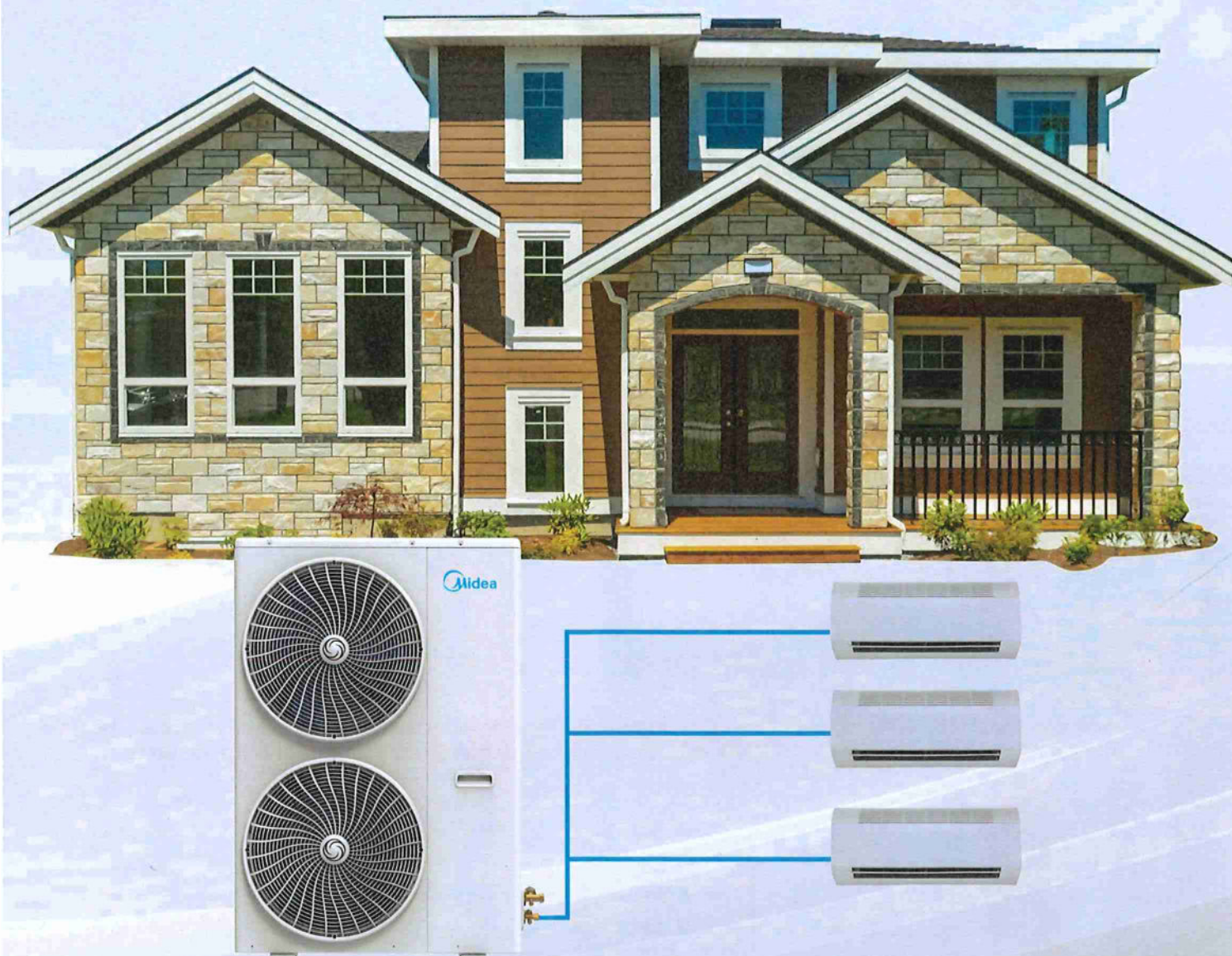


B-V200WN1(AU) 202311



# MDV-V200WN1(AU) R410A Mini VRF



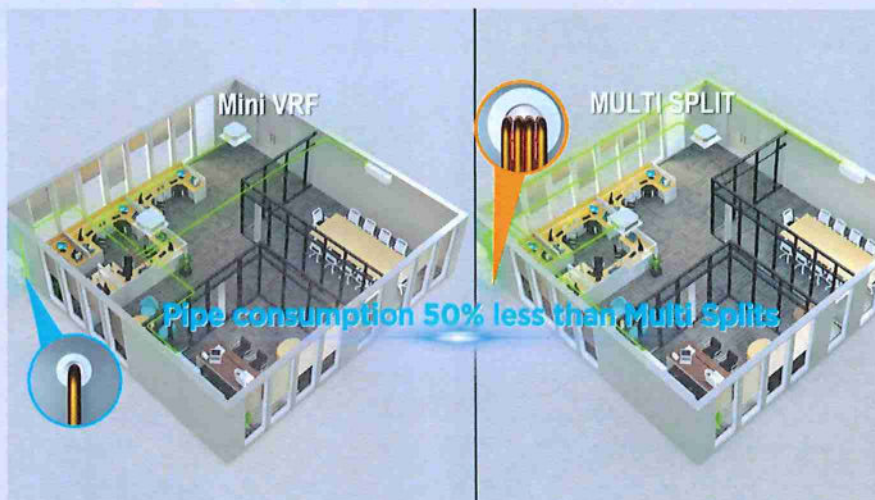
DISCOVER  
**RELIABLE COMFORT**

2024



## Less Required Space for Mini VRF Installation

Mini VRF use flare connections instead of welding, which facilitates owners a lot to save their cost for installation, as well as avoid health hazard by welding such as strip-lighting or extra-high temperature.

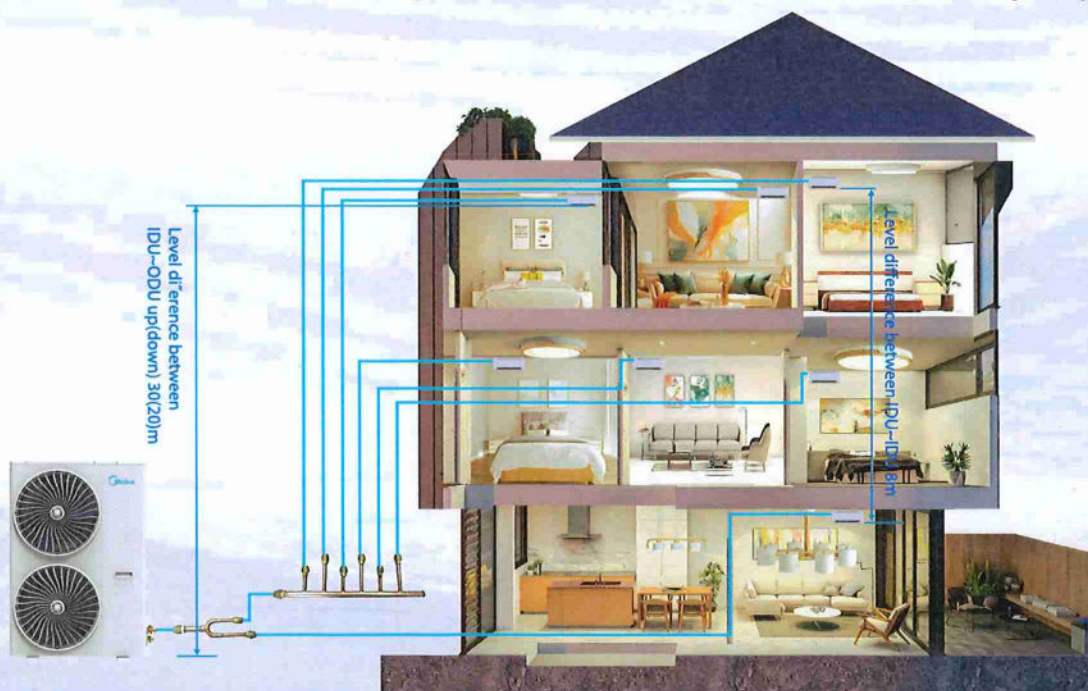


Comparing with multi split, Mini VRF has some distinctive advantages as follows:

- ◆ less pipe space requirement
- ◆ Less pipe consumption
- ◆ No special requirement for pipe holes
- ◆ keep your house neat and tidy.

## Longer Piping Capability

The Mini VRF provides a total piping length possibility of 80m, a maximum height difference between outdoor and indoor units of 30m. These generous allowances facilitate an extensive array of system designs.





## Specifications

### Outdoor unit

|  |                        |       |   |  |
|--|------------------------|-------|---|--|
| Model  |                        |       | MDV-V200WNI(AU)                               |  |
| Power supply                                       |                        |       | 220-240V/50                                   |  |
| Heating <sup>1</sup>                               | Capacity               | kW    | 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> |                        | dB(A) | 59/59   |  |
| Refrigerant  | Type                   |       | R410A   |  |
|  | Charge                 | Kg    | 4.4   |  |
|  | Liquid                 | mm    | 9   |  |
|  | Gas                    | mm    | 19  |  |
| pipe size  | Max. height difference | m     | 30(ODU up)                                    |  |
|  |                        | m     | 20(ODU down)                                  |  |
|  | Max. piping length     | m     | 80  |  |
| Net dimension(W×H×D)                               |                        | mm    | 902×1327×320                                  |  |
| Packing dimension(W×H×D)                           |                        | mm    | 1082×1406×434                                 |  |
| Net/Gross weight                                   |                        | kg    | 103/111                                       |  |

Notes:

1. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
3. 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.
4. 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)     |             | mm | 750/295/265           | 750/295/265 | 750/295/265 | 750/295/265 |
| Packing dimension (W×H×D) |             | mm | 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)     |             | mm | 950x295x265           | 950x295x265  | 1200x295x265 | 1200x295x265 |
| Packing dimension (W×H×D) |             | mm | 1075x385x360          | 1075x385x360 | 1315x385x360 | 1315x385x360 |
| Net/Gross weight          |             | kg | 11.5/14               | 11.5/14      | 15/18        | 15/18        |

Notes:

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