

# Specifications

## Outdoor unit

|  |                        |        |   |
|--|------------------------|--------|---|
| Model  |                        |        | MDV-V200WNI(AU)                               |
| Power supply                                       |                        |        | 220-240/1/50                                  |
| Heating <sup>1</sup>                               | Capacity               | V/N/Hz | 21.0  |
|  | Power input            | kW     | 5.0   |
| Cooling <sup>2</sup>                               | Capacity               | kW     | 15.5  |
|  | Power input            | kW     | 4.0   |
| Connected indoor unit                              | Total capacity         |        | 60-130% of outdoor unit capacity <sup>4</sup> |
|  | Maximum quantity       |        | 12  |
| Ambient temp. operation range                      | Cooling                | °C     | -15-55  |
|  | Heating                | °C     | -20-27  |
| Sound pressure level(cooling/heating) <sup>3</sup> |                        |        | 59/59   |
| Refrigerant  | Type                   |        | R410A   |
|  | Charge                 | Kg     | 4.4   |
| pipe size  | Liquid                 | mm     | 9   |
|  | Gas                    | mm     | 19  |
|  | Max. height difference | m      | 30(ODU up)                                    |
|  |                        | m      | 20(ODU down)                                  |
|  | Max. piping length     | m      | 80  |
| Net dimension(W*H*D)                               |                        |        | 902×1327×320                                  |
| Packing dimension(W*H*D)                           |                        |        | 1082×1406×434                                 |
| Net/Gross weight                                   |                        |        | 103/111                                       |

### Notes:

- Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 60-130% is system combination ratio, combination ratio=Sum of capacity indexes of the indoor units/Capacity index of the outdoor units  
\*The above data may be changed without notice for future improvement on quality and performance.

## Indoor unit

| Model                     |             |    | MIH13GN18-A           | MIH22GN18-A | MIH28GN18   | MIH36GN18   |
|---------------------------|-------------|----|-----------------------|-------------|-------------|-------------|
| Power supply              |             |    | 1phase, 220-240V,50Hz |             |             |             |
| Cooling <sup>1</sup>      | Capacity    | kW | 1.3                   | 2.2         | 2.8         | 3.6         |
|                           | Power input | W  | 24                    | 24          | 24          | 27          |
| Heating <sup>2</sup>      | Capacity    | kW | 1.5                   | 2.4         | 3.2         | 4           |
|                           | Power input | W  | 24                    | 24          | 24          | 27          |
| Pipe connections          | Liquid      | mm | Φ6.35                 | Φ6.35       | Φ6.35       | Φ6.35       |
|                           | Gas         | mm | Φ12.7                 | Φ12.7       | Φ12.7       | Φ12.7       |
| Net dimension (W×H×D)     |             |    | 750/295/265           | 750/295/265 | 750/295/265 | 750/295/265 |
| Packing dimension (W×H×D) |             |    | 875/385/360           | 875/385/360 | 875/385/360 | 875×385/360 |
| Net/Gross weight          |             |    | kg 10/12.5            | 10/12.5     | 10/12.5     | 10/12.5     |

| Model                     |             |    | MIH45GN18             | MIH56GN18    | MIH71GN18    | MIH80GN18    |
|---------------------------|-------------|----|-----------------------|--------------|--------------|--------------|
| Power supply              |             |    | 1phase, 220-240V,50Hz |              |              |              |
| Cooling <sup>1</sup>      | Capacity    | kW | 4.5                   | 5.6          | 7.1          | 8            |
|                           | Power input | W  | 30                    | 40           | 50           | 65           |
| Heating <sup>2</sup>      | Capacity    | kW | 5                     | 6.3          | 8            | 9            |
|                           | Power input | W  | 30                    | 40           | 50           | 65           |
| Pipe connections          | Liquid      | mm | Φ6.35                 | Φ6.35        | Φ9.52        | Φ9.52        |
|                           | Gas         | mm | Φ12.7                 | Φ12.7        | Φ15.9        | Φ15.9        |
| Net dimension (W×H×D)     |             |    | 950×295×265           | 950×295×265  | 1200×295×265 | 1200×295×265 |
| Packing dimension (W×H×D) |             |    | 1075×385×360          | 1075×385×360 | 1315×385×360 | 1315×385×360 |
| Net/Gross weight          |             |    | kg 11.5/14            | 11.5/14      | 15/18        | 15/18        |

### Notes:

- Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
- The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc.

