;
- » With compact unit body design, new generation 12HP model saves floor area by 29% compared with the last generation model;
- » New refrigerant and refrigeration oil circular design, and air-makeup enthalpy-adding circulation are adopted for better performances in high-temperature cooling and low-temperature heating and more reliable operation.



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GMV6 CP Outdoor Unit Lineup (380-415V 3N~ 50/60Hz)

| HP | Model           | GMV-224WM/H1-X | GMV-280WM/H1-X | GMV-335WM/H1-X | GMV-400WM/H1-X | GMV-450WM/H1-X | GMV-504WM/H1-X | GMV-560WM/H1-X | GMV-615WM/H1-X |
|----|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 8  | GMV-224WM/H1-X  | ●              |                |                |                |                |                |                |                |
| 10 | GMV-280WM/H1-X  |                | ●              |                |                |                |                |                |                |
| 12 | GMV-335WM/H1-X  |                |                | ●              |                |                |                |                |                |
| 14 | GMV-400WM/H1-X  |                |                |                | ●              |                |                |                |                |
| 16 | GMV-450WM/H1-X  |                |                |                |                | ●              |                |                |                |
| 18 | GMV-504WM/H1-X  |                |                |                |                |                | ●              |                |                |
| 20 | GMV-560WM/H1-X  |                |                |                |                |                |                | ●              |                |
| 22 | GMV-615WM/H1-X  |                |                |                |                |                |                |                | ●              |
| 24 | GMV-680WM/H1-X  |                | ●              |                | ●              |                |                |                |                |
| 26 | GMV-730WM/H1-X  |                | ●              |                |                | ●              |                |                |                |
| 28 | GMV-784WM/H1-X  |                | ●              |                |                |                | ●              |                |                |
| 30 | GMV-840WM/H1-X  |                | ●              |                |                |                |                | ●              |                |
| 32 | GMV-895WM/H1-X  |                | ●              |                |                |                |                |                | ●              |
| 34 | GMV-950WM/H1-X  |                |                | ●              |                |                |                |                | ●              |
| 36 | GMV-1015WM/H1-X |                |                |                | ●              |                |                |                | ●              |
| 38 | GMV-1065WM/H1-X |                |                |                |                | ●              |                |                |                |
| 40 | GMV-1119WM/H1-X |                |                |                |                |                | ●              |                | ●              |
| 42 | GMV-1175WM/H1-X |                |                |                |                |                |                | ●              | ●              |
| 44 | GMV-1230WM/H1-X |                |                |                |                |                |                |                | ●●             |
| 46 | GMV-1290WM/H1-X |                | ●              |                |                | ●              |                | ●              |                |
| 48 | GMV-1345WM/H1-X |                | ●              |                |                | ●              |                |                | ●              |
| 50 | GMV-1400WM/H1-X |                |                | ●              |                | ●              |                |                | ●              |
| 52 | GMV-1455WM/H1-X |                | ●              |                |                |                |                | ●              | ●              |
| 54 | GMV-1510WM/H1-X |                | ●              |                |                |                |                |                | ●●             |
| 56 | GMV-1565WM/H1-X |                |                | ●              |                |                |                |                | ●●             |
| 58 | GMV-1630WM/H1-X |                |                |                | ●              |                |                |                | ●●             |
| 60 | GMV-1680WM/H1-X |                |                |                |                | ●              |                |                | ●●             |
| 62 | GMV-1734WM/H1-X |                |                |                |                |                | ●              |                | ●●             |
| 64 | GMV-1790WM/H1-X |                |                |                |                |                |                | ●              | ●●             |
| 66 | GMV-1845WM/H1-X |                |                |                |                |                |                | ●              | ●●●            |
| 68 | GMV-1905WM/H1-X |                | ●              |                |                | ●              |                | ●              | ●              |
| 70 | GMV-1959WM/H1-X |                | ●              |                |                |                | ●              | ●              | ●              |
| 72 | GMV-2015WM/H1-X |                | ●              |                |                |                |                | ●●             | ●              |
| 74 | GMV-2070WM/H1-X |                | ●              |                |                |                |                | ●              | ●●             |
| 76 | GMV-2125WM/H1-X |                | ●              |                |                |                |                |                | ●●●            |
| 78 | GMV-2180WM/H1-X |                |                | ●              |                |                |                |                | ●●●            |
| 80 | GMV-2245WM/H1-X |                |                |                | ●              |                |                |                | ●●●            |
| 82 | GMV-2295WM/H1-X |                |                |                |                | ●              |                |                | ●●●            |
| 84 | GMV-2349WM/H1-X |                |                |                |                |                | ●              |                | ●●●            |
| 86 | GMV-2405WM/H1-X |                |                |                |                |                |                | ●              | ●●●            |
| 88 | GMV-2460WM/H1-X |                |                |                |                |                |                |                | ●●●●           |

GMV6 Outdoor Unit Lineup (380-415V 3N~ 50/60Hz)

| HP | Model          | GMV-224WM/H-X | GMV-280WM/H-X | GMV-335WM/H-X | GMV-400WM/H-X | GMV-450WM/H-X | GMV-504WM/H-X | GMV-560WM/H-X | GMV-615WM/H-X |
|----|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 8  | GMV-224WM/H-X  | ●             |               |               |               |               |               |               |               |
| 10 | GMV-280WM/H-X  |               | ●             |               |               |               |               |               |               |
| 12 | GMV-335WM/H-X  |               |               | ●             |               |               |               |               |               |
| 14 | GMV-400WM/H-X  |               |               |               | ●             |               |               |               |               |
| 16 | GMV-450WM/H-X  |               |               |               |               | ●             |               |               |               |
| 18 | GMV-504WM/H-X  |               |               |               |               |               | ●             |               |               |
| 20 | GMV-560WM/H-X  |               |               |               |               |               |               | ●             |               |
| 22 | GMV-615WM/H-X  |               |               |               |               |               |               |               | ●             |
| 24 | GMV-680WM/H-X  |               | ●             |               | ●             |               |               |               |               |
| 26 | GMV-730WM/H-X  |               | ●             |               |               | ●             |               |               |               |
| 28 | GMV-784WM/H-X  |               | ●             |               |               |               | ●             |               |               |
| 30 | GMV-840WM/H-X  |               | ●             |               |               |               |               | ●             |               |
| 32 | GMV-895WM/H-X  |               | ●             |               |               |               |               |               | ●             |
| 34 | GMV-950WM/H-X  |               |               | ●             |               |               |               |               | ●             |
| 36 | GMV-1015WM/H-X |               |               |               | ●             |               |               |               | ●             |
| 38 | GMV-1065WM/H-X |               |               |               |               | ●             |               |               |               |
| 40 | GMV-1119WM/H-X |               |               |               |               |               | ●             |               | ●             |
| 42 | GMV-1175WM/H-X |               |               |               |               |               |               | ●             | ●             |
| 44 | GMV-1230WM/H-X |               |               |               |               |               |               |               | ●●            |
| 46 | GMV-1290WM/H-X |               | ●             |               |               | ●             |               | ●             |               |
| 48 | GMV-1345WM/H-X |               | ●             |               |               | ●             |               |               | ●             |
| 50 | GMV-1400WM/H-X |               |               | ●             |               | ●             |               |               | ●             |
| 52 | GMV-1455WM/H-X |               | ●             |               |               |               |               | ●             | ●             |
| 54 | GMV-1510WM/H-X |               | ●             |               |               |               |               |               | ●●            |
| 56 | GMV-1565WM/H-X |               |               | ●             |               |               |               |               | ●●            |
| 58 | GMV-1630WM/H-X |               |               |               | ●             |               |               |               | ●●            |
| 60 | GMV-1680WM/H-X |               |               |               |               | ●             |               |               | ●●            |
| 62 | GMV-1734WM/H-X |               |               |               |               |               | ●             |               | ●●            |
| 64 | GMV-1790WM/H-X |               |               |               |               |               |               | ●             | ●●            |
| 66 | GMV-1845WM/H-X |               |               |               |               |               |               |               | ●●●           |
| 68 | GMV-1905WM/H-X |               | ●             |               |               | ●             |               | ●             | ●             |
| 70 | GMV-1959WM/H-X |               | ●             |               |               |               | ●             | ●             | ●             |
| 72 | GMV-2015WM/H-X |               | ●             |               |               |               |               | ●●            | ●             |
| 74 | GMV-2070WM/H-X |               | ●             |               |               |               |               | ●             | ●●            |
| 76 | GMV-2125WM/H-X |               | ●             |               |               |               |               |               | ●●●           |
| 78 | GMV-2180WM/H-X |               |               | ●             |               |               |               |               | ●●●           |
| 80 | GMV-2245WM/H-X |               |               |               | ●             |               |               |               | ●●●           |
| 82 | GMV-2295WM/H-X |               |               |               |               | ●             |               |               | ●●●           |
| 84 | GMV-2349WM/H-X |               |               |               |               |               | ●             |               | ●●●           |
| 86 | GMV-2405WM/H-X |               |               |               |               |               |               | ●             | ●●●           |
| 88 | GMV-2460WM/H-X |               |               |               |               |               |               |               | ●●●●          |



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| Model                          |            |         | GMV-224WM/<br>H(1)-X | GMV-280WM/<br>H(1)-X | GMV-335WM/<br>H(1)-X | GMV-400WM/<br>H(1)-X | GMV-450WM/<br>H(1)-X | GMV-504WM/<br>H(1)-X | GMV-560WM/<br>H(1)-X | GMV-615WM/<br>H(1)-X |
|--------------------------------|------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Capacity range                 |            | HP      | 8                    | 10                   | 12                   | 14                   | 16                   | 18                   | 20                   | 22                   |
| Cooling capacity               | Rated *    | kW      | 22.4                 | 28.0                 | 33.5                 | 40.0                 | 45.0                 | 50.4                 | 52.0                 | 52.0                 |
|                                | Max.       | kW      | 22.4                 | 28.0                 | 33.5                 | 40.0                 | 45.0                 | 50.4                 | 56.0                 | 61.5                 |
| Heating capacity               | Rated *    | kW      | 22.4                 | 28.0                 | 33.5                 | 40.0                 | 45.0                 | 50.4                 | 56.0                 | 56.0                 |
|                                | Max.       | kW      | 25.0                 | 31.5                 | 37.5                 | 45.0                 | 50.0                 | 56.5                 | 63.0                 | 69.0                 |
| SEER                           | Ducted *   | -       | 7.10                 | 6.66                 | 6.31                 | 6.75                 | 6.24                 | 6.12                 | 5.97                 | 6.02                 |
|                                | Cassette * | -       | 7.80                 | 6.33                 | 6.58                 | 6.74                 | 6.41                 | 6.44                 | 5.67                 | 5.75                 |
| SCOP                           | Ducted *   | -       | 4.62                 | 4.80                 | 4.40                 | 4.80                 | 4.84                 | 4.19                 | 4.10                 | 4.10                 |
|                                | Cassette * | -       | 4.50                 | 4.75                 | 4.66                 | 4.44                 | 4.44                 | 3.71                 | 3.71                 | 3.71                 |
| ηs,c                           | Ducted *   | %       | 281.0                | 263.4                | 249.4                | 267.0                | 246.6                | 241.8                | 235.8                | 237.8                |
|                                | Cassette * | %       | 309.0                | 250.0                | 260.2                | 266.4                | 253.3                | 254.4                | 223.8                | 226.9                |
| ηs,h                           | Ducted *   | %       | 181.8                | 189.0                | 173.0                | 189.0                | 190.6                | 164.6                | 161.0                | 161.0                |
|                                | Cassette * | %       | 177.0                | 187.0                | 183.4                | 174.6                | 174.6                | 145.4                | 145.4                | 145.4                |
| Power supply                   |            | V/Ph/Hz | 380-415V 3N~ 50/60Hz |                      |                      |                      |                      |                      |                      |                      |
| Min. circuit/Max. Fuse current |            | A       | 23.0/25.0            | 23.5/25.0            | 24.1/25.0            | 37.5/40.0            | 39.3/40.0            | 47.0/50.0            | 48.0/50.0            | 49.0/50.0            |
| Maximum drive IDU NO.          |            | unit    | 13                   | 16                   | 19                   | 23                   | 26                   | 29                   | 33                   | 36                   |
| Refrigerant charge volume      |            | kg      | 5.5                  | 5.5                  | 7.5                  | 7.5                  | 8.3                  | 8.3                  | 8.3                  | 8.3                  |
| Sound pressure level(Cooling)  |            | dB(A)   | 56                   | 57                   | 59                   | 59                   | 60                   | 61                   | 62                   | 63                   |
| Sound power level(Cooling)     | Ducted *   | dB(A)   | 80                   | 84                   | 86                   | 90                   | 93                   | 93                   | 93                   | 93                   |
|                                | Cassette * | dB(A)   | 82                   | 86                   | 86                   | 88                   | 93                   | 88                   | 94                   | 94                   |
| Connecting pipe                | Liquid     | mm      | Φ9.52                | Φ9.52                | Φ12.70               | Φ12.70               | Φ12.70               | Φ15.90               | Φ15.90               | Φ15.90               |
|                                | Gas        | mm      | Φ19.05               | Φ22.2                | Φ25.40               | Φ25.40               | Φ28.60               | Φ28.60               | Φ28.60               | Φ28.60               |
| Dimension(W×D×H)               |            | Outline | mm                   | 930×775×1690         | 930×775×1690         | 930×775×1690         | 1340×775×1690        | 1340×775×1690        | 1340×775×1690        | 1340×775×1690        |
|                                |            | Package | mm                   | 1000×830×1855        | 1000×830×1855        | 1000×830×1855        | 1400×830×1855        | 1400×830×1855        | 1400×830×1855        | 1400×830×1855        |
| Net weight/Gross weight        |            | kg      | 220/230              | 220/230              | 240/250              | 300/315              | 300/315              | 350/365              | 350/365              | 355/370              |
| Loading quantity               | 20' GP     | unit    | 12                   | 12                   | 12                   | 10                   | 10                   | 10                   | 10                   | 10                   |
|                                | 40' GP     | unit    | 28                   | 28                   | 28                   | 22                   | 22                   | 22                   | 22                   | 22                   |
|                                | 40' HQ     | unit    | 28                   | 28                   | 28                   | 22                   | 22                   | 22                   | 22                   | 22                   |

Note: The data is Eurovent certified.

Specifications of ODU Combinations

| HP | Model            | Power Supply        | Capacity |       |         |       | SEER    |           | SCOP    |           | ηs,c    |           | ηs,h    |           | Sound power level (Cooling) | Dimension (W×D×H)              | Airflow Volume      | ESP   | Connecting pipe |             | Min.circuitcurrent | Max.fusecurrent | Net weight      |
|----|------------------|---------------------|----------|-------|---------|-------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|-----------------------------|--------------------------------|---------------------|-------|-----------------|-------------|--------------------|-----------------|-----------------|
|    |                  |                     | Cooling  |       | Heating |       | Ducted* | Cassette* | Ducted* | Cassette* | Ducted* | Cassette* | Ducted* | Cassette* |                             |                                |                     |       |                 |             |                    |                 |                 |
|    |                  |                     | Rated    | Max.  | Rated   | Max.  |         |           |         |           |         |           |         |           |                             |                                |                     |       |                 |             |                    |                 |                 |
|    |                  |                     | kW       | kW    | kW      | kW    |         |           |         |           |         |           |         |           |                             |                                |                     |       | -               | -           |                    |                 |                 |
| 24 | GMV-680WMH(1)-X  | 380~415V 3N~50/60Hz | 68.0     | 68.0  | 68.0    | 76.5  | 6.71    | 6.56      | 4.80    | 4.56      | 265.4   | 259.4     | 188.9   | 179.5     | 90                          | 930×775×1690+1340×775×1690     | 10500+13500         | 110   | Φ15.9           | Φ28.6       | 23.5+37.5          | 25+40           | 220+300         |
| 26 | GMV-730WMH(1)-X  |                     | 73.0     | 73.0  | 73.0    | 81.5  | 6.39    | 6.37      | 4.82    | 4.56      | 252.7   | 252.0     | 189.9   | 179.5     | 93                          |                                | 10500+15400         | 110   | Φ19.05          | Φ31.8       | 23.5+39.3          | 25+40           | 220+300         |
| 28 | GMV-784WMH(1)-X  |                     | 78.4     | 78.4  | 78.4    | 88.0  | 6.30    | 6.40      | 4.39    | 4.00      | 248.9   | 252.8     | 172.4   | 156.9     | 93                          |                                | 10500+16000         | 110   | Φ19.05          | Φ31.8       | 23.5+47            | 25+50           | 220+350         |
| 30 | GMV-840WMH(1)-X  |                     | 80.0     | 84.0  | 84.0    | 94.5  | 6.19    | 5.87      | 4.31    | 4.00      | 244.6   | 231.9     | 169.4   | 156.9     | 93                          |                                | 10500+16500         | 110   | Φ19.05          | Φ31.8       | 23.5+48            | 25+50           | 220+350         |
| 32 | GMV-895WMH(1)-X  |                     | 80.0     | 89.5  | 89.5    | 100.5 | 6.22    | 5.93      | 4.31    | 4.00      | 245.9   | 234.3     | 169.4   | 156.9     | 93                          |                                | 10500+16500         | 110   | Φ19.05          | Φ31.8       | 23.5+49            | 25+50           | 220+355         |
| 34 | GMV-950WMH(1)-X  |                     | 85.5     | 95.0  | 95.0    | 106.5 | 6.13    | 6.04      | 4.20    | 4.01      | 242.0   | 238.7     | 165.1   | 157.4     | 93                          |                                | 11100+16500         | 110   | Φ19.05          | Φ31.8       | 24.1+49            | 25+50           | 240+355         |
| 36 | GMV-1015WMH(1)-X |                     | 92.0     | 101.5 | 101.5   | 114.0 | 6.31    | 6.13      | 4.35    | 3.98      | 249.4   | 242.4     | 170.8   | 156.3     | 94                          |                                | 13500+16500         | 110   | Φ19.05          | Φ38.1       | 37.5+49            | 40+50           | 300+355         |
| 38 | GMV-1065WMH(1)-X |                     | 97.0     | 106.5 | 106.5   | 119.0 | 6.12    | 6.03      | 4.38    | 3.98      | 241.7   | 238.3     | 172.4   | 156.3     | 96                          | (1340×775×1690)×2              | 15400+16500         | 110   | Φ19.05          | Φ38.1       | 39.3+49            | 40+50           | 300+355         |
| 40 | GMV-1119WMH(1)-X |                     | 102.4    | 111.9 | 111.9   | 125.5 | 6.06    | 6.06      | 4.14    | 3.71      | 239.6   | 239.4     | 162.6   | 145.2     | 96                          |                                | 16000+16500         | 110   | Φ19.05          | Φ38.1       | 47+49              | 50+50           | 350+355         |
| 42 | GMV-1175WMH(1)-X |                     | 104.0    | 117.5 | 117.5   | 132.0 | 5.99    | 5.70      | 4.10    | 3.71      | 236.7   | 225.0     | 161.0   | 145.2     | 96                          |                                | 16500×2             | 110   | Φ19.05          | Φ38.1       | 48+49              | 50+50           | 350+355         |
| 44 | GMV-1230WMH(1)-X |                     | 104.0    | 123.0 | 123.0   | 138.0 | 6.02    | 5.74      | 4.10    | 3.71      | 237.6   | 226.7     | 161.0   | 145.2     | 96                          |                                | 16500×2             | 110   | Φ19.05          | Φ38.1       | 49+49              | 50+50           | 355×2           |
| 46 | GMV-1280WMH(1)-X |                     | 125.0    | 129.0 | 129.0   | 144.5 | 6.21    | 6.05      | 4.47    | 4.13      | 245.3   | 239.2     | 175.8   | 162.3     | 96                          |                                | 10500+15400+16500   | 110   | Φ19.05          | Φ38.1       | 23.5+39.3+48       | 25+40+50        | 220+300+350     |
| 48 | GMV-1345WMH(1)-X |                     | 125.0    | 134.5 | 134.5   | 150.5 | 6.23    | 6.09      | 4.47    | 4.13      | 246.2   | 240.8     | 175.8   | 162.3     | 96                          |                                | 10500+15400+16500   | 110   | Φ19.05          | Φ38.1       | 23.5+39.3+49       | 25+40+50        | 220+300+355     |
| 50 | GMV-1400WMH(1)-X |                     | 130.5    | 140.0 | 140.0   | 156.5 | 6.16    | 6.16      | 4.39    | 4.13      | 243.6   | 243.5     | 172.5   | 162.4     | 96                          | 930×775×1690+(1340×775×1690)×2 | 11100+15400+16500   | 110   | Φ19.05          | Φ41.3       | 24.1+39.3+49       | 25+40+50        | 240+300+355     |
| 52 | GMV-1455WMH(1)-X |                     | 132.0    | 145.5 | 145.5   | 163.5 | 6.12    | 5.82      | 4.22    | 3.88      | 241.8   | 229.8     | 165.9   | 152.0     | 96                          |                                | 10500+16500×2       | 110   | Φ19.05          | Φ41.3       | 23.5+48+49         | 25+50+50        | 220+350+355     |
| 54 | GMV-1510WMH(1)-X |                     | 132.0    | 151.0 | 151.0   | 169.5 | 6.14    | 5.85      | 4.22    | 3.88      | 242.6   | 231.2     | 165.9   | 152.0     | 96                          |                                | 10500+16500×2       | 110   | Φ19.05          | Φ41.3       | 23.5+49+49         | 25+50+50        | 220+355×2       |
| 56 | GMV-1565WMH(1)-X |                     | 137.5    | 156.5 | 156.5   | 175.5 | 6.08    | 5.92      | 4.16    | 3.89      | 240.3   | 234.0     | 163.5   | 152.5     | 96                          |                                | 11100+16500×2       | 110   | Φ19.05          | Φ41.3       | 24.1+49+49         | 25+50+50        | 240+355×2       |
| 58 | GMV-1630WMH(1)-X |                     | 144.0    | 163.0 | 163.0   | 183.0 | 6.20    | 5.99      | 4.25    | 3.88      | 245.0   | 236.5     | 167.0   | 152.0     | 96                          | (1340×775×1690)×3              | 13500+16500×2       | 110   | Φ19.05          | Φ41.3       | 37.5+49+49         | 40+50+50        | 300+355×2       |
| 60 | GMV-1680WMH(1)-X |                     | 149.0    | 168.0 | 168.0   | 188.0 | 6.08    | 5.93      | 4.28    | 3.88      | 240.3   | 234.1     | 168.1   | 152.0     | 97                          |                                | 15400+16500×2       | 110   | Φ19.05          | Φ41.3       | 39.3+49+49         | 40+50+50        | 300+355×2       |
| 62 | GMV-1734WMH(1)-X |                     | 154.4    | 173.4 | 173.4   | 194.5 | 6.05    | 5.95      | 4.13    | 3.71      | 238.9   | 234.9     | 162.1   | 145.2     | 97                          |                                | 16000+16500×2       | 110   | Φ19.05          | Φ41.3       | 47+49+49           | 50+50+50        | 350+355×2       |
| 64 | GMV-1790WMH(1)-X |                     | 156.0    | 179.0 | 0       | 201   | 6.00    | 5.71      | 4.10    | 3.71      | 237.0   | 225.5     | 161.0   | 145.2     | 97                          |                                | 16500×3             | 110   | Φ19.05          | Φ41.3       | 48+49+49           | 50+50+50        | 350+355×2       |
| 66 | GMV-1845WMH(1)-X |                     | 156.0    | 184.5 | 184.5   | 207.0 | 6.02    | 5.74      | 4.10    | 3.71      | 237.6   | 226.7     | 161.0   | 145.2     | 97                          |                                | 16500×3             | 110   | Φ19.05          | Φ41.3       | 49+49+49           | 50+50+50        | 355×3           |
| 68 | GMV-1905WMH(1)-X |                     | 177.0    | 190.5 | 190.5   | 213.5 | 6.15    | 5.96      | 4.35    | 3.99      | 243.0   | 235.3     | 171.0   | 156.6     | 97                          | 930×775×1690+(1340×775×1690)×3 | 10500+15400+16500×2 | 110   | Φ22.2           | Φ44.5       | 23.5+39.3+48+49    | 25+40+50+50     | 220+300+350+355 |
| 70 | GMV-1959WMH(1)-X |                     | 182.4    | 195.9 | 195.9   | 220.0 | 6.12    | 5.98      | 4.21    | 3.83      | 241.7   | 236.0     | 165.5   | 150.0     | 97                          |                                | 10500+16000+16500×2 | 110   | Φ22.2           | Φ44.5       | 23.5+47+48+49      | 25+50+50+50     | 220+350×2+355   |
| 72 | GMV-2015WMH(1)-X |                     | 184.0    | 201.5 | 201.5   | 226.5 | 6.08    | 5.77      | 4.19    | 3.83      | 240.0   | 227.9     | 164.5   | 150.0     | 97                          |                                | 10500+16500×3       | 110   | Φ22.2           | Φ44.5       | 23.5+48+48+49      | 25+50+50+50     | 220+350×2+355   |
| 74 | GMV-2070WMH(1)-X |                     | 184.0    | 207.0 | 207.0   | 232.5 | 6.09    | 5.80      | 4.19    | 3.83      | 240.6   | 228.9     | 164.5   | 150.0     | 97                          |                                | 10500+16500×3       | 110   | Φ22.2           | Φ44.5       | 23.5+48+49+49      | 25+50+50+50     | 220+350+355×2   |
| 76 | GMV-2125WMH(1)-X |                     | 184.0    | 212.5 | 212.5   | 238.5 | 6.10    | 5.82      | 4.19    | 3.83      | 241.2   | 229.9     | 164.5   | 150.0     | 97                          |                                | 10500+16500×3       | 110   | Φ22.2           | Φ44.5       | 23.5+49+49+49      | 25+50+50+50     | 220+355×3       |
| 78 | GMV-2180WMH(1)-X |                     | 189.5    | 218.0 | 218.0   | 244.5 | 6.06    | 5.87      | 4.14    | 3.83      | 239.6   | 231.9     | 162.8   | 150.4     | 98                          |                                | 11100+16500×3       | 110   | Φ22.2           | Φ44.5       | 24.1+49+49+49      | 25+50+50+50     | 240+355×3       |
| 80 | GMV-2245WMH(1)-X |                     | 196.0    | 224.5 | 224.5   | 252.0 | 6.15    | 5.92      | 4.21    | 3.83      | 243.0   | 233.8     | 165.3   | 150.1     | 98                          | (1340×775×1690)×4              | 13500+16500×3       | 110   | Φ22.2           | Φ44.5       | 37.5+49+49+49      | 40+50+50+50     | 300+355×3       |
| 82 | GMV-2295WMH(1)-X |                     | 201.0    | 229.5 | 229.5   | 257.0 | 6.06    | 5.88      | 4.23    | 3.83      | 239.6   | 232.1     | 166.1   | 150.1     | 99                          |                                | 15400+16500×3       | 110   | Φ22.2           | Φ44.5       | 39.3+49+49+49      | 40+50+50+50     | 300+355×3       |
| 84 | GMV-2349WMH(1)-X |                     | 206.4    | 234.9 | 234.9   | 263.5 | 6.04    | 5.89      | 4.12    | 3.71      | 238.6   | 232.8     | 161.8   | 145.2     | 99                          | (1340×775×1690)×4              | 16000+16500×3       | 110   | Φ22.2           | Φ44.5       | 47+49+49+49        | 50+50+50+50     | 350+355×3       |
| 86 | GMV-2405WMH(1)-X | 208.0               | 240.5    | 240.5 | 270.0   | 6.00  | 5.72    | 4.10      | 3.71    | 237.1     | 225.8   | 161.0     | 145.2   | 99        | 16500×4                     |                                | 110                 | Φ22.2 | Φ44.5           | 48+49+49+49 | 50+50+50+50        | 350+355×3       |                 |
| 88 | GMV-2460WMH(1)-X | 208.0               | 246.0    | 246.0 | 276.0   | 6.02  | 5.74    | 4.10      | 3.71    | 237.6     | 226.7   | 161.0     | 145.2   | 99        | 16500×4                     |                                | 110                 | Φ22.2 | Φ44.5           | 49+49+49+49 | 50+50+50+50        | 355×4           |                 |



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## GMV6 HR



GMV6 HR Series integrates multiple functions of cooling, heating, water heating, floor heating and heat supply, featuring powerful functions and convenient operation. It adopts DC inverter enthalpy-adding compressor and brand new high-efficiency heat exchanger, to achieve -25℃ ultra-low ambient temperature heating, continuous heating and other functions for more energy savings and higher energy efficiency.

Continuous heating

Energy saving function

High efficiency

Easier maintainability

Golden fin condenser

Centralized control

Long-distance monitoring

Comprehensive protection

Hot water

Long connection pipe design

Intelligent defrosting

Low temperature heating

Quiet function

Modular operating

Wide operation range

- » The indoor unit can perform cooling and heating simultaneously, as well as water heating and floor heating functions;
- » -25℃ ultra-low ambient temperature heating can be achieved;
- » Outdoor unit capacity ranges from 8HP to 22HP with maximum combination capacity of 88HP, meeting various engineering demands;
- » One unit with multiple functions of cooling, heating, water heating, floor heating and heat supply, meeting various demands of the customers;
- » Continuous heating function is available to further improve the comfort and energy efficiency of the unit;
- » High-efficiency enthalpy-adding DC inverter compressor and high-efficiency DC motor are adopted. Energy efficiency reaches 9.0 under heat recovery status;
- » Strong low-temperature injection technology and integrated aluminum electric control and high-efficiency radiation design are adopted, achieving operation in wide ambient temperature range from -25℃~55℃;
- » Outdoor static pressure is up to 110Pa, reducing engineering application requirement and making equipment floor design more convenient;
- » It can match with the new generation mode exchange unit. The compact structure design reduces the size by 20% in maximum. Meanwhile, pipe port design with flexible diameters is adopted for more convenient installation.



| Item    | Nominal operating condition (temperature) |         |                  |         | Operation range (temperature) |
|---------|-------------------------------------------|---------|------------------|---------|-------------------------------|
|         | Outdoor condition                         |         | Indoor condition |         | Outdoor condition             |
|         | DB (°C)                                   | WB (°C) | DB (°C)          | WB (°C) | DB (°C)                       |
| Cooling | 35                                        | 24      | 27               | 19      | -10~55                        |
| Heating | 7                                         | 6       | 20               | 15      | -25~24                        |

## Mode Exchange Unit

| Model  | Product Outlook |
|--------|-----------------|
| NCHS1D |                 |
| NCHS2D |                 |
| NCHS4D |                 |
| NCHS8D |                 |

## Hydro Box

| Model       | Product Outlook |
|-------------|-----------------|
| NRQR16L/A-T |                 |
| NRQR30L/A-T |                 |

## Outdoor Unit (380-415V 3N~50/60Hz)

| Model                          |             | GMV-VQ224WM/C-X | GMV-VQ280WM/C-X | GMV-VQ335WM/C-X | GMV-VQ400WM/C-X | GMV-VQ450WM/C-X | GMV-VQ504WM/C-X | GMV-VQ560WM/C-X | GMV-VQ615WM/C-X |
|--------------------------------|-------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Capacity range                 | HP          | 8               | 10              | 12              | 14              | 16              | 18              | 20              | 22              |
| Cooling capacity               | Rated *     | kW              | 22.4            | 28.0            | 33.5            | 40.0            | 45.0            | 50.4            | 52.0            |
|                                | Max.        | kW              | 22.4            | 28.0            | 33.5            | 40.0            | 45.0            | 50.4            | 52.0            |
| Heating capacity               | Rated *     | kW              | 22.4            | 28.0            | 33.5            | 40.0            | 45.0            | 50.4            | 56.0            |
|                                | Max.        | kW              | 25.0            | 31.5            | 37.5            | 45.0            | 50.0            | 56.5            | 63.0            |
| SEER                           | Ducted *    | -               | 7.00            | 6.76            | 6.61            | 6.97            | 6.53            | 6.54            | 6.38            |
|                                | Cassette *  | -               | 7.25            | 6.49            | 6.73            | 6.25            | 6.22            | 6.78            | 6.36            |
| SCOP                           | Ducted *    | -               | 4.32            | 4.58            | 4.74            | 4.44            | 4.42            | 4.25            | 4.15            |
|                                | Cassette *  | -               | 4.30            | 4.44            | 4.37            | 4.44            | 4.51            | 4.34            | 4.34            |
| ηs,c                           | Ducted *    | %               | 277.0           | 267.4           | 261.4           | 275.8           | 258.2           | 258.6           | 252.2           |
|                                | Cassette *  | %               | 287.0           | 256.6           | 266.1           | 247.0           | 245.7           | 268.2           | 253.7           |
| ηs,h                           | Ducted *    | %               | 169.8           | 180.2           | 186.6           | 174.6           | 173.8           | 167.0           | 163.0           |
|                                | Cassette *  | %               | 169.0           | 174.6           | 171.8           | 174.6           | 177.4           | 170.6           | 170.6           |
| 380-415V 3N~50/60Hz            |             |                 |                 |                 |                 |                 |                 |                 |                 |
| Power supply                   | V/Ph/Hz     |                 |                 |                 |                 |                 |                 |                 |                 |
| Min. circuit/Max. Fuse current | A           | 23.0/25         | 23.5/25         | 24.1/25         | 37.5/40         | 39.3/40         | 47.0/50         | 48.0/50         | 49.0/50         |
| Max.drive IDU NO.              | unit        | 13              | 16              | 19              | 23              | 26              | 29              | 33              | 36              |
| Refrigerant charge volume      | kg          | 8.2             | 8.5             | 9.6             | 11.1            | 11.6            | 12.8            | 12.8            | 13.3            |
| Airflow rate                   | m³/h        | 9750            | 10500           | 11100           | 13500           | 15400           | 16000           | 16500           | 16500           |
| Sound pressure level(Cooling)  | dB(A)       | 60              | 61              | 63              | 63              | 63              | 63              | 63              | 64              |
| Sound power level(Cooling)     | Ducted *    | dB(A)           | 80              | 82              | 84              | 91              | 88              | 88              | 88              |
|                                | Cassette *  | dB(A)           | 80              | 84              | 86              | 87              | 84              | 87              | 89              |
| Connecting pipe                | Liquid      | mm              | Φ9.52           | Φ9.52           | Φ12.70          | Φ12.70          | Φ15.90          | Φ15.90          | Φ15.90          |
|                                | High pressu | mm              | Φ15.90          | Φ19.05          | Φ19.05          | Φ22.20          | Φ25.40          | Φ25.40          | Φ25.40          |
|                                | Low pressur | mm              | Φ19.05          | Φ22.20          | Φ25.40          | Φ25.40          | Φ28.60          | Φ28.60          | Φ28.60          |
|                                | Package     | mm              | 1000×830×1855   | 1000×830×1855   | 1000×830×1855   | 1400×830×1855   | 1400×830×1855   | 1400×830×1855   | 1400×830×1855   |
| Dimension(W×D×H)               | Outline     | mm              | 930×775×1690    | 930×775×1690    | 930×775×1690    | 1340×775×1690   | 1340×775×1690   | 1340×775×1690   | 1340×775×1690   |
| Net weight/Gross weight        | 20' GP      | unit            | 12              | 12              | 12              | 10              | 10              | 10              | 10              |
|                                | 40' GP      | unit            | 28              | 28              | 28              | 22              | 22              | 22              | 22              |
| Loading quantity               | 20' HQ      | unit            | 28              | 28              | 28              | 22              | 22              | 22              | 22              |
|                                | 40' HQ      | unit            | 28              | 28              | 28              | 22              | 22              | 22              | 22              |

Note: The data is Eurovent certified.

## Mode Exchange Unit

| Model                             |               |                   | NCHS1D             | NCHS2D          | NCHS4D          | NCHS8D           |
|-----------------------------------|---------------|-------------------|--------------------|-----------------|-----------------|------------------|
| Number of branches                |               | unit              | 1                  | 2               | 4               | 8                |
| Max. number of connectable IDUs   | Per branch    | unit              | 8                  | 8               | 8               | 8                |
|                                   | Total         | unit              | 8                  | 16              | 32              | 64               |
| Max. capacity of connectable IDUs | Per branch    | kW                | 16                 | 16              | 16              | 16               |
|                                   | Total         | kW                | 16                 | 28              | 45              | 85               |
| Power supply                      |               | V/Ph/Hz           | 220-240V ~ 50/60Hz |                 |                 |                  |
| Power consumption                 | Cooling       | W                 | 14                 | 25              | 32              | 90               |
|                                   | Heating       | W                 | 14                 | 25              | 32              | 90               |
| Piping connections                | Outdoor units | Liquid            | mm                 | Φ9.52           | Φ9.52           | Φ12.70           |
|                                   |               | High pressure gas | mm                 | Φ19.05          | Φ19.05          | Φ22.20           |
|                                   |               | Low pressure gas  | mm                 | Φ22.2           | Φ22.2           | Φ28.6            |
|                                   | Indoor units  | Liquid            | mm                 | Φ6.35/9.52      | Φ6.35/9.52      | Φ6.35/9.52       |
|                                   |               | Gas               | mm                 | Φ12.7/15.9      | Φ12.7/15.9      | Φ12.7/15.9       |
| Dimension(W × D × H)              | Outline       | mm                | 340 × 388 × 250    | 340 × 388 × 250 | 460 × 388 × 250 | 784 × 388 × 250  |
|                                   | Package       | mm                | 863 × 624 × 298    | 863 × 624 × 298 | 979 × 624 × 303 | 1300 × 624 × 288 |
| Net weight/Gross weight           |               | kg                | 12.0/17.5          | 14.5/20.5       | 20.6/27.0       | 33.0/42.0        |

CAC

Hydro Box

| Model                      |                  |        | NRQR16L/A-T   |  | NRQR30L/A-T                       |  |
|----------------------------|------------------|--------|---------------|--|-----------------------------------|--|
| Floor heating capacity     |                  |        | kW            |  | 16                                |  |
| Hot water heating capacity |                  |        | kW            |  | 4.5 (3.6~16)                      |  |
| Power supply               |                  |        | V/Ph/Hz       |  | 220-240V ~ 50Hz & 208-230V ~ 60Hz |  |
| Connecting pipe diameter   | to exchange unit | Gas    | mm            |  | 15.9                              |  |
|                            | to water tank    | Liquid | mm            |  | 9.52                              |  |
| Rated water flow           |                  |        | L/min         |  | 25                                |  |
| Dimension(W × D × H)       |                  |        | mm            |  | 46                                |  |
| Outling Package            |                  |        | mm            |  | 515 × 330 × 606                   |  |
| Net/Gross weight           |                  |        | kg            |  | 685 × 473 × 657                   |  |
| Loading quantity           |                  |        | 40' GP/40' HQ |  | 36/42                             |  |
|                            |                  |        |               |  | 252/336                           |  |
|                            |                  |        |               |  | 40/47                             |  |
|                            |                  |        |               |  | 252/336                           |  |

GMV6 HR Outdoor Units Lineup

| Model            | GMV-VQ224WM/C-X | GMV-VQ280WM/C-X | GMV-VQ335WM/C-X | GMV-VQ400WM/C-X | GMV-VQ450WM/C-X | GMV-VQ504WM/C-X | GMV-VQ560WM/C-X | GMV-VQ615WM/C-X |
|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| GMV-VQ224WM/C-X  | ●               |                 |                 |                 |                 |                 |                 |                 |
| GMV-VQ280WM/C-X  |                 | ●               |                 |                 |                 |                 |                 |                 |
| GMV-VQ335WM/C-X  |                 |                 | ●               |                 |                 |                 |                 |                 |
| GMV-VQ400WM/C-X  |                 |                 |                 | ●               |                 |                 |                 |                 |
| GMV-VQ450WM/C-X  |                 |                 |                 |                 | ●               |                 |                 |                 |
| GMV-VQ504WM/C-X  |                 |                 |                 |                 |                 | ●               |                 |                 |
| GMV-VQ560WM/C-X  |                 |                 |                 |                 |                 |                 | ●               |                 |
| GMV-VQ615WM/C-X  |                 |                 |                 |                 |                 |                 |                 | ●               |
| GMV-VQ680WM/C-X  |                 | ●               |                 | ●               |                 |                 |                 |                 |
| GMV-VQ730WM/C-X  |                 | ●               |                 |                 | ●               |                 |                 |                 |
| GMV-VQ784WM/C-X  |                 | ●               |                 |                 |                 | ●               |                 |                 |
| GMV-VQ840WM/C-X  |                 | ●               |                 |                 |                 |                 | ●               |                 |
| GMV-VQ895WM/C-X  |                 | ●               |                 |                 |                 |                 |                 | ●               |
| GMV-VQ950WM/C-X  |                 |                 | ●               |                 |                 |                 |                 | ●               |
| GMV-VQ1015WM/C-X |                 |                 |                 | ●               |                 |                 |                 | ●               |
| GMV-VQ1065WM/C-X |                 |                 |                 |                 | ●               |                 |                 | ●               |
| GMV-VQ1119WM/C-X |                 |                 |                 |                 |                 | ●               |                 | ●               |
| GMV-VQ1175WM/C-X |                 |                 |                 |                 |                 |                 | ●               | ●               |
| GMV-VQ1230WM/C-X |                 |                 |                 |                 |                 |                 |                 | ●●              |
| GMV-VQ1290WM/C-X |                 | ●               |                 |                 | ●               |                 | ●               |                 |
| GMV-VQ1345WM/C-X |                 | ●               |                 |                 | ●               |                 |                 | ●               |
| GMV-VQ1400WM/C-X |                 |                 | ●               |                 | ●               |                 |                 | ●               |
| GMV-VQ1455WM/C-X |                 | ●               |                 |                 |                 | ●               |                 | ●               |
| GMV-VQ1510WM/C-X |                 | ●               |                 |                 |                 |                 | ●               | ●●              |
| GMV-VQ1565WM/C-X |                 |                 | ●               |                 |                 |                 |                 | ●●              |
| GMV-VQ1630WM/C-X |                 |                 |                 | ●               |                 |                 |                 | ●●              |
| GMV-VQ1680WM/C-X |                 |                 |                 |                 | ●               |                 |                 | ●●              |
| GMV-VQ1734WM/C-X |                 |                 |                 |                 |                 | ●               |                 | ●●              |
| GMV-VQ1790WM/C-X |                 |                 |                 |                 |                 |                 | ●               | ●●              |
| GMV-VQ1845WM/C-X |                 |                 |                 |                 |                 |                 |                 | ●●●             |
| GMV-VQ1905WM/C-X |                 | ●               |                 |                 | ●               |                 | ●               | ●               |
| GMV-VQ1959WM/C-X |                 | ●               |                 |                 |                 | ●               |                 | ●               |
| GMV-VQ2015WM/C-X |                 | ●               |                 |                 |                 |                 | ●●              | ●               |
| GMV-VQ2070WM/C-X |                 | ●               |                 |                 |                 |                 | ●               | ●●              |
| GMV-VQ2125WM/C-X |                 | ●               |                 |                 |                 |                 |                 | ●●●             |
| GMV-VQ2180WM/C-X |                 |                 | ●               |                 |                 |                 |                 | ●●●             |
| GMV-VQ2245WM/C-X |                 |                 |                 | ●               |                 |                 |                 | ●●●             |
| GMV-VQ2295WM/C-X |                 |                 |                 |                 | ●               |                 |                 | ●●●             |
| GMV-VQ2349WM/C-X |                 |                 |                 |                 |                 | ●               |                 | ●●●             |
| GMV-VQ2405WM/C-X |                 |                 |                 |                 |                 |                 | ●               | ●●●             |
| GMV-VQ2460WM/C-X |                 |                 |                 |                 |                 |                 |                 | ●●●●            |

GMV6 HR ( 380-415V 3N~50/60Hz )

| HP | Model            | Power Supply         | Capacity |       |         |       | SEER      |             | SCOP      |             | ηs,c      |             | ηs,h      |             | Sound power level(Cooling)                | Dimension (W×D×H)                         | Airflow Volume   | ESP   | Connecting pipe |          |                 | Min.circ uit current | Max.fuse current | Net weight  |
|----|------------------|----------------------|----------|-------|---------|-------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-------------------------------------------|-------------------------------------------|------------------|-------|-----------------|----------|-----------------|----------------------|------------------|-------------|
|    |                  |                      | Cooling  |       | Heating |       |           |             |           |             |           |             |           |             |                                           |                                           |                  |       | Liquid          | HP Gas   | LP Gas          |                      |                  |             |
|    |                  |                      | Rated    | Max.  | Rated   | Max.  | Ducte d * | Casset te * | Ducte d * | Casset te * | Ducte d * | Casset te * | Ducte d * | Casset te * |                                           |                                           |                  |       |                 |          |                 |                      |                  |             |
|    |                  |                      | kW       | kW    | kW      | kW    | -         | -           | -         | -           | %         | %           | %         | %           | mm                                        | m³/h                                      | Pa               | mm    | mm              | mm       | A               | A                    | kg               |             |
| 24 | GMV-VQ680WM/C-X  | 380-415V 3N~50/60 Hz | 68.0     | 68.0  | 68.0    | 76.5  | 6.88      | 6.34        | 4.50      | 4.44        | 272.2     | 250.7       | 177.0     | 174.5       | 91                                        | 930 × 775 × 1690+1340 × 775 × 1690        | 10500×13500      | 110   | Φ15.9           | Φ25.4    | Φ28.6           | 23.5+37.5            | 25+40            | 243+325     |
| 26 | GMV-VQ730WM/C-X  |                      | 73.0     | 730   | 73.0    | 81.5  | 6.61      | 6.31        | 4.48      | 4.48        | 261.5     | 249.5       | 176.1     | 176.0       | 91                                        |                                           | 10500×15400      | 110   | Φ19.05          | Φ28.6    | Φ31.8           | 23.5+39.3            | 25+40            | 243+325     |
| 28 | GMV-VQ784WM/C-X  |                      | 78.4     | 78.4  | 78.4    | 88.0  | 6.62      | 6.67        | 4.36      | 4.37        | 261.8     | 263.9       | 171.4     | 171.7       | 88                                        |                                           | 10500×16500      | 110   | Φ19.05          | Φ28.6    | Φ31.8           | 23.5+47              | 25+50            | 243+385     |
| 30 | GMV-VQ840WM/C-X  |                      | 80.0     | 84.0  | 84.0    | 94.5  | 6.51      | 6.43        | 4.28      | 4.37        | 257.3     | 254.2       | 168.4     | 171.7       | 88                                        |                                           | 10500×16500      | 110   | Φ19.05          | Φ28.6    | Φ31.8           | 23.5+48              | 25+50            | 243+385     |
| 32 | GMV-VQ895WM/C-X  |                      | 80.0     | 89.5  | 89.5    | 100.5 | 6.47      | 6.39        | 4.28      | 4.37        | 255.7     | 252.6       | 168.4     | 171.7       | 88                                        |                                           | 10500×16500      | 110   | Φ19.05          | Φ28.6    | Φ31.8           | 23.5+49              | 25+50            | 243+385     |
| 34 | GMV-VQ950WM/C-X  |                      | 85.5     | 95.0  | 95.0    | 106.5 | 6.43      | 6.48        | 4.35      | 4.35        | 254.3     | 256.4       | 171.1     | 171.0       | 89                                        |                                           | 11100×16500      | 110   | Φ19.05          | Φ28.6    | Φ31.8           | 24.1+49              | 25+50            | 256+385     |
| 36 | GMV-VQ1015WM/C-X |                      | 92.0     | 101.5 | 101.5   | 114.0 | 6.59      | 6.30        | 4.26      | 4.38        | 260.4     | 249.0       | 167.6     | 172.2       | 92                                        |                                           | 13500×16500      | 110   | Φ19.05          | Φ31.8    | Φ38.1           | 37.5+49              | 40+50            | 325+385     |
| 38 | GMV-VQ1065WM/C-X |                      | 97.0     | 106.5 | 106.5   | 119.0 | 6.41      | 6.28        | 4.26      | 4.41        | 253.5     | 248.2       | 167.5     | 173.2       | 92                                        |                                           | 15400×16500      | 110   | Φ19.05          | Φ31.8    | Φ38.1           | 39.3+49              | 40+50            | 325+385     |
| 40 | GMV-VQ1119WM/C-X |                      | 102.4    | 111.9 | 111.9   | 125.5 | 6.43      | 6.55        | 4.20      | 4.34        | 254.1     | 258.9       | 165.0     | 170.6       | 91                                        | (1340 × 775 × 1690) × 2                   | 16500 × 2        | 110   | Φ19.05          | Φ31.8    | Φ38.1           | 47+49                | 50+50            | 385 × 2     |
| 42 | GMV-VQ1175WM/C-X |                      | 104.0    | 117.5 | 117.5   | 132.0 | 6.35      | 6.37        | 4.15      | 4.34        | 251.0     | 251.8       | 163.2     | 170.6       | 91                                        |                                           | 16500 × 2        | 110   | Φ19.05          | Φ31.8    | Φ38.1           | 48+49                | 50+50            | 385 × 2     |
| 44 | GMV-VQ1230WM/C-X |                      | 104.0    | 123.0 | 123.0   | 138.0 | 6.32      | 6.34        | 4.15      | 4.34        | 249.8     | 250.6       | 163.2     | 170.6       | 91                                        |                                           | 16500 × 2        | 110   | Φ19.05          | Φ31.8    | Φ38.1           | 49+49                | 50+50            | 385 × 2     |
| 46 | GMV-VQ1290WM/C-X |                      | 125.0    | 129.0 | 129.0   | 144.5 | 6.51      | 6.35        | 4.33      | 4.41        | 249.8     | 250.9       | 170.1     | 173.4       | 93                                        | 930 × 775 × 1690 +(1340 × 775 × 1690) × 2 | 10500×15400+1650 | 110   | Φ19.05          | Φ31.8    | Φ38.1           | 23.5+39.3+48         | 25+40+50         | 243+325+385 |
| 48 | GMV-VQ1345WM/C-X |                      | 125.0    | 134.5 | 134.5   | 150.5 | 6.49      | 6.32        | 4.33      | 4.41        | 257.5     | 249.9       | 170.1     | 173.4       | 93                                        |                                           | 10500×15400+1650 | 110   | Φ19.05          | Φ31.8    | Φ38.1           | 23.5+39.3+49         | 25+40+50         | 243+325+385 |
| 50 | GMV-VQ1400WM/C-X |                      | 130.5    | 140.0 | 140.0   | 156.5 | 6.46      | 6.39        | 4.37      | 4.40        | 256.5     | 252.5       | 171.9     | 172.9       | 93                                        |                                           | 11100×15400+1650 | 110   | Φ19.05          | Φ38.1    | Φ41.3           | 24.1+39.3+49         | 25+40+50         | 256+325+385 |
| 52 | GMV-VQ1455WM/C-X |                      | 132.0    | 145.5 | 145.5   | 163.5 | 6.43      | 6.39        | 4.23      | 4.36        | 255.5     | 252.7       | 166.2     | 171.3       | 91                                        |                                           | 10500×16500 × 2  | 110   | Φ19.05          | Φ38.1    | Φ41.3           | 23.5+48+49           | 25+50+50         | 243+385 × 2 |
| 54 | GMV-VQ1510WM/C-X |                      | 132.0    | 151.0 | 151.0   | 169.5 | 6.41      | 6.37        | 4.23      | 4.36        | 254.3     | 251.8       | 166.2     | 171.3       | 91                                        |                                           | 10500×16500 × 2  | 110   | Φ19.05          | Φ38.1    | Φ41.3           | 23.5+49+49           | 25+50+50         | 243+385 × 2 |
| 56 | GMV-VQ1565WM/C-X |                      | 137.5    | 156.5 | 156.5   | 175.5 | 6.39      | 6.43        | 4.27      | 4.35        | 253.3     | 254.2       | 168.0     | 170.9       | 91                                        |                                           | 11100×16500 × 2  | 110   | Φ19.05          | Φ38.1    | Φ41.3           | 24.1+49+49           | 25+50+50         | 256+385 × 2 |
| 58 | GMV-VQ1630WM/C-X |                      | 144.0    | 163.0 | 163.0   | 183.0 | 6.49      | 6.31        | 4.22      | 4.37        | 252.6     | 249.6       | 165.9     | 171.6       | 94                                        | (1340 × 775 × 1690) × 3                   | 13500×16500 × 2  | 110   | Φ19.05          | Φ38.1    | Φ41.3           | 37.5+49+49           | 40+50+50         | 325+385 × 2 |
| 60 | GMV-VQ1680WM/C-X |                      | 149.0    | 168.0 | 168.0   | 188.0 | 6.38      | 6.30        | 4.22      | 4.38        | 256.5     | 249.0       | 165.9     | 172.2       | 94                                        |                                           | 15400×16500 × 2  | 110   | Φ19.05          | Φ38.1    | Φ41.3           | 39.3+49+49           | 40+50+50         | 325+385 × 2 |
| 62 | GMV-VQ1734WM/C-X |                      | 154.4    | 173.4 | 173.4   | 194.5 | 6.39      | 6.48        | 4.18      | 4.34        | 252.2     | 256.0       | 164.4     | 170.6       | 92                                        |                                           | 16500×3          | 110   | Φ19.05          | Φ38.1    | Φ41.3           | 47+49+49             | 50+50+50         | 385 × 3     |
| 64 | GMV-VQ1790WM/C-X |                      | 156.0    | 179.0 | 179.0   | 201.0 | 6.34      | 6.36        | 4.15      | 4.34        | 252.6     | 251.4       | 163.2     | 170.6       | 92                                        |                                           | 16500×3          | 110   | Φ19.05          | Φ38.1    | Φ41.3           | 48+49+49             | 50+50+50         | 385 × 3     |
| 66 | GMV-VQ1845WM/C-X | 156.0                | 184.5    | 184.5 | 207.0   | 6.32  | 6.34      | 4.15        | 4.34      | 250.6       | 250.6     | 163.2       | 170.6     | 92          | 16500 × 3                                 | 110                                       | Φ19.05           | Φ38.1 | Φ41.3           | 49+49+49 | 50+50+50        | 385 × 3              |                  |             |
| 68 | GMV-VQ1905WM/C-X | 177.0                | 190.5    | 190.5 | 213.5   | 6.45  | 6.35      | 4.27        | 4.39      | 249.8       | 250.8     | 167.9       | 172.5     | 94          | 930 × 775 × 1690 +(1340 × 775 × 1690) × 3 | 10500×15400+1650                          | 110              | Φ22.2 | Φ41.3           | Φ44.5    | 23.5+39.3+48+49 | 25+40+50+50          | 243+325+385 × 2  |             |
| 70 | GMV-VQ1959WM/C-X | 182.4                | 195.9    | 195.9 | 220.0   | 6.46  | 6.49      | 4.24        | 4.35      | 255.2       | 256.8     | 166.5       | 171.1     | 93          |                                           | 10500×16500 × 3                           | 110              | Φ22.2 | Φ41.3           | Φ44.5    | 23.5+47+48+49   | 25+50+50+50          | 243+385 × 3      |             |
| 72 | GMV-VQ2015WM/C-X | 184.0                | 201.5    | 201.5 | 226.5   | 6.42  | 6.40      | 4.21        | 4.35      | 255.5       | 252.8     | 165.4       | 171.1     | 93          |                                           | 10500×16500 × 3                           | 110              | Φ22.2 | Φ41.3           | Φ44.5    | 23.5+48+48+49   | 25+50+50+50          | 243+385 × 3      |             |
| 74 | GMV-VQ2070WM/C-X | 184.0                | 207.0    | 207.0 | 232.5   | 6.40  | 6.38      | 4.21        | 4.35      | 253.7       | 252.1     | 165.4       | 171.1     | 93          |                                           | 10500×16500 × 3                           | 110              | Φ22.2 | Φ41.3           | Φ44.5    | 23.5+48+49+49   | 25+50+50+50          | 243+385 × 3      |             |
| 76 | GMV-VQ2125WM/C-X | 184.0                | 212.5    | 212.5 | 238.5   | 6.38  | 6.36      | 4.21        | 4.35      | 253.0       | 251.4     | 165.4       | 171.1     | 93          |                                           | 10500×16500 × 3                           | 110              | Φ22.2 | Φ41.3           | Φ44.5    | 23.5+49+49+49   | 25+50+50+50          | 243+385 × 3      |             |
| 78 | GMV-VQ2180WM/C-X | 189.5                | 218.0    | 218.0 | 244.5   | 6.37  | 6.40      | 4.24        | 4.34      | 252.3       | 253.2     | 166.6       | 170.8     | 93          |                                           | 11100×16500 × 3                           | 110              | Φ22.2 | Φ41.3           | Φ44.5    | 24.1+49+49+49   | 25+50+50+50          | 256+385 × 3      |             |
| 80 | GMV-VQ2245WM/C-X | 196.0                | 224.5    | 224.5 | 252.0   | 6.44  | 6.32      | 4.20        | 4.36      | 251.8       | 249.8     | 165.1       | 171.3     | 94          | (1340 × 775 × 1690) × 4                   | 13500×16500 × 3                           | 110              | Φ22.2 | Φ41.3           | Φ44.5    | 37.5+49+49+49   | 40+50+50+50          | 325+385 × 3      |             |
| 82 | GMV-VQ2295WM/C-X | 201.0                | 229.5    | 229.5 | 257.0   | 6.36  | 6.31      | 4.20        | 4.37      | 254.7       | 249.4     | 165.2       | 171.8     | 94          |                                           | 15400×16500 × 3                           | 110              | Φ22.2 | Φ41.3           | Φ44.5    | 39.3+49+49+49   | 40+50+50+50          | 325+385 × 3      |             |
| 84 | GMV-VQ2349WM/C-X | 206.4                | 234.9    | 234.9 | 263.5   | 6.37  | 6.44      | 4.18        | 4.34      | 251.6       | 254.6     | 164.1       | 170.6     | 94          |                                           | 16500×4                                   | 110              | Φ22.2 | Φ41.3           | Φ44.5    | 47+49+49+49     | 50+50+50+50          | 385 × 4          |             |
| 86 | GMV-VQ2405WM/C-X | 208.0                | 240.5    | 240.5 | 270.0   | 6.33  | 6.35      | 4.15        | 4.34      | 251.9       | 251.2     | 163.2       | 170.6     | 94          |                                           | 16500×4                                   | 110              | Φ22.2 | Φ41.3           | Φ44.5    | 48+49+49+49     | 50+50+50+50          | 385 × 4          |             |
| 88 | GMV-VQ2460WM/C-X | 208.0                | 246.0    | 246.0 | 276.0   | 6.32  | 6.34      | 4.15        | 4.34      | 250.4       | 250.6     | 163.2       | 170.6     | 94          |                                           | 16500×4                                   | 110              | Φ22.2 | Φ41.3           | Φ44.5    | 49+49+49+49     | 50+50+50+50          | 385 × 4          |             |

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| Model                       |               |         | GMV-ND40PHS/B-T                 | GMV-ND45PHS/B-T | GMV-ND50PHS/B-T | GMV-ND56PHS/B-T | GMV-ND63PHS/B-T |
|-----------------------------|---------------|---------|---------------------------------|-----------------|-----------------|-----------------|-----------------|
| Capacity                    | Cooling       | kW      | 4.0                             | 4.5             | 5.0             | 5.6             | 6.3             |
|                             | Heating       | kW      | 4.5                             | 5.0             | 5.6             | 6.3             | 7.1             |
| Power supply                |               | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                 |                 |                 |                 |
| Power consumption           |               | W       | 85                              | 85              | 85              | 90              | 90              |
| Airflow volume(H/M/L)       |               | m³/h    | 850/700/600                     | 850/700/600     | 850/700/600     | 1000/800/700    | 1000/800/700    |
| Rated Current               | Cooling       | A       | 0.5                             | 0.5             | 0.5             | 0.8             | 0.8             |
|                             | Heating       | A       | 0.5                             | 0.5             | 0.5             | 0.8             | 0.8             |
| ESP                         |               | Pa      | 60/0 ~150                       | 60/0 ~150       | 60/0 ~150       | 90/0 ~200       | 90/0 ~200       |
| Sound pressure level(H/M/L) |               | dB(A)   | 36/34/32                        | 36/34/32        | 36/34/32        | 37/35/33        | 37/35/33        |
| Connecting pipe             | Liquid        | mm      | Φ6.35                           | Φ6.35           | Φ6.35           | Φ9.52           | Φ9.52           |
|                             | Gas           | mm      | Φ12.7                           | Φ12.7           | Φ12.7           | Φ15.9           | Φ15.9           |
| Drain pipe                  | External dia. | mm      | Φ25                             | Φ25             | Φ25             | Φ25             | Φ25             |
|                             | Thickness     | mm      | 2.5                             | 2.5             | 2.5             | 2.5             | 2.5             |
| Dimension (W×D×H)           | Outline       | mm      | 700×700×300                     | 700×700×300     | 700×700×300     | 1000×700×300    | 1000×700×300    |
|                             | Package       | mm      | 897×808×360                     | 897×808×360     | 897×808×360     | 1205×813×360    | 1205×813×360    |
| Net weight/Gross weight     |               | kg      | 34/40                           | 34/40           | 34/40           | 43/49           | 43/49           |
| Loading quantity            | 40'GP         | unit    | 168                             | 168             | 168             | 138             | 138             |
|                             | 40'HQ         | unit    | 196                             | 196             | 196             | 161             | 161             |

| Model                       |               |         | GMV-ND71PHS/B-T                 | GMV-ND80PHS/B-T | GMV-ND90PHS/B-T | GMV-ND100PHS/B-T | GMV-ND112PHS/B-T |
|-----------------------------|---------------|---------|---------------------------------|-----------------|-----------------|------------------|------------------|
| Capacity                    | Cooling       | kW      | 7.1                             | 8.0             | 9.0             | 10.0             | 11.2             |
|                             | Heating       | kW      | 8.0                             | 9.0             | 10.0            | 11.2             | 12.5             |
| Power supply                |               | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                 |                 |                  |                  |
| Power consumption           |               | W       | 100                             | 100             | 140             | 140              | 160              |
| Airflow volume(H/M/L)       |               | m³/h    | 1250/1050/950                   | 1250/1050/950   | 1800/1450/1250  | 1800/1450/1250   | 2000/1600/1400   |
| Rated Current               | Cooling       | A       | 0.8                             | 0.8             | 1.1             | 1.1              | 1.1              |
|                             | Heating       | A       | 0.8                             | 0.8             | 1.1             | 1.1              | 1.1              |
| ESP                         |               | Pa      | 90/0 ~200                       | 90/0 ~200       | 90/0 ~200       | 90/0 ~200        | 90/0 ~200        |
| Sound pressure level(H/M/L) |               | dB(A)   | 38/36/34                        | 38/36/34        | 40/37/35        | 40/37/35         | 40/38/36         |
| Connecting pipe             | Liquid        | mm      | Φ9.52                           | Φ9.52           | Φ9.52           | Φ9.52            | Φ9.52            |
|                             | Gas           | mm      | Φ15.9                           | Φ15.9           | Φ15.9           | Φ15.9            | Φ15.9            |
| Drain pipe                  | External dia. | mm      | Φ25                             | Φ25             | Φ25             | Φ25              | Φ25              |
|                             | Thickness     | mm      | 2.5                             | 2.5             | 2.5             | 2.5              | 2.5              |
| Dimension (W×D×H)           | Outline       | mm      | 1000×700×300                    | 1000×700×300    | 1400×700×300    | 1400×700×300     | 1400×700×300     |
|                             | Package       | mm      | 1205×813×360                    | 1205×813×360    | 1601×813×365    | 1601×813×365     | 1601×813×365     |
| Net weight/Gross weight     |               | kg      | 43/49                           | 43/49           | 57/64           | 57/64            | 57/64            |
| Loading quantity            | 40'GP         | unit    | 138                             | 138             | 84              | 84               | 84               |
|                             | 40'HQ         | unit    | 161                             | 161             | 98              | 98               | 98               |

| Model                       |               |         | GMV-ND125PHS/B-T                | GMV-ND140PHS/B-T | GMV-ND160PHS/B-T | GMV-ND180PHS/B-T |
|-----------------------------|---------------|---------|---------------------------------|------------------|------------------|------------------|
| Capacity                    | Cooling       | kW      | 12.5                            | 14.0             | 16.0             | 18.0             |
|                             | Heating       | kW      | 14.0                            | 16.0             | 18.0             | 20.0             |
| Power supply                |               | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                  |                  |                  |
| Power consumption           |               | W       | 160                             | 220              | 230              | 350              |
| Airflow volume(H/M/L)       |               | m³/h    | 2000/1600/1400                  | 2350/1900/1650   | 2500/2000/1750   | 3000/2600/2000   |
| Rated Current               | Cooling       | A       | 1.1                             | 1.5              | 1.5              | 2.0              |
|                             | Heating       | A       | 1.1                             | 1.5              | 1.5              | 2.0              |
| ESP                         |               | Pa      | 90/0 ~200                       | 90/0 ~200        | 90/0 ~200        | 90/0 ~170        |
| Sound pressure level(H/M/L) |               | dB(A)   | 40/38/36                        | 42/39/37         | 44/41/38         | 49/47/44         |
| Connecting pipe             | Liquid        | mm      | Φ9.52                           | Φ9.52            | Φ9.52            | Φ9.52            |
|                             | Gas           | mm      | Φ15.9                           | Φ15.9            | Φ19.05           | Φ19.05           |
| Drain pipe                  | External dia. | mm      | Φ25                             | Φ25              | Φ25              | Φ25              |
|                             | Thickness     | mm      | 2.5                             | 2.5              | 2.5              | 2.5              |
| Dimension (W×D×H)           | Outline       | mm      | 1400×700×300                    | 1400×700×300     | 1400×700×300     | 1400×700×300     |
|                             | Package       | mm      | 1601×813×365                    | 1678×808×365     | 1678×808×365     | 1678×808×365     |
| Net weight/Gross weight     |               | kg      | 57/64                           | 58/67            | 58/67            | 58/67            |
| Loading quantity            | 40'GP         | unit    | 84                              | 84               | 84               | 84               |
|                             | 40'HQ         | unit    | 98                              | 98               | 98               | 98               |

| Model                       |               |         | GMV-ND224PH/A-T*                | GMV-ND280PH/A-T*                | GMV-ND400PH/AR-X*    | GMV-ND450PH/AR-X*    | GMV-N560PH/AR-M* |
|-----------------------------|---------------|---------|---------------------------------|---------------------------------|----------------------|----------------------|------------------|
| Capacity                    | Cooling       | kW      | 22.4                            | 28.0                            | 40.0                 | 45.0                 | 56.0             |
|                             | Heating       | kW      | 25.0                            | 31.0                            | 45.0                 | 50.0                 | 63.0             |
| Power supply                |               | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz | 220-240V~ 50Hz & 208-230V~ 60Hz | 380-415V 3N~ 50/60Hz | 380-415V 3N~ 50/60Hz | 380V 3N~ 50Hz    |
| Power consumption           |               | W       | 800                             | 900                             | 2500                 | 2550                 | 2700             |
| Airflow volume(H/M/L)       |               | m³/h    | 4000/3600/3200                  | 4400/4000/3600                  | 8000/6100/5050       | 8200/6600/5550       | 10000            |
| Rated Current               | Cooling       | A       | 3.7                             | 4.1                             | 2.7                  | 4.1                  | 5.5              |
|                             | Heating       | A       | 3.7                             | 4.1                             | 2.7                  | 4.1                  | 5.5              |
| ESP                         |               | Pa      | 100/50~200                      | 100/50~200                      | 200/50~250           | 200/50~250           | 200              |
| Sound pressure level(H/M/L) |               | dB(A)   | 54/52/49                        | 55/52/50                        | 61/59/56             | 62/60/57             | 63               |
| Connecting pipe             | Liquid        | mm      | Φ9.52                           | Φ9.52                           | Φ12.7                | Φ12.7                | Φ15.9            |
|                             | Gas           | mm      | Φ19.05                          | Φ22.2                           | Φ25.4                | Φ28.6                | Φ28.6            |
| Drain pipe                  | External dia. | mm      | Φ25                             | Φ25                             | Φ25                  | Φ25                  | Φ25              |
|                             | Thickness     | mm      | 2.0                             | 2.0                             | 1.2                  | 1.2                  | 1.2              |
| Dimension (W×D×H)           | Outline       | mm      | 1483×791×385                    | 1686×870×450                    | 1680×900×650         | 1900×1100×700        | 1900×1100×850    |
|                             | Package       | mm      | 1578×883×472                    | 1788×988×580                    | 1923×1153×850        | 2123×1463×905        | 2123×1463×1060   |
| Net weight/Gross weight     |               | kg      | 82/104                          | 105/140                         | 170/220              | 236/317              | 282/364          |
| Loading quantity            | 40'GP         | unit    | 60                              | 52                              | 24                   | 16                   | 16               |
|                             | 40'HQ         | unit    | 75                              | 52                              | 36                   | 16                   | 16               |

Note: This model is without water pump.

| Model                       |               |         | GMV-ND22PHS/D-T                 | GMV-ND25PHS/D-T | GMV-ND28PHS/D-T | GMV-ND32PHS/D-T | GMV-ND36PHS/D-T |
|-----------------------------|---------------|---------|---------------------------------|-----------------|-----------------|-----------------|-----------------|
| Capacity                    | Cooling       | kW      | 2.2                             | 2.5             | 2.8             | 3.2             | 3.6             |
|                             | Heating       | kW      | 2.5                             | 2.8             | 3.2             | 3.6             | 4.0             |
| Power supply                |               | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                 |                 |                 |                 |
| Power consumption           |               | W       | 50                              | 50              | 50              | 50              | 50              |
| Airflow volume(H/M/L)       |               | m³/h    | 550/480/400                     | 550/480/400     | 550/480/400     | 600/500/420     | 600/500/420     |
| Rated current               | Cooling       | A       | 0.4                             | 0.4             | 0.4             | 0.4             | 0.4             |
|                             | Heating       | A       | 0.4                             | 0.4             | 0.4             | 0.4             | 0.4             |
| ESP                         |               | Pa      | 50/0~80                         | 50/0~80         | 50/0~80         | 50/0~80         | 50/0~80         |
| Sound pressure level(H/M/L) |               | dB(A)   | 35/31/29                        | 35/31/29        | 35/31/29        | 36/33/30        | 36/33/30        |
| Connecting pipe             | Liquid        | mm      | Φ6.35                           | Φ6.35           | Φ6.35           | Φ6.35           | Φ6.35           |
|                             | Gas           | mm      | Φ9.52                           | Φ9.52           | Φ9.52           | Φ12.70          | Φ12.70          |
| Drain pipe                  | External dia. | mm      | Φ25                             | Φ25             | Φ25             | Φ25             | Φ25             |
|                             | Thickness     | mm      | 2.5                             | 2.5             | 2.5             | 2.5             | 2.5             |
| Dimension (W×D×H)           | Outline       | mm      | 700×700×300                     | 700×700×300     | 700×700×300     | 700×700×300     | 700×700×300     |
|                             | Package       | mm      | 897×808×360                     | 897×808×360     | 897×808×360     | 897×808×360     | 897×808×360     |
| Net weight / Gross weight   |               | kg      | 30.5/36                         | 30.5/36         | 30.5/36         | 30.5/36         | 30.5/36         |
| Loading quantity            | 40'GP         | unit    | 168                             | 168             | 168             | 168             | 168             |
|                             | 40'HQ         | unit    | 196                             | 196             | 196             | 196             | 196             |

| Model                       |               |         | GMV-ND40PHS/D-T                 | GMV-ND45PHS/D-T | GMV-ND50PHS/D-T | GMV-ND56PHS/D-T | GMV-ND63PHS/D-T |
|-----------------------------|---------------|---------|---------------------------------|-----------------|-----------------|-----------------|-----------------|
| Capacity                    | Cooling       | kW      | 4.0                             | 4.5             | 5.0             | 5.6             | 6.3             |
|                             | Heating       | kW      | 4.5                             | 5.0             | 5.6             | 6.3             | 7.1             |
| Power supply                |               | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                 |                 |                 |                 |
| Power consumption           |               | W       | 100                             | 100             | 100             | 105             | 105             |
| Airflow volume(H/M/L)       |               | m³/h    | 850/700/600                     | 850/700/600     | 850/700/600     | 1000/800/700    | 1000/800/700    |
| Rated Current               | Cooling       | A       | 0.8                             | 0.8             | 0.8             | 0.8             | 0.8             |
|                             | Heating       | A       | 0.8                             | 0.8             | 0.8             | 0.8             | 0.8             |
| ESP                         |               | Pa      | 50/0~80                         | 50/0~80         | 50/0~80         | 90/0~200        | 90/0~200        |
| Sound pressure level(H/M/L) |               | dB(A)   | 40/36/32                        | 40/36/32        | 40/36/32        | 40/36/32        | 40/36/32        |
| Connecting pipe             | Liquid        | mm      | Φ6.35                           | Φ6.35           | Φ6.35           | Φ9.52           | Φ9.52           |
|                             | Gas           | mm      | Φ12.7                           | Φ12.7           | Φ12.7           | Φ15.9           | Φ15.9           |
| Drain pipe                  | External dia. | mm      | Φ25                             | Φ25             | Φ25             | Φ25             | Φ25             |
|                             | Thickness     | mm      | 2.5                             | 2.5             | 2.5             | 2.5             | 2.5             |
| Dimension (W×D×H)           | Outline       | mm      | 700×700×300                     | 700×700×300     | 700×700×300     | 1000×700×300    | 1000×700×300    |
|                             | Package       | mm      | 897×808×360                     | 897×808×360     | 897×808×360     | 1205×813×360    | 1205×813×360    |
| Net weight/Gross weight     |               | kg      | 31.5/37.0                       | 31.5/37.0       | 31.5/37.0       | 40.5/46.5       | 40.5/46.5       |
| Loading quantity            | 40'GP         | unit    | 168                             | 168             | 168             | 138             | 138             |
|                             | 40'HQ         | unit    | 196                             | 196             | 196             | 161             | 161             |



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| Model                       |               |         | GMV-ND71PHS/D-T                 | GMV-ND80PHS/D-T | GMV-ND90PHS/D-T | GMV-ND100PHS/D-T | GMV-ND112PHS/D-T |
|-----------------------------|---------------|---------|---------------------------------|-----------------|-----------------|------------------|------------------|
| Capacity                    | Cooling       | kW      | 7.1                             | 8.0             | 9.0             | 10.0             | 11.2             |
|                             | Heating       | kW      | 8.0                             | 9.0             | 10.0            | 11.2             | 12.5             |
| Power supply                |               | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                 |                 |                  |                  |
| Power consumption           |               | W       | 110                             | 110             | 170             | 170              | 170              |
| Airflow volume(H/M/L)       |               | m³/h    | 1250/1050/950                   | 1250/1050/950   | 1800/1450/1250  | 1800/1450/1250   | 2000/1600/1400   |
| Rated current               | Cooling       | A       | 0.9                             | 0.9             | 1.4             | 1.4              | 1.4              |
|                             | Heating       | A       | 0.9                             | 0.9             | 1.4             | 1.4              | 1.4              |
| ESP                         |               | Pa      | 90/0~200                        | 90/0~200        | 90/0~200        | 90/0~200         | 90/0~200         |
| Sound pressure level(H/M/L) |               | dB(A)   | 40/36/32                        | 40/36/32        | 42/38/34        | 42/38/34         | 43/39/36         |
| Connecting pipe             | Liquid        | mm      | Φ9.52                           | Φ9.52           | Φ9.52           | Φ9.52            | Φ9.52            |
|                             | Gas           | mm      | Φ15.9                           | Φ15.9           | Φ15.9           | Φ15.9            | Φ15.9            |
| Drain pipe                  | External dia. | mm      | Φ25                             | Φ25             | Φ25             | Φ25              | Φ25              |
|                             | Thickness     | mm      | 2.5                             | 2.5             | 2.5             | 2.5              | 2.5              |
| Dimension (W×D×H)           | Outline       | mm      | 1000×700×300                    | 1000×700×300    | 1400×700×300    | 1400×700×300     | 1400×700×300     |
|                             | Package       | mm      | 1205×813×360                    | 1205×813×360    | 1601×813×365    | 1601×813×365     | 1601×813×365     |
| Net weight / Gross weight   |               | kg      | 41/47                           | 41/47           | 54/61           | 54/61            | 54/61            |
| Loading quantity            | 40'GP         | unit    | 138                             | 138             | 84              | 84               | 84               |
|                             | 40'HQ         | unit    | 161                             | 161             | 98              | 98               | 98               |

Low Static Pressure Duct Type Indoor Unit

| Model                        |               |         | GMV-ND18PLS/C1-T                | GMV-ND22PLS/C1-T | GMV-ND25PLS/C1-T | GMV-ND28PLS/C1-T | GMV-ND32PLS/C1-T |
|------------------------------|---------------|---------|---------------------------------|------------------|------------------|------------------|------------------|
| Capacity                     | Cooling       | kW      | 1.80                            | 2.20             | 2.50             | 2.80             | 3.20             |
|                              | Heating       | kW      | 2.20                            | 2.50             | 2.80             | 3.20             | 3.60             |
| Power supply                 |               | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                  |                  |                  |                  |
| Power consumption            |               | W       | 28                              | 28               | 28               | 28               | 37               |
| Airflow volume(H/M/L)        |               | m³/h    | 450/350/200                     | 450/350/200      | 450/350/200      | 450/350/200      | 550/400/300      |
| Rated Current                | Cooling       | A       | 0.2                             | 0.2              | 0.2              | 0.2              | 0.3              |
|                              | Heating       | A       | 0.2                             | 0.2              | 0.2              | 0.2              | 0.3              |
| ESP                          |               | Pa      | 15/0~30                         | 15/0~30          | 15/0~30          | 15/0~30          | 15/0~30          |
| Sound pressure level (H/M/L) |               | dB(A)   | 30/25/22                        | 30/25/22         | 30/25/22         | 30/25/22         | 31/27/25         |
| Connecting pipe              | Liquid        | mm      | Φ6.35                           | Φ6.35            | Φ6.35            | Φ6.35            | Φ6.35            |
|                              | Gas           | mm      | Φ9.52                           | Φ9.52            | Φ9.52            | Φ9.52            | Φ12.70           |
| Drain pipe                   | External dia. | mm      | 25                              | 25               | 25               | 25               | 25               |
|                              | Thickness     | mm      | 2.5                             | 2.5              | 2.5              | 2.5              | 2.5              |
| Dimension (W×D×H)            | Outline       | mm      | 710×462×200                     | 710×462×200      | 710×462×200      | 710×462×200      | 710×462×200      |
|                              | Package       | mm      | 1008×568×275                    | 1008×568×275     | 1008×568×275     | 1008×568×275     | 1008×568×275     |
| Net weight/Gross weight      |               | kg      | 18.5/23.5                       | 18.5/23.5        | 18.5/23.5        | 18.5/23.5        | 19/24            |
| Loading quantity             | 40'GP         | unit    | 386                             | 386              | 386              | 386              | 386              |
|                              | 40'HQ         | unit    | 430                             | 430              | 430              | 430              | 430              |

| Model                       |               |         | GMV-ND125PHS/D-T                | GMV-ND140PHS/D-T | GMV-ND160PHS/D-T | GMV-ND180PHS/D-T |
|-----------------------------|---------------|---------|---------------------------------|------------------|------------------|------------------|
| Capacity                    | Cooling       | kW      | 12.5                            | 14.0             | 16.0             | 18.0             |
|                             | Heating       | kW      | 14.0                            | 16.0             | 18.0             | 20.0             |
| Power supply                |               | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                  |                  |                  |
| Power consumption           |               | W       | 170                             | 240              | 240              | 350              |
| Airflow volume(H/M/L)       |               | m³/h    | 2000/1600/1400                  | 2350/1900/1650   | 2500/2000/1750   | 3000/2600/2000   |
| Rated current               | Cooling       | A       | 1.4                             | 1.8              | 1.8              | 2.0              |
|                             | Heating       | A       | 1.4                             | 1.8              | 1.8              | 2.0              |
| ESP                         |               | Pa      | 90/0~200                        | 90/0~200         | 90/0~200         | 90/0~170         |
| Sound pressure level(H/M/L) |               | dB(A)   | 44/40/37                        | 44/41/38         | 45/43/40         | 49/47/44         |
| Connecting pipe             | Liquid        | mm      | Φ9.52                           | Φ9.52            | Φ9.52            | Φ9.52            |
|                             | Gas           | mm      | Φ15.9                           | Φ15.9            | Φ19.05           | Φ19.05           |
| Drain pipe                  | External dia. | mm      | Φ25                             | Φ25              | Φ25              | Φ25              |
|                             | Thickness     | mm      | 2.5                             | 2.5              | 2.5              | 2.5              |
| Dimension (W×D×H)           | Outline       | mm      | 1400×700×300                    | 1400×700×300     | 1400×700×300     | 1400×700×300     |
|                             | Package       | mm      | 1601×813×365                    | 1601×813×365     | 1601×813×365     | 1678×808×365     |
| Net weight / Gross weight   |               | kg      | 54.0/61.0                       | 54.5/61.5        | 54.5/61.5        | 58.0/67.0        |
| Loading quantity            | 40'GP         | unit    | 84                              | 84               | 84               | 84               |
|                             | 40'HQ         | unit    | 98                              | 98               | 98               | 98               |

| Model                        |               |         | GMV-ND36PLS/C1-T                | GMV-ND40PLS/C1-T | GMV-ND45PLS/C1-T | GMV-ND50PLS/C1-T | GMV-ND56PLS/C1-T |
|------------------------------|---------------|---------|---------------------------------|------------------|------------------|------------------|------------------|
| Capacity                     | Cooling       | kW      | 3.60                            | 4.00             | 4.50             | 5.00             | 5.60             |
|                              | Heating       | kW      | 4.00                            | 4.50             | 5.00             | 5.60             | 6.30             |
| Power supply                 |               | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                  |                  |                  |                  |
| Power consumption            |               | W       | 37                              | 40               | 40               | 40               | 55               |
| Airflow volume(H/M/L)        |               | m³/h    | 550/400/300                     | 750/550/400      | 750/550/400      | 750/550/400      | 850/700/550      |
| Rated Current                | Cooling       | A       | 0.3                             | 0.3              | 0.3              | 0.3              | 0.4              |
|                              | Heating       | A       | 0.3                             | 0.3              | 0.3              | 0.3              | 0.4              |
| ESP                          |               | Pa      | 15/0~30                         | 15/0~30          | 15/0~30          | 15/0~30          | 15/0~30          |
| Sound pressure level (H/M/L) |               | dB(A)   | 31/27/25                        | 33/29/27         | 33/29/27         | 33/29/27         | 35/31/29         |
| Connecting pipe              | Liquid        | mm      | Φ6.35                           | Φ6.35            | Φ6.35            | Φ6.35            | Φ9.52            |
|                              | Gas           | mm      | Φ12.7                           | Φ12.7            | Φ12.7            | Φ12.7            | Φ15.9            |
| Drain pipe                   | External dia. | mm      | 25                              | 25               | 25               | 25               | 25               |
|                              | Thickness     | mm      | 2.5                             | 2.5              | 2.5              | 2.5              | 2.5              |
| Dimension (W×D×H)            | Package       | mm      | 710×462×200                     | 1010×462×200     | 1010×462×200     | 1010×462×200     | 1010×462×200     |
|                              | Outline       | mm      | 1008×568×275                    | 1308×568×275     | 1308×568×275     | 1308×568×275     | 1308×568×275     |
| Net weight/Gross weight      |               | kg      | 19/24                           | 24/30            | 24/30            | 24/30            | 25/31            |
| Loading quantity             | 40'GP         | unit    | 386                             | 288              | 288              | 288              | 288              |
|                              | 40'HQ         | unit    | 430                             | 340              | 340              | 340              | 340              |

CAC

| Model                       |               |         | GMV-ND63PLS/C1-T                | GMV-ND71PLS/C1-T | GMV-ND80PLS/C1-T |
|-----------------------------|---------------|---------|---------------------------------|------------------|------------------|
| Capacity                    | Cooling       | kW      | 6.30                            | 7.10             | 8.00             |
|                             | Heating       | kW      | 7.10                            | 8.00             | 9.00             |
| Power supply                |               | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                  |                  |
| Power consumption           |               | W       | 55                              | 55               | 95               |
| Airflow volume(H/M/L)       |               | m³/h    | 850/700/550                     | 1100/850/650     | 1200/950/700     |
| Rated Current               | Cooling       | A       | 0.4                             | 0.5              | 0.8              |
|                             | Heating       | A       | 0.4                             | 0.5              | 0.7              |
| ESP                         |               | Pa      | 15/0~30                         | 15/0~30          | 15/0~30          |
| Sound pressure level(H/M/L) |               | dB(A)   | 35/31/29                        | 37/32/30         | 40/35/31         |
| Connecting pipe             | Liquid        | mm      | Φ 9.52                          | Φ9.52            | Φ9.52            |
|                             | Gas           | mm      | Φ15.9                           | Φ15.9            | Φ15.9            |
| Drain pipe                  | External dia. | mm      | 25                              | 25               | 25               |
|                             | Thickness     | mm      | 2.5                             | 2.5              | 2.5              |
| Dimension (W×D×H)           | Outline       | mm      | 1010×462×200                    | 1310×462×200     | 1310×462×200     |
|                             | Package       | mm      | 1308×568×275                    | 1608×568×275     | 1608×568×275     |
| Net weight/Gross weight     |               | kg      | 25/31                           | 31/37.5          | 31/37.5          |
| Loading quantity            | 40'GP         | unit    | 288                             | 229              | 229              |
|                             | 40'HQ         | unit    | 340                             | 257              | 257              |

Medium Static Pressure Duct Type Indoor Unit

| Model                       |               |         | GMV-ND56PMS/A1-T                | GMV-ND63PMS/A1-T | GMV-ND71PMS/A1-T | GMV-ND80PMS/A1-T | GMV-ND90PMS/A1-T | GMV-ND100PMS/A1-T | GMV-ND112PMS/A1-T | GMV-ND125PMS/A1-T | GMV-ND140PMS/A1-T |
|-----------------------------|---------------|---------|---------------------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|
| Capacity                    | Cooling       | kW      | 5.6                             | 6.3              | 7.1              | 8.0              | 9.0              | 10.0              | 11.2              | 12.5              | 14.0              |
|                             | Heating       | kW      | 6.3                             | 7.1              | 8.0              | 9.0              | 10.0             | 11.2              | 12.5              | 14.0              | 16.0              |
| Power supply                |               | V/Ph/Hz | 220-240V ~50Hz & 208-230V ~60Hz |                  |                  |                  |                  |                   |                   |                   |                   |
| Power consumption           |               | W       | 95                              | 95               | 95               | 100              | 120              | 120               | 120               | 170               | 170               |
| Airflow volume(H/M/L)       |               | m³/h    | 1100/900/700                    | 1100/900/700     | 1100/900/700     | 1100/900/700     | 1700/1500/1100   | 1700/1500/1100    | 1700/1500/1100    | 2000/1700/1400    | 2000/1700/1400    |
| Rated Curren                | Cooling       | A       | 0.72                            | 0.72             | 0.72             | 0.75             | 0.85             | 0.85              | 0.85              | 1.20              | 1.20              |
|                             | Heating       | A       | 0.72                            | 0.72             | 0.72             | 0.75             | 0.85             | 0.85              | 0.85              | 1.20              | 1.20              |
| ESP                         |               | Pa      | 50/0~80                         | 50/0~80          | 50/0~80          | 50/0~80          | 50/0~80          | 50/0~80           | 50/0~80           | 50/0~80           | 50/0~80           |
| Sound pressure level(H/M/L) |               | dB(A)   | 37/34/31                        | 37/34/31         | 37/34/31         | 37/34/31         | 40/36/32         | 40/36/32          | 40/36/32          | 42/40/37          | 42/40/37          |
| Connecting                  | Liquid        | mm      | Φ9.52                           | Φ9.52            | Φ9.52            | Φ9.52            | Φ9.52            | Φ9.52             | Φ9.52             | Φ9.52             | Φ9.52             |
|                             | Gas           | mm      | Φ15.9                           | Φ15.9            | Φ15.9            | Φ15.9            | Φ15.9            | Φ15.9             | Φ15.9             | Φ15.9             | Φ15.9             |
| Drain pipe                  | External dia. | mm      | Φ25                             | Φ25              | Φ25              | Φ25              | Φ25              | Φ25               | Φ25               | Φ25               | Φ25               |
|                             | Thickness     | mm      | 2.5                             | 2.5              | 2.5              | 2.5              | 2.5              | 2.5               | 2.5               | 2.5               | 2.5               |
| Dimension (W×D×H)           | Outline       | mm      | 900×655×260                     | 900×655×260      | 900×655×260      | 900×655×260      | 1340×655×260     | 1340×655×260      | 1340×655×260      | 1340×655×260      | 1340×655×260      |
|                             | Package       | mm      | 1115×772×320                    | 1115×772×320     | 1115×772×320     | 1115×772×320     | 1568×770×323     | 1568×770×323      | 1568×770×323      | 1568×770×323      | 1568×770×323      |
| Net weight/Gross weigh      |               | kg      | 29.5/34.0                       | 29.5/34.0        | 29.5/34.0        | 30.0/34.5        | 43.5/50.0        | 43.5/50.0         | 43.5/50.0         | 43.5/50.0         | 43.5/50.0         |
| Loading quantity            | 40'GP         | unit    | 224                             | 224              | 224              | 224              | 154              | 154               | 154               | 154               | 154               |
|                             | 40'HQ         | unit    | 256                             | 256              | 256              | 256              | 176              | 176               | 176               | 176               | 176               |

Indoor Units

High Static Pressure Duct Type Indoor Unit

| Model                       |               |         | GMV-ND22PHS/B-T                 | GMV-ND25PHS/B-T | GMV-ND28PHS/B-T | GMV-ND32PHS/B-T | GMV-ND36PHS/B-T |
|-----------------------------|---------------|---------|---------------------------------|-----------------|-----------------|-----------------|-----------------|
| Capacity                    | Cooling       | kW      | 2.2                             | 2.5             | 2.8             | 3.2             | 3.6             |
|                             | Heating       | kW      | 2.5                             | 2.8             | 3.2             | 3.6             | 4.0             |
| Power supply                |               | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                 |                 |                 |                 |
| Power consumption           |               | W       | 55                              | 55              | 55              | 65              | 65              |
| Airflow volume(H/M/L)       |               | m³/h    | 550/480/400                     | 550/480/400     | 550/480/400     | 600/500/420     | 600/500/420     |
| Rated Current               | Cooling       | A       | 0.5                             | 0.5             | 0.5             | 0.5             | 0.5             |
|                             | Heating       | A       | 0.5                             | 0.5             | 0.5             | 0.5             | 0.5             |
| ESP                         |               | Pa      | 60/0~150                        | 60/0~150        | 60/0~150        | 60/0~150        | 60/0~150        |
| Sound pressure level(H/M/L) |               | dB(A)   | 33/30/28                        | 33/30/28        | 33/30/28        | 33/31/29        | 33/31/29        |
| Connecting pipe             | Liquid        | mm      | Φ6.35                           | Φ6.35           | Φ6.35           | Φ6.35           | Φ6.35           |
|                             | Gas           | mm      | Φ9.52                           | Φ9.52           | Φ9.52           | Φ12.70          | Φ12.70          |
| Drain pipe                  | External dia. | mm      | Φ25                             | Φ25             | Φ25             | Φ25             | Φ25             |
|                             | Thickness     | mm      | 2.5                             | 2.5             | 2.5             | 2.5             | 2.5             |
| Dimension (W×D×H)           | Outline       | mm      | 700×700×300                     | 700×700×300     | 700×700×300     | 700×700×300     | 700×700×300     |
|                             | Package       | mm      | 897×808×360                     | 897×808×360     | 897×808×360     | 897×808×360     | 897×808×360     |
| Net weight/Gross weight     |               | kg      | 32/38                           | 32/38           | 32/38           | 32/38           | 32/38           |
| Loading quantity            | 40'GP         | unit    | 168                             | 168             | 168             | 168             | 168             |
|                             | 40'HQ         | unit    | 196                             | 196             | 196             | 196             | 196             |

360° Air Discharge Cassette Indoor Unit

| Model                       |                         |                         | GMV-ND22T/C-T                   | GMV-ND28T/C-T | GMV-ND36T/C-T | GMV-ND45T/C-T | GMV-ND50T/C-T |               |
|-----------------------------|-------------------------|-------------------------|---------------------------------|---------------|---------------|---------------|---------------|---------------|
| Capacity                    | Cooling                 | kW                      | 2.2                             | 2.8           | 3.6           | 4.5           | 5.0           |               |
|                             | Heating                 | kW                      | 2.5                             | 3.2           | 4.0           | 5.0           | 5.6           |               |
| Power supply                |                         | V/Ph/Hz                 | 220-240V~ 50Hz & 208-230V~ 60Hz |               |               |               |               |               |
| Power consumption           |                         | W                       | 26                              | 26            | 26            | 26            | 28            |               |
| Airflow volume(H/M/L)       |                         | m³/h                    | 800/700/600                     | 800/700/600   | 800/700/600   | 800/700/600   | 900/800/700   |               |
| Rated current               | Cooling                 | A                       | 0.2                             | 0.2           | 0.2           | 0.2           | 0.2           |               |
|                             | Heating                 | A                       | 0.2                             | 0.2           | 0.2           | 0.2           | 0.2           |               |
| Sound pressure level(H/M/L) |                         | dB(A)                   | 33/30/28                        | 33/30/28      | 33/30/28      | 34/30/28      | 35/32/29      |               |
| Connecting pipe             | Liquid                  | mm                      | Φ6.35                           | Φ6.35         | Φ6.35         | Φ6.35         | Φ6.35         |               |
|                             | Gas                     | mm                      | Φ9.52                           | Φ9.52         | Φ12.70        | Φ12.70        | Φ12.70        |               |
| Drain pipe                  | External dia.           | mm                      | Φ25                             | Φ25           | Φ25           | Φ25           | Φ25           |               |
|                             | Thickness               | mm                      | 2.5                             | 2.5           | 2.5           | 2.5           | 2.5           |               |
| Main body                   | Dimension (W×D×H)       | Outline                 | mm                              | 840×840×240   | 840×840×240   | 840×840×240   | 840×840×240   |               |
|                             |                         | Package                 | mm                              | 963×963×325   | 963×963×325   | 963×963×325   | 963×963×325   |               |
|                             | Net weight/Gross weight | kg                      | 27.0/35.0                       | 27.0/35.0     | 27.0/35.0     | 27.0/35.0     | 28.0/36.0     |               |
| Panel                       | Model                   |                         | TF06                            |               | TF06          |               | TF06          |               |
|                             | Dimension (W×D×H)       | Outline                 | mm                              | 950×950×65    | 950×950×65    | 950×950×65    | 950×950×65    | 950×950×65    |
|                             |                         | Package                 | mm                              | 1033×1020×110 | 1033×1020×110 | 1033×1020×110 | 1033×1020×110 | 1033×1020×110 |
|                             |                         | Net weight/Gross weight | kg                              | 6.0/9.5       | 6.0/9.5       | 6.0/9.5       | 6.0/9.5       | 6.0/9.5       |
| Loading quantity            | 40'GP                   | unit                    | 126                             | 126           | 126           | 126           | 126           |               |
|                             | 40'HQ                   | unit                    | 144                             | 144           | 144           | 144           | 144           |               |

| Model                       |                         |                         | GMV-ND56T/C-T                   | GMV-ND63T/C-T | GMV-ND71T/C-T | GMV-ND80T/C-T | GMV-ND90T/C-T |
|-----------------------------|-------------------------|-------------------------|---------------------------------|---------------|---------------|---------------|---------------|
| Capacity                    | Cooling                 | kW                      | 5.6                             | 6.3           | 7.1           | 8.0           | 9.0           |
|                             | Heating                 | kW                      | 6.3                             | 7.1           | 8.0           | 9.0           | 10.0          |
| Power supply                |                         | V/Ph/Hz                 | 220-240V~ 50Hz & 208-230V~ 60Hz |               |               |               |               |
| Power consumption           |                         | W                       | 35                              | 60            | 60            | 85            | 85            |
| Airflow volume(H/M/L)       |                         | m³/h                    | 950/850/750                     | 1150/950/850  | 1150/950/850  | 1250/1000/900 | 1250/1000/900 |
| Rated current               | Cooling                 | A                       | 0.2                             | 0.4           | 0.4           | 0.4           | 0.4           |
|                             | Heating                 | A                       | 0.2                             | 0.4           | 0.4           | 0.4           | 0.4           |
| Sound pressure level(H/M/L) |                         | dB(A)                   | 37/33/30                        | 37/34/31      | 37/34/31      | 39/37/34      | 39/37/34      |
| Connecting pipe             | Liquid                  | mm                      | Φ9.52                           | Φ9.52         | Φ9.52         | Φ9.52         | Φ9.52         |
|                             | Gas                     | mm                      | Φ15.9                           | Φ15.9         | Φ15.9         | Φ15.9         | Φ15.9         |
| Drain pipe                  | External dia.           | mm                      | Φ25                             | Φ25           | Φ25           | Φ25           | Φ25           |
|                             | Thickness               | mm                      | 2.5                             | 2.5           | 2.5           | 2.5           | 2.5           |
| Main body                   | Dimension (W×D×H)       | Outline                 | mm                              | 840×840×240   | 840×840×240   | 840×840×240   | 840×840×240   |
|                             |                         | Package                 | mm                              | 963×963×325   | 963×963×325   | 963×963×325   | 963×963×325   |
|                             | Net weight/Gross weight |                         | kg                              | 28.0/36.0     | 28.0/36.0     | 29.0/37.0     | 29.0/37.0     |
| Panel                       | Model                   |                         | TF06                            | TF06          | TF06          | TF06          | TF06          |
|                             | Dimension (W×D×H)       | Outline                 | mm                              | 950×950×65    | 950×950×65    | 950×950×65    | 950×950×65    |
|                             |                         | Package                 | mm                              | 1033×1020×110 | 1033×1020×110 | 1033×1020×110 | 1033×1020×110 |
|                             |                         | Net weight/Gross weight | kg                              | 6.0/9.5       | 6.0/9.5       | 6.0/9.5       | 6.0/9.5       |
| Loading quantity            | 40'GP                   | unit                    | 126                             | 126           | 126           | 126           | 126           |
|                             | 40'HQ                   | unit                    | 144                             | 144           | 144           | 144           | 144           |

|                             | Model                |                         | GMV-ND100T/C-T                   | GMV-ND112T/C-T | GMV-ND125T/C-T | GMV-ND140T/C-T | GMV-ND160T/C-T |
|-----------------------------|----------------------|-------------------------|----------------------------------|----------------|----------------|----------------|----------------|
| Capacity                    | Cooling              | kW                      | 10.0                             | 11.2           | 12.5           | 14.0           | 16.0           |
|                             | Heating              | kW                      | 11.2                             | 12.5           | 14.0           | 16.0           | 18.0           |
| Power supply                |                      | V/Ph/Hz                 | 220-240V ~ 50Hz & 208-230V~ 60Hz |                |                |                |                |
| Power consumption           |                      | W                       | 85                               | 115            | 115            | 115            | 170            |
| Airflow volume(H/M/L)       |                      | m³/h                    | 1250/1000/900                    | 1650/1300/1100 | 1650/1300/1100 | 1650/1300/1100 | 2000/1800/1430 |
| Rated current               | Cooling              | A                       | 0.4                              | 0.6            | 0.6            | 0.6            | 1.2            |
|                             | Heating              | A                       | 0.4                              | 0.6            | 0.6            | 0.6            | 1.2            |
| Sound pressure level(H/M/L) |                      | dB(A)                   | 39/37/34                         | 43/41/39       | 43/41/39       | 43/41/39       | 51/48/42       |
| Connecting pipe             | Liquid               | mm                      | Φ9.52                            | Φ9.52          | Φ9.52          | Φ9.52          | Φ9.52          |
|                             | Gas                  | mm                      | Φ15.9                            | Φ15.9          | Φ15.9          | Φ15.9          | Φ19.05         |
| Drain pipe                  | External dia.        | mm                      | Φ25                              | Φ25            | Φ25            | Φ25            | Φ25            |
|                             | Thickness            | mm                      | 2.5                              | 2.5            | 2.5            | 2.5            | 2.5            |
| Main body                   | Dimension<br>(W×D×H) | Outline                 | mm                               | 840×840×240    | 840×840×290    | 840×840×290    | 840×840×290    |
|                             |                      | Package                 | mm                               | 963×963×325    | 963×963×379    | 963×963×379    | 963×963×379    |
|                             |                      | Net weight/Gross weight | kg                               | 29.0/37.0      | 33.0/42.0      | 33.0/42.0      | 36.0/44.0      |
| Panel                       | Model                |                         | TF06                             | TF06           | TF06           | TF06           | TF06           |
|                             | Dimension<br>(W×D×H) | Outline                 | mm                               | 950×950×65     | 950×950×65     | 950×950×65     | 950×950×65     |
|                             |                      | Package                 | mm                               | 1033×1020×110  | 1033×1020×110  | 1033×1020×110  | 1033×1020×110  |
|                             |                      | Net weight/Gross weight | kg                               | 6.0/9.5        | 6.0/9.5        | 6.0/9.5        | 6.0/9.5        |
| Loading quantity            | 40'GP                | unit                    | 126                              | 113            | 113            | 113            | 113            |
|                             | 40'HQ                | unit                    | 144                              | 124            | 124            | 124            | 124            |

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| Model                       |                         |         | GMV-ND22T/D1-T                  | GMV-ND28T/D1-T | GMV-ND36T/D1-T | GMV-ND45T/D1-T | GMV-ND50T/D1-T |
|-----------------------------|-------------------------|---------|---------------------------------|----------------|----------------|----------------|----------------|
| Capacity                    | Cooling                 | kW      | 2.2                             | 2.8            | 3.6            | 4.5            | 5.0            |
|                             | Heating                 | kW      | 2.5                             | 3.2            | 4.0            | 5.0            | 5.6            |
| Power supply                |                         | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                |                |                |                |
| Power consumption           |                         | W       | 40                              | 40             | 40             | 50             | 50             |
| Airflow volume(H/M/L)       |                         | m³/h    | 800/700/600                     | 800/700/600    | 800/700/600    | 900/800/700    | 900/800/700    |
| Rated current               | Cooling                 | A       | 0.35                            | 0.35           | 0.35           | 0.44           | 0.44           |
|                             | Heating                 | A       | 0.35                            | 0.35           | 0.35           | 0.44           | 0.44           |
| Sound pressure level(H/M/L) |                         | dB(A)   | 32/29/27                        | 32/29/27       | 32/29/27       | 35/30/27       | 35/30/27       |
| Connecting pipe             | Liquid                  | mm      | Φ6.35                           | Φ6.35          | Φ6.35          | Φ6.35          | Φ6.35          |
|                             | Gas                     | mm      | Φ9.52                           | Φ9.52          | Φ12.70         | Φ12.70         | Φ12.70         |
| Drain pipe                  | External dia.           | mm      | Φ25                             | Φ25            | Φ25            | Φ25            | Φ25            |
|                             | Thickness               | mm      | 2.5                             | 2.5            | 2.5            | 2.5            | 2.5            |
| Main body                   | Dimension (W×D×H)       | Outline | mm                              | 840×840×200    | 840×840×200    | 840×840×200    | 840×840×200    |
|                             |                         | Package | mm                              | 933×933×255    | 933×933×255    | 933×933×255    | 933×933×255    |
|                             | Net weight/Gross weight |         | kg                              | 19/23          | 19/23          | 19/23          | 19/23          |
| Panel                       | Dimension (W×D×H)       | Outline | mm                              | 950×950×65     | 950×950×65     | 950×950×65     | 950×950×65     |
|                             |                         | Package | mm                              | 1033×1020×110  | 1033×1020×110  | 1033×1020×110  | 1033×1020×110  |
|                             | Net weight/Gross weight |         | kg                              | 6.0/9.5        | 6.0/9.5        | 6.0/9.5        | 6.0/9.5        |
| Loading quantity            | 40'GP                   | unit    | 152                             | 152            | 152            | 152            | 152            |
|                             | 40'HQ                   | unit    | 169                             | 169            | 169            | 169            | 169            |

| Model                       |                         |         | GMV-ND56T/D1-T                  | GMV-ND63T/D1-T | GMV-ND71T/D1-T | GMV-ND80T/D1-T | GMV-ND90T/D1-T |
|-----------------------------|-------------------------|---------|---------------------------------|----------------|----------------|----------------|----------------|
| Capacity                    | Cooling                 | kW      | 5.6                             | 6.3            | 7.1            | 8.0            | 9.0            |
|                             | Heating                 | kW      | 6.3                             | 7.1            | 8.0            | 9.0            | 10.0           |
| Power supply                |                         | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                |                |                |                |
| Power consumption           |                         | W       | 60                              | 60             | 60             | 75             | 75             |
| Airflow volume(H/M/L)       |                         | m³/h    | 1100/935/850                    | 1100/935/850   | 1100/935/850   | 1400/1000/900  | 1400/1000/900  |
| Rated current               | Cooling                 | A       | 0.49                            | 0.49           | 0.49           | 0.60           | 0.60           |
|                             | Heating                 | A       | 0.49                            | 0.49           | 0.49           | 0.60           | 0.60           |
| Sound pressure level(H/M/L) |                         | dB(A)   | 37/35/32                        | 37/35/32       | 37/35/32       | 40/36/31       | 40/36/31       |
| Connecting pipe             | Liquid                  | mm      | Φ9.52                           | Φ9.52          | Φ9.52          | Φ9.52          | Φ9.52          |
|                             | Gas                     | mm      | Φ15.9                           | Φ15.9          | Φ15.9          | Φ15.9          | Φ15.9          |
| Drain pipe                  | External dia.           | mm      | Φ25                             | Φ25            | Φ25            | Φ25            | Φ25            |
|                             | Thickness               | mm      | 2.5                             | 2.5            | 2.5            | 2.5            | 2.5            |
| Main body                   | Dimension (W×D×H)       | Outline | mm                              | 840×840×200    | 840×840×200    | 840×840×240    | 840×840×240    |
|                             |                         | Package | mm                              | 933×933×255    | 933×933×255    | 933×933×292    | 933×933×292    |
|                             | Net weight/Gross weight |         | kg                              | 21/25          | 21/25          | 22.5/27.5      | 22.5/27.5      |
| Panel                       | Dimension (W×D×H)       | Outline | mm                              | 950×950×65     | 950×950×65     | 950×950×65     | 950×950×65     |
|                             |                         | Package | mm                              | 1033×1020×110  | 1033×1020×110  | 1033×1020×110  | 1033×1020×110  |
|                             | Net weight/Gross weight |         | kg                              | 6.0/9.5        | 6.0/9.5        | 6.0/9.5        | 6.0/9.5        |
| Loading quantity            | 40'GP                   | unit    | 152                             | 152            | 152            | 139            | 139            |
|                             | 40'HQ                   | unit    | 169                             | 169            | 169            | 157            | 157            |

| Model                       |                         |         | GMV-ND100T/D1-T                 | GMV-ND112T/D1-T | GMV-ND125T/D1-T | GMV-ND140T/D1-T |
|-----------------------------|-------------------------|---------|---------------------------------|-----------------|-----------------|-----------------|
| Capacity                    | Cooling                 | kW      | 10.0                            | 11.2            | 12.5            | 14.0            |
|                             | Heating                 | kW      | 11.2                            | 12.5            | 14.0            | 16.0            |
| Power supply                |                         | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                 |                 |                 |
| Power consumption           |                         | W       | 100                             | 100             | 160             | 160             |
| Airflow volume(H/M/L)       |                         | m³/h    | 1550/1200/1000                  | 1550/1200/1000  | 1800/1450/1150  | 1800/1450/1150  |
| Rated current               | Cooling                 | A       | 0.76                            | 0.76            | 0.85            | 0.85            |
|                             | Heating                 | A       | 0.76                            | 0.76            | 0.85            | 0.85            |
| Sound pressure level(H/M/L) |                         | dB(A)   | 43/39/35                        | 43/39/35        | 46/41/35        | 46/41/35        |
| Connecting pipe             | Liquid                  | mm      | Φ9.52                           | Φ9.52           | Φ9.52           | Φ9.52           |
|                             | Gas                     | mm      | Φ15.9                           | Φ15.9           | Φ15.9           | Φ15.9           |
| Drain pipe                  | External dia.           | mm      | Φ25                             | Φ25             | Φ25             | Φ25             |
|                             | Thickness               | mm      | 2.5                             | 2.5             | 2.5             | 2.5             |
| Main body                   | Dimension (W×D×H)       | Outline | mm                              | 840×840×240     | 840×840×290     | 840×840×290     |
|                             |                         | Package | mm                              | 933×933×292     | 933×933×345     | 933×933×345     |
|                             | Net weight/Gross weight |         | kg                              | 22.5/27.5       | 22.5/27.5       | 25/30.5         |
| Panel                       | Dimension (W×D×H)       | Outline | mm                              | 950×950×65      | 950×950×65      | 950×950×65      |
|                             |                         | Package | mm                              | 1033×1020×110   | 1033×1020×110   | 1033×1020×110   |
|                             | Net weight/Gross weight |         | kg                              | 6.0/9.5         | 6.0/9.5         | 6.0/9.5         |
| Loading quantity            | 40'GP                   | unit    | 139                             | 139             | 117             | 117             |
|                             | 40'HQ                   | unit    | 157                             | 157             | 135             | 135             |

## 360° Air Discharge Compact Cassette Indoor Unit

| Model                       |                         |         | GMV-ND15T/E-T                   | GMV-ND18T/E-T | GMV-ND22T/E-T | GMV-ND28T/E-T |
|-----------------------------|-------------------------|---------|---------------------------------|---------------|---------------|---------------|
| Capacity                    | Cooling                 | kW      | 1.5                             | 1.8           | 2.2           | 2.8           |
|                             | Heating                 | kW      | 1.8                             | 2.2           | 2.5           | 3.2           |
| Power supply                |                         | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |               |               |               |
| Power consumption           |                         | W       | 30                              | 30            | 30            | 30            |
| Airflow volume(H/M/L)       |                         | m³/h    | 460/420/370                     | 460/420/370   | 500/460/370   | 570/480/420   |
| Rated current               | Cooling                 | A       | 0.15                            | 0.15          | 0.15          | 0.15          |
|                             | Heating                 | A       | 0.15                            | 0.15          | 0.15          | 0.15          |
| Sound pressure level(H/M/L) |                         | dB(A)   | 33/30/25                        | 33/30/25      | 36/31/25      | 36/33/28      |
| Connecting pipe             | Liquid                  | mm      | Φ6.35                           | Φ6.35         | Φ6.35         | Φ6.35         |
|                             | Gas                     | mm      | Φ9.52                           | Φ9.52         | Φ9.52         | Φ9.52         |
| Drain pipe                  | External dia.           | mm      | Φ25                             | Φ25           | Φ25           | Φ25           |
|                             | Thickness               | mm      | 2.5                             | 2.5           | 2.5           | 2.5           |
| Main body                   | Dimension (W×D×H)       | Outline | mm                              | 570×570×265   | 570×570×265   | 570×570×265   |
|                             |                         | Package | mm                              | 698×653×295   | 698×653×295   | 698×653×295   |
|                             | Net weight/Gross weight |         | kg                              | 17.5/22.5     | 17.5/22.5     | 17.5/22.5     |
| Panel                       | Model                   |         | TF05                            | TF05          | TF05          | TF05          |
|                             | Dimension (W×D×H)       | Outline | mm                              | 620×620×47.5  | 620×620×47.5  | 620×620×47.5  |
|                             |                         | Package | mm                              | 701×701×125   | 701×701×125   | 701×701×125   |
|                             | Net weight/Gross weight |         | kg                              | 3.0/4.5       | 3.0/4.5       | 3.0/4.5       |
| Loading quantity            | 40'GP                   | unit    | 378                             | 378           | 378           | 378           |
|                             | 40'HQ                   | unit    | 432                             | 432           | 432           | 432           |

| Model                       |                         |         | GMV-ND36T/E-T                   | GMV-ND45T/E-T | GMV-ND50T/E-T | GMV-ND56T/E-T |
|-----------------------------|-------------------------|---------|---------------------------------|---------------|---------------|---------------|
| Capacity                    | Cooling                 | kW      | 3.6                             | 4.5           | 5.0           | 5.6           |
|                             | Heating                 | kW      | 4.0                             | 5.0           | 5.6           | 6.3           |
| Power supply                |                         | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |               |               |               |
| Power consumption           |                         | W       | 30                              | 45            | 45            | 45            |
| Airflow volume(H/M/L)       |                         | m³/h    | 620/550/480                     | 730/650/560   | 730/650/560   | 730/650/560   |
| Rated current               | Cooling                 | A       | 0.15                            | 0.23          | 0.23          | 0.23          |
|                             | Heating                 | A       | 0.15                            | 0.23          | 0.23          | 0.23          |
| Sound pressure level(H/M/L) |                         | dB(A)   | 39/37/35                        | 43/41/39      | 43/41/39      | 43/41/39      |
| Connecting pipe             | Liquid                  | mm      | Φ6.35                           | Φ6.35         | Φ6.35         | Φ9.52         |
|                             | Gas                     | mm      | Φ12.7                           | Φ12.7         | Φ12.7         | Φ15.9         |
| Drain pipe                  | External dia.           | mm      | Φ25                             | Φ25           | Φ25           | Φ25           |
|                             | Thickness               | mm      | 2.5                             | 2.5           | 2.5           | 2.5           |
| Main body                   | Dimension (W×D×H)       | Outline | mm                              | 570×570×265   | 570×570×265   | 570×570×265   |
|                             |                         | Package | mm                              | 698×653×295   | 698×653×295   | 698×653×295   |
|                             | Net weight/Gross weight |         | kg                              | 17.5/22.5     | 17.5/22.5     | 17.5/22.5     |
| Panel                       | Model                   |         | TF05                            | TF05          | TF05          | TF05          |
|                             | Dimension (W×D×H)       | Outline | mm                              | 620×620×47.5  | 620×620×47.5  | 620×620×47.5  |
|                             |                         | Package | mm                              | 701×701×125   | 701×701×125   | 701×701×125   |
|                             | Net weight/Gross weight |         | kg                              | 3.0/4.5       | 3.0/4.5       | 3.0/4.5       |
| Loading quantity            | 40'GP                   | unit    | 378                             | 378           | 378           | 378           |
|                             | 40'HQ                   | unit    | 432                             | 432           | 432           | 432           |



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2-way Cassette Indoor Unit

| Model                       |                         |         | GMV-ND28TS/B-T                  | GMV-ND36TS/B-T | GMV-ND45TS/B-T | GMV-ND50TS/B-T | GMV-ND56TS/B-T | GMV-ND63TS/B-T | GMV-ND71TS/B-T | GMV-ND80TS/B-T |
|-----------------------------|-------------------------|---------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Capacity                    | Cooling                 | kW      | 2.8                             | 3.6            | 4.5            | 5.0            | 5.6            | 6.3            | 7.1            | 8.0            |
|                             | Heating                 | kW      | 3.2                             | 4.0            | 5.0            | 5.6            | 6.3            | 7.1            | 8.0            | 9.0            |
| Power supply                |                         | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                |                |                |                |                |                |                |
| Power consumption           |                         | W       | 20                              | 20             | 30             | 30             | 30             | 30             | 55             | 55             |
| Airflow volume(H/M/L)       |                         | m³/h    | 671/616/513                     | 671/616/513    | 715/616/513    | 715/616/513    | 764/709/676    | 764/709/676    | 816/745/660    | 816/745/660    |
| Rated current               | Cooling                 | A       | 0.25                            | 0.25           | 0.30           | 0.30           | 0.30           | 0.30           | 0.49           | 0.49           |
|                             | Heating                 | A       | 0.25                            | 0.25           | 0.30           | 0.30           | 0.30           | 0.30           | 0.49           | 0.49           |
| Sound pressure level(H/M/L) |                         | dB(A)   | 33/31/28                        | 33/31/28       | 35/31/28       | 35/31/28       | 37/35/32       | 37/35/32       | 39/37/34       | 39/37/34       |
| Connecting pipe             | Liquid                  | mm      | Φ6.35                           | Φ6.35          | Φ6.35          | Φ6.35          | Φ9.52          | Φ9.52          | Φ9.52          | Φ9.52          |
|                             | Gas                     | mm      | Φ9.52                           | Φ12.70         | Φ12.70         | Φ12.70         | Φ15.90         | Φ15.90         | Φ15.90         | Φ15.90         |
| Drain pipe                  | External dia.           | mm      | Φ25                             | Φ25            | Φ25            | Φ25            | Φ25            | Φ25            | Φ25            | Φ25            |
|                             | Thickness               | mm      | 2.5                             | 2.5            | 2.5            | 2.5            | 2.5            | 2.5            | 2.5            | 2.5            |
| Main body                   | Dimension (W×D×H)       | Outline | mm                              | 790×630×280    | 790×630×280    | 790×630×280    | 790×630×280    | 790×630×280    | 790×630×280    | 790×630×280    |
|                             |                         | Package | mm                              | 1033×740×365   | 1033×740×365   | 1033×740×365   | 1033×740×365   | 1033×740×365   | 1033×740×365   | 1033×740×365   |
|                             | Net weight/Gross weight |         | kg                              | 25.5/33.0      | 25.5/33.0      | 25.5/33.0      | 25.5/33.0      | 26.0/33.5      | 26.0/33.5      | 26.0/33.5      |
| Panel                       | Model                   |         |                                 | TE03           | TE03           | TE03           | TE03           | TE03           | TE03           | TE03           |
|                             | Dimension (W×D×H)       | Outline | mm                              | 1100×710×28    | 1100×710×28    | 1100×710×28    | 1100×710×28    | 1100×710×28    | 1100×710×28    | 1100×710×28    |
|                             |                         | Package | mm                              | 1230×843×130   | 1230×843×130   | 1230×843×130   | 1230×843×130   | 1230×843×130   | 1230×843×130   | 1230×843×130   |
| Loading quantity            | Net weight/Gross weight |         | kg                              | 6.0/10.5       | 6.0/10.5       | 6.0/10.5       | 6.0/10.5       | 6.0/10.5       | 6.0/10.5       | 6.0/10.5       |
|                             | 40'GP                   | unit    |                                 | 144            | 144            | 144            | 144            | 144            | 144            | 144            |
|                             | 40'HQ                   | unit    |                                 | 166            | 166            | 166            | 166            | 166            | 166            | 166            |

| Model                       |                         |         | GMV-ND90TS/B-T                  | GMV-ND100TS/B-T | GMV-ND112TS/B-T | GMV-ND125TS/B-T | GMV-ND140TS/B-T | GMV-ND160TS/B-T |
|-----------------------------|-------------------------|---------|---------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Capacity                    | Cooling                 | kW      | 9.0                             | 10.0            | 11.2            | 12.5            | 14.0            | 16.0            |
|                             | Heating                 | kW      | 10.0                            | 11.2            | 12.5            | 14.0            | 16.0            | 18.0            |
| Power supply                |                         | V/Ph/Hz | 220-240V ~50Hz & 208-230V ~60Hz |                 |                 |                 |                 |                 |
| Power consumption           |                         | W       | 90                              | 90              | 90              | 100             | 100             | 110             |
| Airflow volume(H/M/L)       |                         | m3/h    | 1470/1310/1275                  | 1470/1310/1275  | 1470/1310/1275  | 1565/1400/1275  | 1565/1400/1275  | 1755/1565/1275  |
| Rated current               | Cooling                 | A       | 0.62                            | 0.62            | 0.62            | 0.69            | 0.69            | 0.75            |
|                             | Heating                 | A       | 0.62                            | 0.62            | 0.62            | 0.69            | 0.69            | 0.75            |
| Sound pressure level(H/M/L) |                         | dB(A)   | 41/39/37                        | 41/39/37        | 41/39/37        | 43/41/39        | 43/41/39        | 46/43/40        |
| "Connecting pipe "          | Liquid                  | mm      | Φ9.52                           | Φ9.52           | Φ9.52           | Φ9.52           | Φ9.52           | Φ9.52           |
|                             | Gas                     | mm      | Φ15.9                           | Φ15.9           | Φ15.9           | Φ15.9           | Φ15.9           | Φ19.05          |
| Drain pipe                  | External dia.           | mm      | Φ25                             | Φ25             | Φ25             | Φ25             | Φ25             | Φ25             |
|                             | Thickness               | mm      | 2.5                             | 2.5             | 2.5             | 2.5             | 2.5             | 2.5             |
| Main body                   | "Dimension (W×D×H)"     | Outline | mm                              | 1350×630×280    | 1350×630×280    | 1350×630×280    | 1350×630×280    | 1350×630×280    |
|                             |                         | Package | mm                              | 1591×740×365    | 1591×740×365    | 1591×740×365    | 1591×740×365    | 1591×740×365    |
|                             | Net weight/Gross weight |         | kg                              | 40.5/50.5       | 40.5/50.5       | 40.5/50.5       | 40.5/50.5       | 40.5/50.5       |
| Panel                       | Model                   |         |                                 | TE04            | TE04            | TE04            | TE04            | TE04            |
|                             | "Dimension (W×D×H)"     | Outline | mm                              | 1660×710×28     | 1660×710×28     | 1660×710×28     | 1660×710×28     | 1660×710×28     |
|                             |                         | Package | mm                              | 1790×843×130    | 1790×843×130    | 1790×843×130    | 1790×843×130    | 1790×843×130    |
| Loading quantity            | Net weight/Gross weight |         | kg                              | 9.5/15.5        | 9.5/15.5        | 9.5/15.5        | 9.5/15.5        | 9.5/15.5        |
|                             | 40'GP                   | unit    |                                 | 96              | 96              | 96              | 96              | 96              |
|                             | 40'HQ                   | unit    |                                 | 109             | 109             | 109             | 109             | 109             |

1-way Cassette Indoor Unit

| Model                       |                         |         | GMV-ND22TD/A-T                  | GMV-ND28TD/A-T | GMV-ND36TD/A-T | GMV-ND45TD/A-T | GMV-ND50TD/A-T | GMV-ND56TD/A-T |
|-----------------------------|-------------------------|---------|---------------------------------|----------------|----------------|----------------|----------------|----------------|
| Capacity                    | Cooling                 | kW      | 2.2                             | 2.8            | 3.6            | 4.5            | 5.0            | 5.6            |
|                             | Heating                 | kW      | 2.5                             | 3.2            | 4.0            | 5.0            | 5.6            | 6.3            |
| Power supply                |                         | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                |                |                |                |                |
| Power consumption           |                         | W       | 30                              | 30             | 30             | 45             | 45             | 45             |
| Airflow volume(H/M/L)       |                         | m³/h    | 600/500/450                     | 600/500/450    | 600/500/450    | 830/600/500    | 830/600/500    | 890/667/564    |
| Rated current               | Cooling                 | A       | 0.2                             | 0.2            | 0.2            | 0.3            | 0.3            | 0.3            |
|                             | Heating                 | A       | 0.2                             | 0.2            | 0.2            | 0.3            | 0.3            | 0.3            |
| Sound pressure level(H/M/L) |                         | dB(A)   | 36/32/28                        | 36/32/28       | 36/32/28       | 40/35/30       | 40/35/30       | 41/38/35       |
| Connecting pipe             | Liquid                  | mm      | Φ6.35                           | Φ6.35          | Φ6.35          | Φ6.35          | Φ6.35          | Φ9.52          |
|                             | Gas                     | mm      | Φ9.52                           | Φ9.52          | Φ12.7          | Φ12.7          | Φ12.7          | Φ15.9          |
| Drain pipe                  | External dia.           | mm      | Φ25                             | Φ25            | Φ25            | Φ25            | Φ25            | Φ25            |
|                             | Thickness               | mm      | 2.5                             | 2.5            | 2.5            | 2.5            | 2.5            | 2.5            |
| Main body                   | Dimension (W×D×H)       | Outline | mm                              | 987×385×178    | 987×385×178    | 987×385×178    | 987×385×178    | 987×385×178    |
|                             |                         | Package | mm                              | 1307×501×310   | 1307×501×310   | 1307×501×310   | 1307×501×310   | 1307×501×310   |
|                             | Net weight/Gross weight |         | kg                              | 20/27          | 20/27          | 20/27          | 21/28.5        | 21/28.5        |
| Panel                       | Model                   |         |                                 | TD01           | TD01           | TD01           | TD01           | TD01           |
|                             | Dimension (W×D×H)       | Outline | mm                              | 1200×460×55    | 1200×460×55    | 1200×460×55    | 1200×460×55    | 1200×460×55    |
|                             |                         | Package | mm                              | 1265×536×121   | 1265×536×121   | 1265×536×121   | 1265×536×121   | 1265×536×121   |
| Loading quantity            | Net weight/Gross weight |         | kg                              | 4.2/6          | 4.2/6          | 4.2/6          | 4.2/6          | 4.2/6          |
|                             | 40'GP                   | unit    |                                 | 215            | 215            | 215            | 215            | 215            |
|                             | 40'HQ                   | unit    |                                 | 242            | 242            | 242            | 242            | 242            |

| Model                       |                         |         | GMV-ND63TD/B-T                  | GMV-ND71TD/B-T | GMV-ND80TD/B-T |
|-----------------------------|-------------------------|---------|---------------------------------|----------------|----------------|
| Capacity                    | Cooling                 | kW      | 6.3                             | 7.1            | 8.0            |
|                             | Heating                 | kW      | 7.1                             | 8.0            | 9.0            |
| Power supply                |                         | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                |                |
| Power consumption           |                         | W       | 57                              | 83             | 83             |
| Airflow volume(H/M/L) )     |                         | m³/h    | 880/680/600                     | 1000/680/600   | 1000/680/600   |
| Rated current               | Cooling                 | A       | 0.55                            | 0.86           | 0.86           |
|                             | Heating                 | A       | 0.55                            | 0.86           | 0.86           |
| Sound pressure level(H/M/L) |                         | dB(A)   | 42/39/36                        | 44/39/36       | 44/39/36       |
| Connecting pipe             | Liquid                  | mm      | Φ9.52                           | Φ9.52          | Φ9.52          |
|                             | Gas                     | mm      | Φ15.9                           | Φ15.9          | Φ15.9          |
| Drain pipe                  | External dia.           | mm      | Φ25                             | Φ25            | Φ25            |
|                             | Thickness               | mm      | 2.50                            | 2.50           | 2.50           |
| Main body                   | Dimension (W×D×H)       | Outline | mm                              | 1200×470×200   | 1200×470×200   |
|                             |                         | Package | mm                              | 1438×548×255   | 1438×548×255   |
|                             | Net weight/Gross weight |         | kg                              | 26/31.5        | 26/31.5        |
| Panel                       | Model                   |         |                                 | TD03           | TD03           |
|                             | Dimension (W×D×H)       | Outline | mm                              | 1350×555×64    | 1350×555×64    |
|                             |                         | Package | mm                              | 1443×648×155   | 1443×648×155   |
| Loading quantity            | Net weight/Gross weight |         | kg                              | 7.8/13.5       | 7.8/13.5       |
|                             | 40'GP                   | unit    |                                 | 170            | 170            |
|                             | 40'HQ                   | unit    |                                 | 189            | 189            |

Floor Ceiling Type Indoor Unit

| Model                       |               |         | GMV-ND28ZD/B-T                  | GMV-ND36ZD/B-T | GMV-ND50ZD/B-T | GMV-ND56ZD/B-T | GMV-ND63ZD/B-T | GMV-ND71ZD/B-T |
|-----------------------------|---------------|---------|---------------------------------|----------------|----------------|----------------|----------------|----------------|
| Capacity                    | Cooling       | kW      | 2.8                             | 3.6            | 5.0            | 5.6            | 6.3            | 7.1            |
|                             | Heating       | kW      | 3.2                             | 4.0            | 5.6            | 6.3            | 7.1            | 8.0            |
| Power supply                |               | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                |                |                |                |                |
| Power consumption           |               | W       | 35                              | 35             | 55             | 55             | 80             | 80             |
| Airflow volume(H/M/L)       |               | m³/h    | 600/500/450                     | 600/500/450    | 750/650/600    | 750/650/600    | 1350/1200/1050 | 1350/1200/1050 |
| Rated current               | Cooling       | A       | 0.2                             | 0.2            | 0.3            | 0.3            | 0.4            | 0.4            |
|                             | Heating       | A       | 0.2                             | 0.2            | 0.3            | 0.3            | 0.4            | 0.4            |
| Sound pressure level(H/M/L) |               | dB(A)   | 36/32/29                        | 36/32/29       | 42/39/36       | 42/39/36       | 44/41/38       | 44/41/38       |
| Connecting pipe             | Liquid        | mm      | Φ6.35                           | Φ6.35          | Φ6.35          | Φ9.52          | Φ9.52          | Φ9.52          |
|                             | Gas           | mm      | Φ9.52                           | Φ12.70         | Φ12.70         | Φ15.90         | Φ15.90         | Φ15.90         |
| Drain pipe                  | External dia. | mm      | Φ17                             | Φ17            | Φ17            | Φ17            | Φ17            | Φ17            |
|                             | Thickness     | mm      | 1.75                            | 1.75           | 1.75           | 1.75           | 1.75           | 1.75           |
| Dimension (W×D×H)           | Outline       | mm      | 870×665×235                     | 870×665×235    | 870×665×235    | 870×665×235    | 1200×665×235   | 1200×665×235   |
|                             | Package       | mm      | 973×770×300                     | 973×770×300    | 973×770×300    | 973×770×300    | 1303×770×300   | 1303×770×300   |
| Net weight/Gross weight     |               | kg      | 24/29                           | 24/29          | 25/30          | 25/30          | 32/38          | 32/38          |
| Loading quantity            | 40'GP         | unit    | 252                             | 252            | 252            | 252            | 189            | 189            |
|                             | 40'HQ         | unit    | 288                             | 288            | 288            | 288            | 216            | 216            |

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| Model                       |               |         | GMV-ND90ZD/B-T                  | GMV-ND112ZD/B-T | GMV-ND125ZD/B-T | GMV-ND140ZD/B-T | GMV-ND160ZD/B-T |
|-----------------------------|---------------|---------|---------------------------------|-----------------|-----------------|-----------------|-----------------|
| Capacity                    | Cooling       | kW      | 9.0                             | 11.2            | 12.5            | 14.0            | 16.0            |
|                             | Heating       | kW      | 10.0                            | 12.5            | 14.0            | 16.0            | 18.0            |
| Power supply                |               | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                 |                 |                 |                 |
| Power consumption           |               | W       | 120                             | 120             | 120             | 150             | 175             |
| Airflow volume(H/M/L)       |               | m³/h    | 1550/1400/1250                  | 1800/1600/1400  | 1800/1600/1400  | 2000/1750/1600  | 2150/1850/1650  |
| Rated current               | Cooling       | A       | 0.7                             | 0.7             | 0.7             | 0.8             | 0.9             |
|                             | Heating       | A       | 0.7                             | 0.7             | 0.7             | 0.8             | 0.9             |
| Sound pressure level(H/M/L) |               | dB(A)   | 47/44/41                        | 47/44/42        | 47/44/42        | 49/45/43        | 52/48/45        |
| Connecting pipe             | Liquid        | mm      | Φ9.52                           | Φ9.52           | Φ9.52           | Φ9.52           | Φ9.52           |
|                             | Gas           | mm      | Φ15.9                           | Φ15.9           | Φ15.9           | Φ15.9           | Φ19.05          |
| Drain pipe                  | External dia. | mm      | Φ17                             | Φ17             | Φ17             | Φ17             | Φ17             |
|                             | Thickness     | mm      | 1.75                            | 1.75            | 1.75            | 1.75            | 1.75            |
| Dimension (W×D×H)           | Outline       | mm      | 1200×665×235                    | 1570×665×235    | 1570×665×235    | 1570×665×235    | 1570×665×235    |
|                             | Package       | mm      | 1303×770×300                    | 1669×770×300    | 1669×770×300    | 1669×770×300    | 1669×770×300    |
| Net weight/Gross weight     |               | kg      | 33/39                           | 41/48           | 41/48           | 43/50           | 43/50           |
| Loading quantity            | 40"GP         | unit    | 189                             | 147             | 147             | 147             | 147             |
|                             | 40"HQ         | unit    | 216                             | 168             | 168             | 168             | 168             |

Wall-mounted Type Indoor Unit

| Model                       |               |         | GMV-ND15G/B4B-T                 | GMV-ND18G/B4B-T | GMV-ND22G/B4B-T | GMV-ND28G/B4B-T | GMV-ND36G/B4B-T | GMV-ND45G/B4B-T | GMV-ND50G/B4B-T |
|-----------------------------|---------------|---------|---------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Capacity                    | Cooling       | kW      | 1.5                             | 1.8             | 2.2             | 2.8             | 3.6             | 4.5             | 5.0             |
|                             | Heating       | kW      | 1.8                             | 2.2             | 2.5             | 3.2             | 4.0             | 5.0             | 5.6             |
| Power supply                |               | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                 |                 |                 |                 |                 |                 |
| Power consumption           |               | W       | 20                              | 20              | 20              | 20              | 25              | 35              | 35              |
| Airflow volume(H/M/L)       |               | m³/h    | 500/440/300                     | 500/440/300     | 500/440/300     | 500/440/300     | 630/460/320     | 850/580/500     | 850/580/500     |
| Rated current               | Cooling       | A       | 0.10                            | 0.10            | 0.10            | 0.10            | 0.12            | 0.17            | 0.17            |
|                             | Heating       | A       | 0.10                            | 0.10            | 0.10            | 0.10            | 0.12            | 0.17            | 0.17            |
| Sound pressure level(H/M/L) |               | dB(A)   | 35/33/30                        | 35/33/30        | 35/33/30        | 35/33/30        | 38/35/31        | 43/40/37        | 43/40/37        |
| Connecting pipe             | Liquid        | mm      | Φ6.35                           | Φ6.35           | Φ6.35           | Φ6.35           | Φ6.35           | Φ6.35           | Φ6.35           |
|                             | Gas           | mm      | Φ9.52                           | Φ9.52           | Φ9.52           | Φ9.52           | Φ12.70          | Φ12.70          | Φ12.70          |
| Drain pipe                  | External dia. | mm      | Φ20                             | Φ20             | Φ20             | Φ20             | Φ20             | Φ20             | Φ20             |
|                             | Thickness     | mm      | 1.5                             | 1.5             | 1.5             | 1.5             | 1.5             | 1.5             | 1.5             |
| Dimension (W×D×H)           | Outline       | mm      | 845×209×289                     | 845×209×289     | 845×209×289     | 845×209×289     | 845×209×289     | 970×224×300     | 970×224×300     |
|                             | Package       | mm      | 976×281×379                     | 976×281×379     | 976×281×379     | 976×281×379     | 976×281×379     | 1096×308×395    | 1096×308×395    |
| Net weight/Gross weight     |               | kg      | 10.5/12.5                       | 10.5/12.5       | 10.5/12.5       | 10.5/12.5       | 10.5/12.5       | 12.5/15.5       | 12.5/15.5       |
| Loading quantity            | 40"GP         | unit    | 576                             | 576             | 576             | 576             | 576             | 448             | 448             |
|                             | 40"HQ         | unit    | 576                             | 576             | 576             | 576             | 576             | 512             | 512             |

| Model                       |               |         | GMV-ND56G/B4B-T                 | GMV-ND63G/B4B-T | GMV-ND71G/B4B-T | GMV-ND80G/B4B-T | GMV-ND90G/B4B-T | GMV-ND100G/B4B-T |
|-----------------------------|---------------|---------|---------------------------------|-----------------|-----------------|-----------------|-----------------|------------------|
| Capacity                    | Cooling       | kW      | 5.6                             | 6.3             | 7.1             | 8.0             | 9.0             | 9.5              |
|                             | Heating       | kW      | 6.3                             | 7.1             | 7.5             | 9.0             | 10.0            | 10.5             |
| Power supply                |               | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                 |                 |                 |                 |                  |
| Power consumption           |               | W       | 50                              | 50              | 65              | 80              | 80              | 100              |
| Airflow volume(H/M/L)       |               | m³/h    | 1100/850/650                    | 1100/850/650    | 1200/850/650    | 1550/1050/800   | 1550/1050/800   | 1650/1100/900    |
| Rated current               | Cooling       | A       | 0.24                            | 0.24            | 0.31            | 0.41            | 0.41            | 0.41             |
|                             | Heating       | A       | 0.24                            | 0.24            | 0.31            | 0.41            | 0.41            | 0.41             |
| Sound pressure level(H/M/L) |               | dB(A)   | 43/41/37                        | 43/41/37        | 44/41/37        | 49/46/40        | 49/46/40        | 52/48/40         |
| Connecting pipe             | Liquid        | mm      | Φ9.52                           | Φ9.52           | Φ9.52           | Φ9.52           | Φ9.52           | Φ9.52            |
|                             | Gas           | mm      | Φ15.9                           | Φ15.9           | Φ15.9           | Φ15.9           | Φ15.9           | Φ15.9            |
| Drain pipe                  | External dia. | mm      | Φ20                             | Φ20             | Φ20             | Φ20             | Φ20             | Φ20              |
|                             | Thickness     | mm      | 1.5                             | 1.5             | 1.5             | 1.5             | 1.5             | 1.5              |
| Dimension (W×D×H)           | Outline       | mm      | 1078×246×325                    | 1078×246×325    | 1078×246×325    | 1350×258×326    | 1350×258×326    | 1350×258×326     |
|                             | Package       | mm      | 1203×338×425                    | 1203×338×425    | 1203×338×425    | 1496×357×433    | 1496×357×433    | 1496×357×433     |
| Net weight/Gross weight     |               | kg      | 16/19                           | 16/19           | 16/19           | 20/24           | 20/24           | 20/24            |
| Loading quantity            | 40"GP         | unit    | 282                             | 282             | 282             | 228             | 228             | 228              |
|                             | 40"HQ         | unit    | 329                             | 329             | 329             | 266             | 266             | 266              |

Console Indoor Unit

| Model                       |               |         | GMV-ND22C/A-T                   | GMV-ND28C/A-T | GMV-ND36C/A-T | GMV-ND45C/A-T | GMV-ND50C/A-T |
|-----------------------------|---------------|---------|---------------------------------|---------------|---------------|---------------|---------------|
| Capacity                    | Cooling       | kW      | 2.2                             | 2.8           | 3.6           | 4.5           | 5.0           |
|                             | Heating       | kW      | 2.5                             | 3.2           | 4.0           | 5.0           | 5.5           |
| Power supply                |               | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |               |               |               |               |
| Power consumption           |               | W       | 15                              | 15            | 20            | 40            | 40            |
| Airflow volume(H/M/L)       |               | m³/h    | 400/320/270                     | 400/320/270   | 480/400/310   | 680/600/500   | 680/600/500   |
| Rated current               | Cooling       | A       | 0.17                            | 0.17          | 0.25          | 0.40          | 0.40          |
|                             | Heating       | A       | 0.17                            | 0.17          | 0.25          | 0.40          | 0.40          |
| Sound pressure level(H/M/L) |               | dB(A)   | 38/33/27                        | 38/33/27      | 40/37/32      | 46/43/39      | 46/43/39      |
| Connecting pipe             | Liquid        | mm      | Φ6.35                           | Φ6.35         | Φ6.35         | Φ6.35         | Φ6.35         |
|                             | Gas           | mm      | Φ9.52                           | Φ9.52         | Φ12.70        | Φ12.70        | Φ12.70        |
| Drain pipe                  | External dia. | mm      | Φ28                             | Φ28           | Φ28           | Φ28           | Φ28           |
|                             | Thickness     | mm      | 1                               | 1             | 1             | 1             | 1             |
| Dimension (W×D×H)           | Outline       | mm      | 700×215×600                     | 700×215×600   | 700×215×600   | 700×215×600   | 700×215×600   |
|                             | Package       | mm      | 788×283×777                     | 788×283×777   | 788×283×777   | 788×283×777   | 788×283×777   |
| Net weight/Gross weight     |               | kg      | 16/19                           | 16/19         | 16/19         | 16/19         | 16/19         |
| Loading quantity            | 40"GP         | unit    | 348                             | 348           | 348           | 348           | 348           |
|                             | 40"HQ         | unit    | 348                             | 348           | 348           | 348           | 348           |

Floor Standing Type

|                             | Model         |         | GMV-ND100L/A-T                  | GMV-ND140L/A-T   |
|-----------------------------|---------------|---------|---------------------------------|------------------|
| Capacity                    | Cooling       | kW      | 10.0                            | 14.0             |
|                             | Heating       | kW      | 11.0                            | 15.0             |
| Power supply                |               | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                  |
| Power consumption           |               | W       | 200                             | 200              |
| Airflow volume(H/M/L)       |               | m³/h    | 1850/1600/1400                  | 1850/1600/1400   |
| Sound pressure level(H/M/L) |               | dB(A)   | 50/48/46                        | 50/48/46         |
| Connecting pipe             | Liquid        | mm      | Φ9.52                           | Φ9.52            |
|                             | Gas           | mm      | Φ15.9                           | Φ15.9            |
| Drain pipe                  | External dia. | mm      | Φ31                             | Φ31              |
|                             | Thickness     | mm      | 4.5                             | 4.5              |
| Dimension (W × D × H)       | Outline       | mm      | 580 × 400 × 1870                | 580 × 400 × 1870 |
|                             | Package       | mm      | 738 × 545 × 2083                | 738 × 545 × 2083 |
| Net weight/Gross weight     |               | kg      | 54.0/74.0                       | 57.0/77.0        |
| Loading quantity            | 40'GP         | unit    | 67                              | 67               |
|                             | 40'HQ         | unit    | 67                              | 67               |

Concealed Floor Standing Type

| Model                       |               |         | GMV-ND22ZA/A-T                  | GMV-ND28ZA/A-T | GMV-ND36ZA/A-T | GMV-ND45ZA/A-T | GMV-ND56ZA/A-T | GMV-ND63ZA/A-T | GMV-ND71ZA/A-T |
|-----------------------------|---------------|---------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Capacity                    | Cooling       | kW      | 2.2                             | 2.8            | 3.6            | 4.5            | 5.6            | 6.3            | 7.1            |
|                             | Heating       | kW      | 2.5                             | 3.2            | 4.0            | 5.0            | 6.3            | 7.1            | 8.0            |
| Power supply                |               | V/Ph/Hz | 220-240V~ 50Hz & 208-230V~ 60Hz |                |                |                |                |                |                |
| Power consumption           |               | W       | 35                              | 35             | 43             | 45             | 80             | 80             | 90             |
| Airflow volume(H/M/L)       |               | m³/h    | 450/350/250                     | 450/350/250    | 550/450/350    | 650/500/400    | 900/750/600    | 900/750/600    | 1100/900/700   |
| Rated current               | Cooling       | A       | 0.18                            | 0.18           | 0.22           | 0.23           | 0.41           | 0.41           | 0.46           |
|                             | Heating       | A       | 0.18                            | 0.18           | 0.22           | 0.23           | 0.41           | 0.41           | 0.46           |
| ESP                         |               | Pa      | 10/0~40                         | 10/0~40        | 10/0~40        | 15/0~60        | 15/0~60        | 15/0~60        | 15/0~60        |
| Sound pressure level(H/M/L) |               | dB(A)   | 30/28/25                        | 30/28/25       | 33/31/28       | 33/31/28       | 35/33/30       | 35/33/30       | 37/35/33       |
| Connecting pipe             | Liquid        | mm      | Φ6.35                           | Φ6.35          | Φ6.35          | Φ6.35          | Φ9.52          | Φ9.52          | Φ9.52          |
|                             | Gas           | mm      | Φ9.52                           | Φ9.52          | Φ12.7          | Φ12.7          | Φ15.9          | Φ15.9          | Φ15.9          |
| Drain pipe                  | External dia. | mm      | Φ25                             | Φ25            | Φ25            | Φ25            | Φ25            | Φ25            | Φ25            |
|                             | Thickness     | mm      | 1.2                             | 1.2            | 1.2            | 1.2            | 1.2            | 1.2            | 1.2            |
| Dimension (W×D×H)           | Outline       | mm      | 700×200×615                     | 700×200×615    | 700×200×615    | 900×200×615    | 1100×200×615   | 1100×200×615   | 1100×200×615   |
|                             | Package       | mm      | 893×305×743                     | 893×305×743    | 893×305×743    | 1123×305×743   | 1323×305×743   | 1323×305×743   | 1323×305×743   |
| Net weight/Gross weight     |               | kg      | 23/30                           | 23/30          | 23/30          | 27/36          | 32/41          | 32/41          | 32/41          |
| Loading quantity            | 40"GP         | unit    | 273                             | 273            | 273            | 217            | 175            | 175            | 175            |
|                             | 40"HQ         | unit    | 312                             | 312            | 312            | 248            | 200            | 200            | 200            |

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AHU-KIT

| Model                            |                                |             | GMV-N36U/C-T                     |       |        | GMV-N71U/C-T |        |        | GMV-N140U/C-T |        |        | GMV-N280U/C-T |        |        |        |        | GMV-N560U/C-T |        |        |
|----------------------------------|--------------------------------|-------------|----------------------------------|-------|--------|--------------|--------|--------|---------------|--------|--------|---------------|--------|--------|--------|--------|---------------|--------|--------|
| Defaulted capacity of ex-factory | Capacity                       |             | 36                               |       |        | 71           |        |        | 140           |        |        | 280           |        |        |        |        | 560           |        |        |
|                                  | Cooling                        | kW          | 3.6                              |       |        | 7.1          |        |        | 14.0          |        |        | 28.0          |        |        |        |        | 56.0          |        |        |
|                                  | Heating                        | kW          | 4.0                              |       |        | 8.0          |        |        | 16.0          |        |        | 31.5          |        |        |        |        | 63.0          |        |        |
| Adjustable capacity              | Capacity                       |             | 28                               | 36    | 45     | 56           | 71     | 90     | 112           | 140    | 224    | 280           | 335    | 400    | 450    | 504    | 560           | 840    |        |
|                                  | Cooling                        | kW          | 2.8                              | 3.6   | 4.5    | 5.6          | 7.1    | 9.0    | 11.2          | 14.0   | 22.4   | 28.0          | 33.5   | 40.0   | 45.0   | 50.4   | 56.0          | 84.0   |        |
|                                  | Heating                        | kW          | 3.2                              | 4.0   | 5.0    | 6.3          | 8.0    | 10.0   | 12.5          | 16.0   | 25.0   | 31.5          | 37.5   | 45.0   | 50.0   | 56.5   | 63.0          | 94.5   |        |
| Power input                      |                                | W           | 8                                |       |        | 8            |        |        | 8             |        |        | 8             |        |        |        |        | 8             |        |        |
| Power supply                     |                                | V/Ph/Hz     | 220-240V ~ 50Hz & 208-230V~ 60Hz |       |        |              |        |        |               |        |        |               |        |        |        |        |               |        |        |
| Size of connection pipe          | AHU-KIT (ex-factory pipe size) | mm          | Φ6.35                            | Φ6.35 | Φ9.52  | Φ9.52        | Φ9.52  | Φ9.52  | Φ9.52         | Φ9.52  | Φ9.52  | Φ9.52         | Φ9.52  | Φ9.52  | Φ15.90 | Φ15.90 | Φ15.90        |        |        |
|                                  | Air handling unit              | Liquid pipe | mm                               | Φ6.35 | Φ6.35  | Φ6.35        | Φ9.52  | Φ9.52  | Φ9.52         | Φ9.52  | Φ9.52  | Φ9.52         | Φ9.52  | Φ12.70 | Φ12.70 | Φ12.70 | Φ15.90        | Φ15.90 | Φ19.05 |
|                                  |                                | Gas pipe    | mm                               | Φ9.52 | Φ12.70 | Φ12.70       | Φ15.90 | Φ15.90 | Φ15.90        | Φ15.90 | Φ15.90 | Φ19.05        | Φ22.20 | Φ25.40 | Φ25.40 | Φ28.60 | Φ28.60        | Φ28.60 | Φ31.80 |
|                                  | Connection method              |             | Brazing Connection               |       |        |              |        |        |               |        |        |               |        |        |        |        |               |        |        |
| Outline dimension (W×D×H)        | EXV box                        | mm          | 203×326×85                       |       |        | 203×326×85   |        |        | 203×326×85    |        |        | 203×326×85    |        |        |        |        | 246×500×120   |        |        |
|                                  | Control box                    |             | 334×284×111                      |       |        | 334×284×111  |        |        | 334×284×111   |        |        | 334×284×111   |        |        |        |        | 334×284×111   |        |        |
| Package dimension(W×D×H)         |                                | mm          | 539×461×247                      |       |        | 539×461×247  |        |        | 539×461×247   |        |        | 539×461×247   |        |        |        |        | 759×645×180   |        |        |
| Net weight                       |                                | kg          | 10.0                             |       |        | 10.5         |        |        | 10.5          |        |        | 10.5          |        |        |        |        | 13.0          |        |        |
| Gross weight                     |                                | kg          | 13.0                             |       |        | 13.5         |        |        | 13.5          |        |        | 13.5          |        |        |        |        | 17.5          |        |        |
| Loading                          | 40'GP                          | unit        | 990                              |       |        | 990          |        |        | 990           |        |        | 990           |        |        |        |        | 702           |        |        |
|                                  | 40'HP                          | unit        | 1100                             |       |        | 1100         |        |        | 1100          |        |        | 1100          |        |        |        |        | 756           |        |        |

| Model                               |                         |             | GMV-N560U/C-T<br>+GMV-N140U/C-T     | GMV-N560U/C-T<br>+GMV-N280U/C-T     | GMV-N560U/C-T<br>+GMV-N560U/C-T |         | GMV-N560U/C-T<br>+GMV-N140U/C-T           | GMV-N560U/C-T<br>+GMV-N280U/C-T           | GMV-N560U/C-T<br>+GMV-N560U/C-T |             |
|-------------------------------------|-------------------------|-------------|-------------------------------------|-------------------------------------|---------------------------------|---------|-------------------------------------------|-------------------------------------------|---------------------------------|-------------|
| Defaulted capacity of<br>ex-factory | Capacity                |             | 840+140                             | 840+280                             | 840+560                         | 840+840 | 840+840+140                               | 840+840+280                               | 840+840+560                     | 840+840+840 |
|                                     | Cooling                 | kW          | 98.0                                | 112.0                               | 140.0                           | 168.0   | 182.0                                     | 196.0                                     | 224.0                           | 252.0       |
|                                     | Heating                 | kW          | 110.5                               | 126.0                               | 157.5                           | 189.0   | 204.5                                     | 220.5                                     | 252.0                           | 283.5       |
| Power input                         |                         | W           | 8+8                                 | 8+8                                 | 8+8                             |         | 8+8+8                                     | 8+8+8                                     | 8+8+8                           |             |
| Power supply                        |                         | V/Ph/Hz     | 220-240V~ 50Hz & 208-230V~ 60Hz     |                                     |                                 |         |                                           |                                           |                                 |             |
| Size of<br>connection<br>pipe       | Air<br>handling<br>unit | Liquid pipe | Φ19.05                              | Φ19.05                              | Φ19.05                          | Φ19.05  | Φ19.05                                    | Φ22.20                                    | Φ22.20                          | Φ22.20      |
|                                     |                         | Gas pipe    | Φ38.1                               | Φ38.1                               | Φ41.3                           | Φ41.3   | Φ41.3                                     | Φ44.5                                     | Φ44.5                           | Φ44.5       |
|                                     | Connection method       |             | Brazing Connection                  |                                     |                                 |         |                                           |                                           |                                 |             |
| Outline dimension<br>(W × D × H)    |                         | EXV box     | 246 × 500 × 120<br>+203 × 326 × 85  | 246 × 500 × 120<br>+203 × 326 × 85  | (246 × 500 × 120) × 2           |         | (246 × 500 × 120) × 2<br>+203 × 326 × 85  | (246 × 500 × 120) × 2<br>+203 × 326 × 85  | (246 × 500 × 120) × 3           |             |
|                                     |                         | Control box | (334 × 284 × 111) × 2               | (334 × 284 × 111) × 2               | (334 × 284 × 111) × 2           |         | (334 × 284 × 111) × 3                     | (334 × 284 × 111) × 3                     | (334 × 284 × 111) × 3           |             |
| Package dimension(W × D × H)        |                         | mm          | 759 × 645 × 180+<br>539 × 461 × 247 | 759 × 645 × 180+<br>539 × 461 × 247 | (759 × 645 × 180) × 2           |         | (759 × 645 × 180) × 2<br>+539 × 461 × 247 | (759 × 645 × 180) × 2<br>+539 × 461 × 247 | (759 × 645 × 180) × 3           |             |
| Net weight                          |                         | kg          | 13.0+10.5                           | 13.0+10.5                           | 13.0+13.0                       |         | 13.0+13.0+10.5                            | 13.0+13.0+10.5                            | 13.0+13.0+10.5                  |             |
| Gross weight                        |                         | kg          | 17.5+13.5                           | 17.5+13.5                           | 17.5+17.5                       |         | 17.5+17.5+13.5                            | 17.5+17.5+13.5                            | 17.5+17.5+17.5                  |             |

Fresh Air Processing Indoor Unit

| Model                                             |                      |                   | GMV-NDX125P/A-T                 | GMV-NDX140P/A-T | GMV-NDX224P/A-T | GMV-NDX250P/A-T | GMV-NDX280P/A-T | GMV-NX450P/A(X4.0)-M |
|---------------------------------------------------|----------------------|-------------------|---------------------------------|-----------------|-----------------|-----------------|-----------------|----------------------|
| Capacity                                          | Cooling <sup>1</sup> | kW                | 12.5                            | 14.0            | 22.4            | 25.0            | 28.0            | 45.0                 |
|                                                   | Heating <sup>2</sup> | kW                | 8.5                             | 10.0            | 16.0            | 18.0            | 20.0            | 32.0                 |
|                                                   | Heating <sup>3</sup> | kW                | 10.5                            | 12.0            | 20.0            | 20.0            | 22.0            | 35.0                 |
| Power supply                                      |                      | V/Ph/Hz           | 220-240V ~ 50Hz & 208-230V~60Hz |                 |                 |                 |                 | 380-415V 3N~50Hz     |
| Power consumption <sup>4</sup>                    |                      | W                 | 200/350                         | 200/350         | 400/760         | 520/860         | 520/860         | 1240                 |
| ESP <sup>5</sup>                                  |                      | Pa                | 150/50~200                      | 150/50~200      | 200/50 ~ 300    | 200/50 ~ 300    | 200/50 ~ 300    | 200                  |
| Airflow volume (Default/Range) <sup>6</sup>       |                      | m <sup>3</sup> /h | 1200/1000~2000                  | 1200/1000~2000  | 2000/1500~3000  | 2500/2000~3500  | 2500/2000~3500  | 4000                 |
| Rated current <sup>7</sup>                        | Cooling              | A                 | 1.5/2.0                         | 1.5/2.0         | 2.5/4.3         | 3.1/4.9         | 3.1/4.9         | 3.4                  |
|                                                   | Heating              | A                 | 1.5/2.0                         | 1.5/2.0         | 2.5/4.3         | 3.1/4.9         | 3.1/4.9         | 3.4                  |
| Sound pressure level (Default/Range) <sup>8</sup> |                      | dB(A)             | 46/40~50                        | 46/40~50        | 45/45~54        | 47/47~54        | 47/47~54        | 58                   |
| Connecting pipe                                   | Liquid               | mm                | Φ9.52                           | Φ9.52           | Φ9.52           | Φ9.52           | Φ9.52           | Φ12.70               |
|                                                   | Gas                  | mm                | Φ15.9                           | Φ15.9           | Φ19.05          | Φ22.2           | Φ22.2           | Φ28.6                |
| Drain pipe                                        | External dia.        | mm                | Φ25                             | Φ25             | Φ25             | Φ25             | Φ25             | Φ33                  |
|                                                   | Thickness            | mm                | 2.5                             | 2.5             | 2.0             | 2.0             | 2.0             | 3.0                  |
| Dimension (W×D×H)                                 | Outline              | mm                | 1400×700×300                    | 1400×700×300    | 1483×791×385    | 1483×791×385    | 1483×791×385    | 1700×1100×650        |
|                                                   | Package              | mm                | 1601×813×365                    | 1601×813×365    | 1578×883×472    | 1578×883×472    | 1578×883×472    | 1893×1463×838        |
| Net weight/Gross weight                           |                      | kg                | 54/61                           | 54/61           | 82/104          | 82/104          | 82/104          | 208/266              |
| Loading quantity                                  | 40'GP                | unit              | 84                              | 84              | 52              | 52              | 52              | 16                   |
|                                                   | 40'HQ                | unit              | 98                              | 98              | 65              | 65              | 65              | 16                   |

Note:

1. Rated cooling capacity test conditions: indoor 35℃ DB/28℃ WB, outdoor 35℃ DB.

2. Rated heating capacity test conditions: indoor 7℃ DB, outdoor 7℃ DB/6℃ WB.

3. Rated heating capacity test conditions: indoor -7℃ DB, outdoor 0℃ DB / -2.9℃ WB.

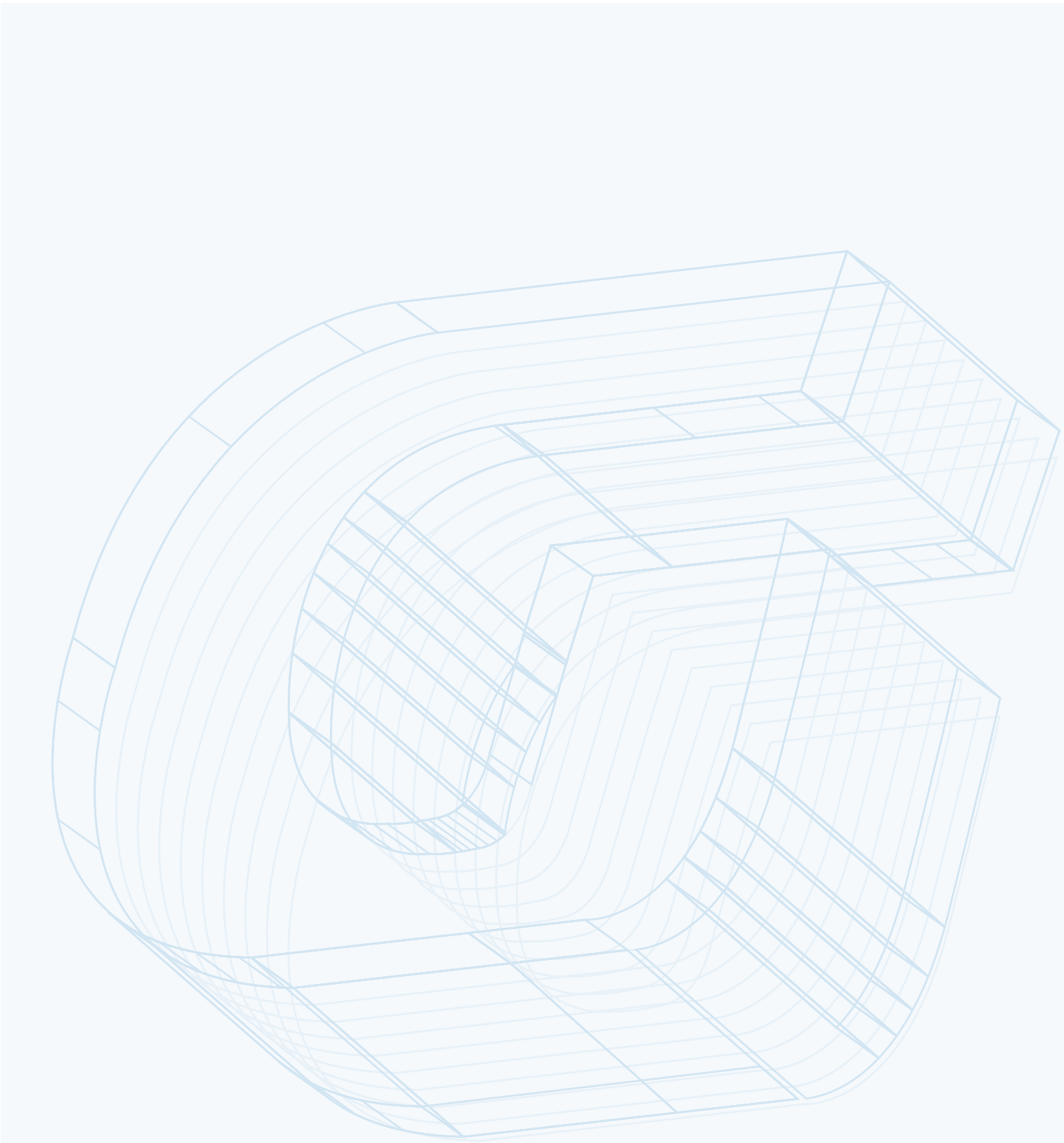
4. As for power consumption column, the left side of "/" is the rated power, and the right side is the max. power.

5. External static pressure: the left side of "/" is the static pressure of a standard unit while the right side is the static pressure option of a non-standard unit.

6. Air volume: the left side of "/" is the rated air volume while the right side is the adjustable fresh air volume.

7. Input current: the left side of "/" is the rated current, while the right side is the maximum current.

8. As to noise: the left side of "/" is the noise value under rated static pressure while the right side is the noise range with the change of static pressure.







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# Control System





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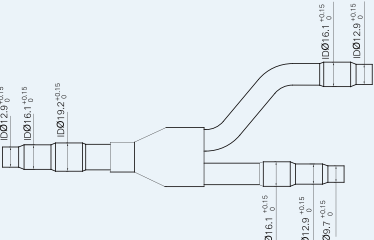
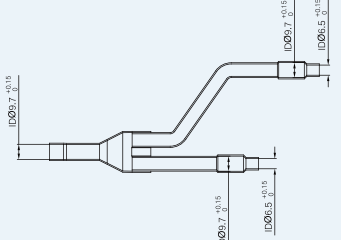
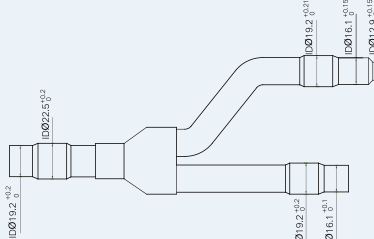
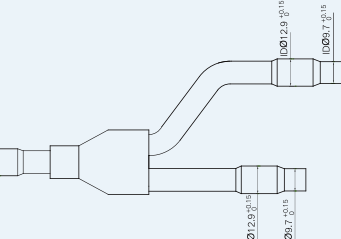
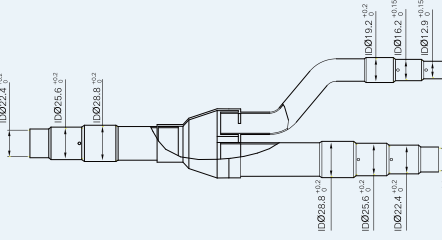
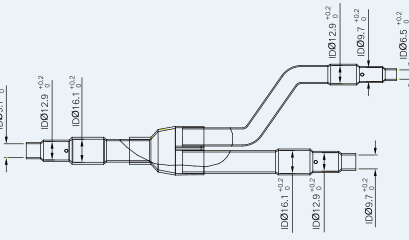
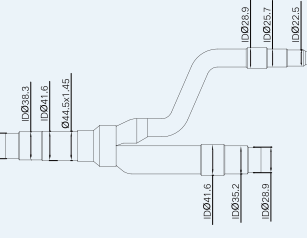
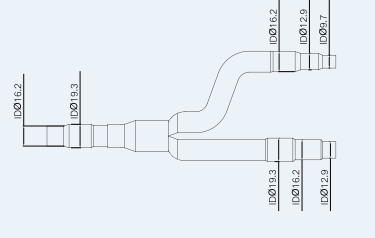
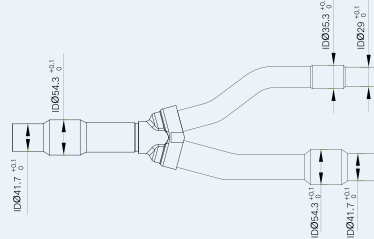
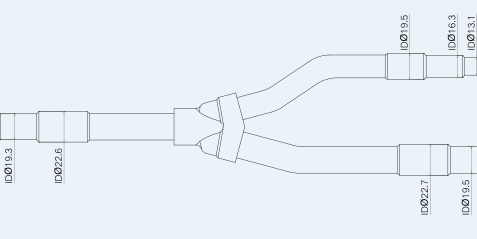
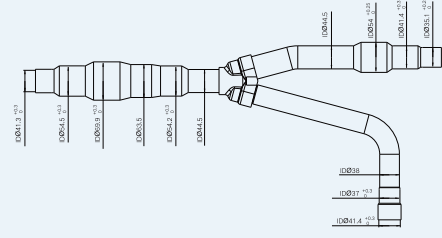
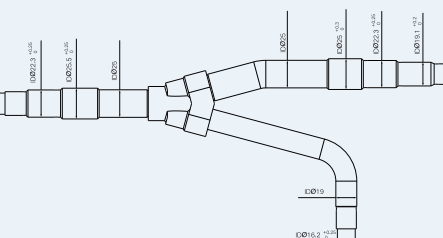
Control System Lineup

| Controlling systems       |                                           |                |                                                                                   | Outdoor series |         |           |                |           |           |
|---------------------------|-------------------------------------------|----------------|-----------------------------------------------------------------------------------|----------------|---------|-----------|----------------|-----------|-----------|
|                           |                                           |                |                                                                                   | GMV6           | GMV6 HR | GMV5 Mini | GMV5 Mini Star | GMV5 Slim | GMV5 Home |
| Long-distance monitor     | Intelligent remote eudemon                | ME30-24/DF(B)  |  | ○              | ○       | ○         | ○              | ○         | ○         |
|                           |                                           | ME20-24/D1(T)  |  |                |         |           |                |           |           |
|                           | Gateway of building protocol              | ME30-24/E6(M)  |  | ○              | ○       | ○         | ○              | ○         | ○         |
|                           |                                           | ME30-24/D1(BM) |  | ○              | ○       | ○         | ○              | ○         | ○         |
|                           |                                           | ME31-33/EH1(M) |  | ○              | ○       | ○         | ○              | ○         | ○         |
| Intellint billing eudemon |                                           | FE11-24/D4(B)  |  | ○              | ○       | ○         | ○              | ○         |           |
|                           |                                           | ME11-24/D4(B)  |  |                |         |           |                |           |           |
| G-Cloud                   |                                           | ME31-00/C3     |  | ○              | ○       | ○         | ○              | ○         |           |
| Other modules             | Optoelectronic isolated converter         | GD02           |  | ○              | ○       | ○         | ○              | ○         |           |
|                           | Optoelectronic isolated signal multiplier | RS485-W        |  | ○              | ○       | ○         | ○              | ○         |           |

| Controlling system     |                |  | Indoor series                                                                       |   |     | Cassette type | (High ESP, Low ESP, Slim ducted) Duct type | Fresh air processing | Wall mounted eype | Floor ceiling type | Cassette type | Floor standing type | Concealed floor standing type |
|------------------------|----------------|--|-------------------------------------------------------------------------------------|---|-----|---------------|--------------------------------------------|----------------------|-------------------|--------------------|---------------|---------------------|-------------------------------|
| Wireless controller    | YAP1F          |  |  | ● | ○   | ○             | ●                                          | ●                    | ●                 | ●                  | ●             | ●                   | ○                             |
|                        | YAP1F7         |  |  | ○ | ○   | ○             | ○                                          | ○                    | ○                 | ○                  | ○             | ○                   | ○                             |
| Wired controller       | XK46           |  |  | ○ | ●/○ | ●             | ○                                          | ○                    | ○                 | ○                  | ○             | ○                   | ●                             |
|                        | XE7A-24/H      |  |  | ○ | ●/○ | ○             | ○                                          | ○                    | ○                 | ○                  | ○             | ○                   | ○                             |
|                        | XE7A-24/HC     |  |  | ○ | ○   | ○             | ○                                          | ○                    | ○                 | ○                  | ○             | ○                   | ○                             |
|                        | XE73-24/HC     |  |  | ○ | ○   | ○             | ○                                          | ○                    | ○                 | ○                  | ○             | ○                   | ○                             |
|                        | XE70-33/H      |  |  | ○ | ○   | ○             | ○                                          | ○                    | ○                 | ○                  | ○             | ○                   | ○                             |
|                        | JS13           |  |  | ○ | ○   | ○             | ○                                          | ○                    | ○                 | ○                  | ○             | ○                   | ○                             |
| Linkage Controller     | LE60-24/H1     |  |  | ○ | ○   | ○             | ○                                          | ○                    | ○                 | ○                  | ○             | ○                   | ○                             |
| Centralized controller | CE54-24/F(C)   |  |  | ○ | ○   | ○             | ○                                          | ○                    | ○                 | ○                  | ○             | ○                   | ○                             |
|                        | CE52-24/F(C)   |  |  | ○ | ○   | ○             | ○                                          | ○                    | ○                 | ○                  | ○             | ○                   | ○                             |
|                        | CE58-00/EF(CM) |  |  | ○ | ○   | ○             | ○                                          | ○                    | ○                 | ○                  | ○             | ○                   | ○                             |
| Debugger               | DE43-00/EF(CM) |  |  | ○ | ○   | ○             | ○                                          | ○                    | ○                 | ○                  | ○             | ○                   | ○                             |

Note : ● means standard, ○ means optional.  
XE73-24/HC is under development. Please confirm the final specifications with the sales personnel.

Branching Joint (For GMV6 and GMV X units)

| For Indoor & Outdoor Units |                      |  | Appearance                                                                            |                                                                                       |
|----------------------------|----------------------|--|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Model                      | Total capacity X(kW) |  | Gas pipe                                                                              | Liquid pipe                                                                           |
|                            |                      |  |                                                                                       |                                                                                       |
| FQ01A/A                    | X < 20               |  |    |    |
| FQ01B/A                    | 20≤X≤30              |  |    |    |
| FQ02/A                     | 30 < X ≤ 70          |  |   |   |
| FQ03/A                     | 70<X≤136             |  |  |  |
| FQ04/A                     | 136 < X ≤ 272        |  |  |  |
| FQ05/A                     | X > 272              |  |  |  |





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Branching Joint (For GMV6 HR units)

| For Outdoor Units and Mode Exchanger |                                                     |                        |                       |             |
|--------------------------------------|-----------------------------------------------------|------------------------|-----------------------|-------------|
| Model                                | Total capacity of the downstream indoor units X(kW) | Appearance             |                       |             |
|                                      |                                                     | High-pressure gas pipe | Low-pressure gas pipe | Liquid pipe |
| FQ01Na/A                             | $X \leq 5.0$                                        |                        |                       |             |
| FQ02Na/A                             | $5.0 < X \leq 22.4$                                 |                        |                       |             |
| FQ03Na/A                             | $22.4 < X \leq 28.0$                                |                        |                       |             |
| FQ04Na/A                             | $28.0 < X \leq 68$                                  |                        |                       |             |
| FQ05Na/A                             | $68 < X \leq 96$                                    |                        |                       |             |
| FQ06Na/A                             | $96 < X \leq 135$                                   |                        |                       |             |
| FQ07Na/A                             | $135.0 < X$                                         |                        |                       |             |

For Indoor & Mode Exchanger

| Model   | Total capacity of the downstream indoor units X(kW) | Appearance |             |
|---------|-----------------------------------------------------|------------|-------------|
|         |                                                     | Gas pipe   | Liquid pipe |
| FQ01A/A | $X \leq 16$                                         |            |             |
| FQ01B/A | $16 < X \leq 28.0$                                  |            |             |

For Outdoor Units

| Model | Module ' s capacity X(kW) | Appearance             |                       |             |
|-------|---------------------------|------------------------|-----------------------|-------------|
|       |                           | High-pressure gas pipe | Low-pressure gas pipe | Liquid pipe |
| ML01R | $50.4 \leq X \leq 96$     |                        |                       |             |
| ML02R | $96 < X$                  |                        |                       |             |

For GMV6 HR Mode Exchanger and Hydro Box

| Model   | Capacity of the hydro box X(kW) | Appearance |             |
|---------|---------------------------------|------------|-------------|
|         |                                 | Gas pipe   | Liquid pipe |
| FQ01B/A | $X=30$                          |            |             |