Specifications

Outdoor unit

Model Name			MDV-V250WN1D(AU)-A
Power Supply		V/Ph/Hz	220-240/1/50
Heating[1]	Capacity	kW	25
	Power input	kW	5.79
	ACOP		4.2
Cooling[2]	Capacity	kW	20
	Power input	kW	4.95
	AEER		4.2
Connected indoor unit	Total capacity		50-130% of outdoor unit capacity[4]
	Maximum quantity		6
Ambient temp.	Cooling	°C(DB)	-5~55
Operation range	Heating	°C(WB)	-15~27
Sound pressure level (cooling/heating)[3]		dB(A)	59/59
Refrigerant	Type		R410A
	Factory charge	kg	6.8
	Pre-Charged Length	m	20
Pipe size	Liquid pipe	mm	9.53
	Gas pipe	mm	19.1
	Max. height difference	m	30(ODU up) 20(ODU down)
	Max. piping length	m	60
Net dimensions (WxHxD)		mm	1120×1558×528
Packed dimensions (WxHxD)		mm	1270×1720×565
Net/ Gross weight		kg	129/145

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. 50-130% 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 Name			MIH224T1HN18(S)
Power Supply		V/Ph/Hz	1-phase, 220-240V, 50/60Hz
Cooling[1]	Capacity	kW	22.4
	Power input	kW	0.6
Heating[2]	Capacity	kW	25
	Power input	kW	0.6
Airflow rate[5]		m³/h	4400/4156/3911/3667/3422/3178/2933
External static pressure[4]		Pa	150 (50-280)
Sound pressure level[5]		dB(A)	49/47/45/43/41/39/38
Refrigerant type			R410A
Design pressure (H/L)		MPa	4.4/2.6
Pipe connections	Liquid pipe	mm	Φ9.52
	Gas pipe	mm	Φ19
	Drain pipe	m	OD Φ32
Net dimensions (WxHxD)		mm	1300×477×910
Packed dimensions (WxHxD)		mm	1580×650×1090
Net/Gross weight		kg	82/120

Notes:
1.Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2.Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3.Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
4.Stable operation external static pressure range. (Note: setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)
5.Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.4m below the unit in a semi-anechoic chamber.
6.Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

Victorian Energy Upgrades (VEU) Program

The Victorian Energy Upgrades (VEU) program assists households and businesses to reduce their energy bills and greenhouse gas emissions by providing financial incentives to install energy efficient equipment and appliances.

Midea has a suite of high efficiency products to suit all upgrade categories which attract the highest incentives in each program. We are proudly introducing to our range the Mini VRF series, which thanks to our labs advanced technology, are more energy efficient systems that will be further reducing carbon emissions while increasing financial savings through the incentives to the Victorian community.

For more information on the program please visit following website
VIC https://www.esc.vic.gov.au/victorian-energy-upgrades/about-victorian-energy-upgrades-program

VEU Climatic Region	Heating capacity(kW)	Cooling capacity(kW)	VEECs(res)**	
			2025*	2026*
For upgrades in Metropolitan Victoria-Climatic region mild	25	20	106	106
For upgrades in Metropolitan Victoria-Climatic region cold	25	20	117	117
For upgrades in Regional Victoria-Climatic region mild	25	20	106	106
For upgrades in Regional Victoria-Climatic region cold	25	20	117	117
For upgrades in Regional Victoria-Climatic region hot	25	20	59	59

*All certificates have been calculated for the dates between the 1st February of that year to January 31 of the following year.
*Residential VEECS certificates have been submitted to the VEU and waiting for final approval.
**VEEC data was calculated base on activity scenatio 6 (VII)of activity 6 (23) -space heating and cooling-high efficiency air conditioner

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Quality Assurance ISO 9001 · Environmental Management ISO 14001 · Occupational Health and Safety Management ISO 45001

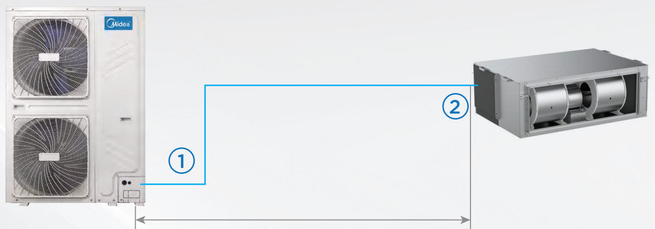
MDV-V250WN1D(AU)
MIDEA R410A VRF

7 YEAR WARRANTY
*T&C Apply

All Flare* Connections, The Easiest VRF to Install

The system uses all flare connection which can greatly simplify installation.

A single outdoor unit supports 1 indoor unit

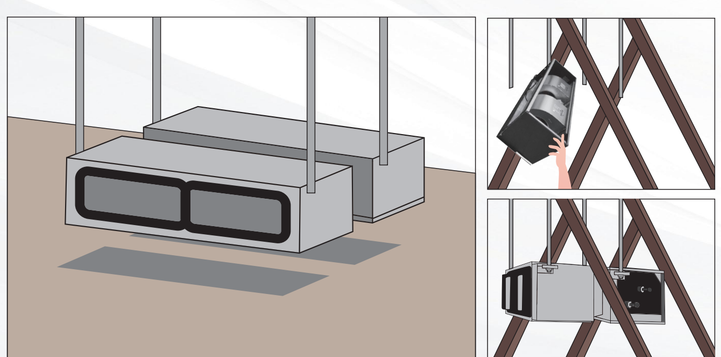


①to② are all flare connections

Note: Only MI2-230T1DHN1(AU) indoor unit can be connected.

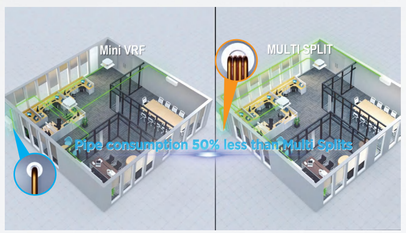
Installation of Duct in Sections

High Static Pressure Duct units support installation in sections, reducing the weight and size of individual units for easy handling and installation.



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.

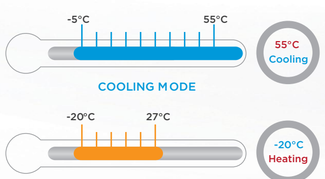


Comparing with multi split, Mini VRF has some distinctive advantages as follows:

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

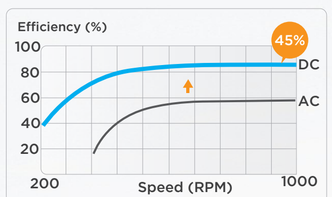
Wide Operation Range

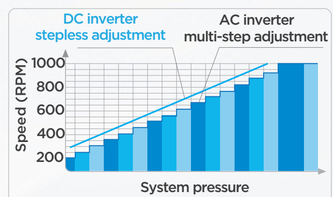
Mini VRF can operate in a wide ambient temperature range. It can operate stably from -5°C up to 55°C in cooling mode and from -20°C to 27°C in heating mode.



Full DC Inverter Technology

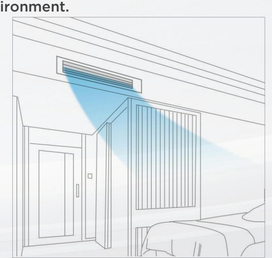
The Mini VRF uses full DC inverter compressor and fan motor to achieve high precision stepless speed adjustment according to system operation, and ensures that the system is always in optimum condition, operating more efficiently, more consistently and with less noise.





Static Pressure 20 Steps Control

Depending on the installation environment, Duct is controlled the static pressure up to 20 steps via wired remote controller, for providing comfortable environment suitable for any environment.



Multiple Fan Speeds

The DC Series comes with 7 indoor fan speed options to meet the needs of different indoor conditions.