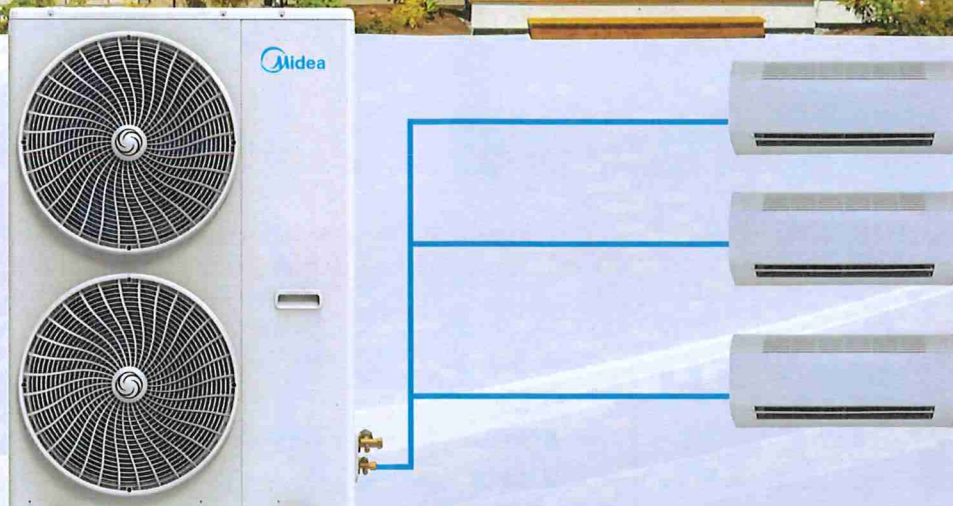


B-V200WN1(AU) 202311



# MDV-V200WN1(AU) R410A Mini VRF

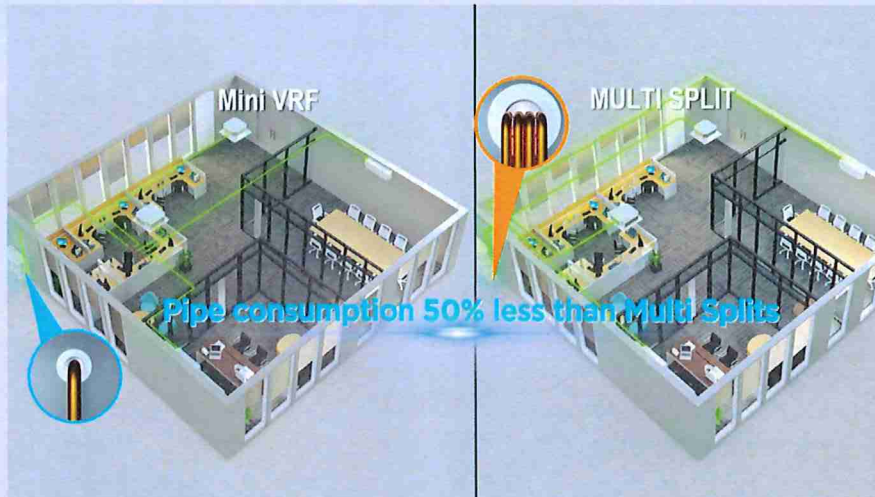


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2024

## 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.

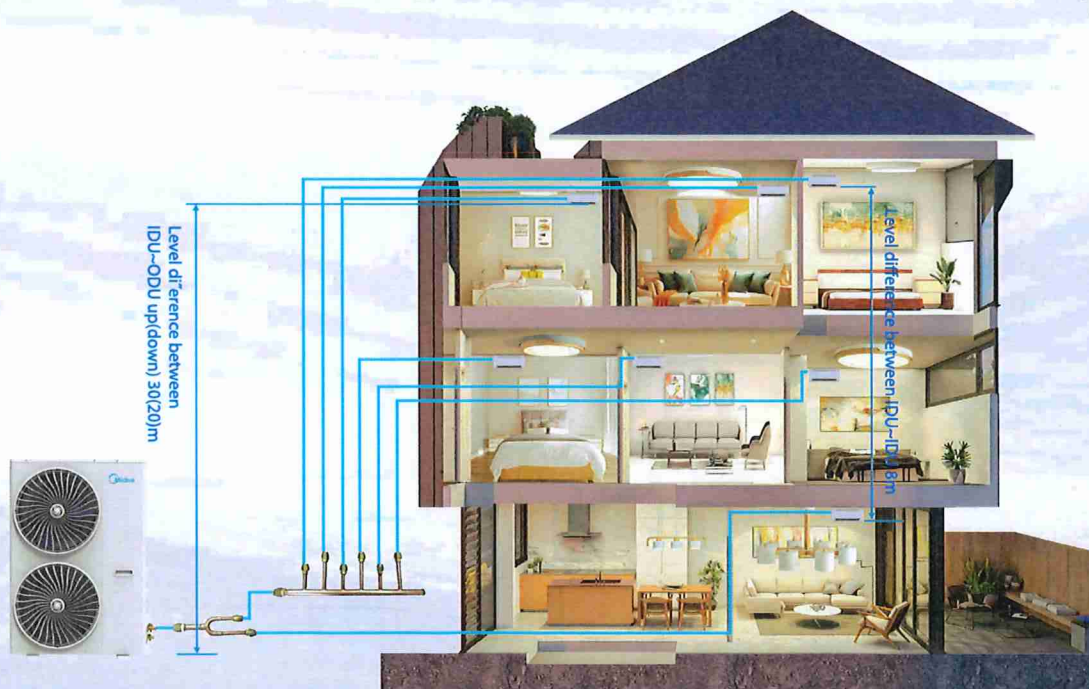


Comparing with multi split, Mini VRF has some distinctive advantages as follows:

- ◆ 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		V/N/Hz	220-240V/1/50
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:**

- 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)		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	950×295×265	950×295×265	1200×295×265	1200×295×265
Packing dimension (W×H×D)		mm	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.