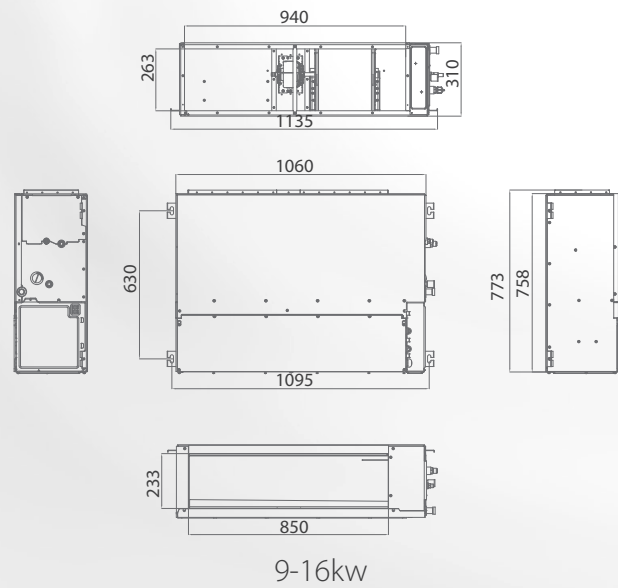


Dimensions (unit:mm)

Small Airflow Rate Fresh Air Processing Unit



Model name			MIH90FASN18	MIH140FASN18	MIH160FASN18
Power supply			1-phase, 220-240V, 50Hz		
Cooling ¹	Capacity	kW	9.0	14.0	16.0
		kBut/h	30.7	47.8	54.6
Heating ²	Input	W	80	165	185
Heating ²	Capacity	kW	8.1	12.5	14.0
		kBut/h	27.6	42.7	47.8
Heating ²	Input	W	80	165	185
Airflow rate ³		m³ /h	690/633/575/ 518/460/ 403/345	1100/1008/917/ 825/733/ 642/550	1230/1128/1025/ 923/820/ 718/615
External static pressure ⁴		Pa	100 (0~300)	150 (0~300)	
Sound pressure level ⁵		dB(A)	39/37.5/36/34/ 32.5/30.5/29	44.5/42.5/40/37/ 35/33/32	44.5/43/41/38/ 36/34/32.5
Unit	Net dimensions ⁶ (W×H×D)	mm	1095×310×773		
	Packed dimensions (W×H×D)	mm	1215×360×885		
	Net/Gross weight	kg	37/41.5	40/43.5	40/43.5
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9		
	Drain pipe	mm	OD Φ25		

- 1. Indoor temperature 33°C DB, 28°C WB; outdoor temperature 33°C DB; equivalent refrigerant piping length 5m with zero level difference.
- 2. Indoor temperature 0°C DB; outdoor temperature 0°C DB, -2.9°C WB; equivalent refrigerant piping length 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 1.5m below the unit in a semi-anechoic chamber.
- 6. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.
- 7. All specifications are measured at standard external static pressure.
- 8. Only Small Airflow Rate Fresh Air Processing Unit can be installed together with standard units, the total capacity of the Small Airflow Rate Fresh Air Processing Unit must not exceed 30% of the total capacity of the outdoor units and the total combination ratio must not exceed 100%.
- 9. When there are only fresh air processing units in the system, the combination ratio is 50-100%.

Note: These products are under development and the specifications are always subject to change

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Midea reserves the right to change the specifications of the product, and to withdraw or replace products without prior notification or public announcement. Midea is constantly developing and improving its products.



B-V8FASEU



VRF Indoor Units
Small Airflow Rate Fresh
Air Processing Unit



DISCOVER
RELIABLE COMFORT



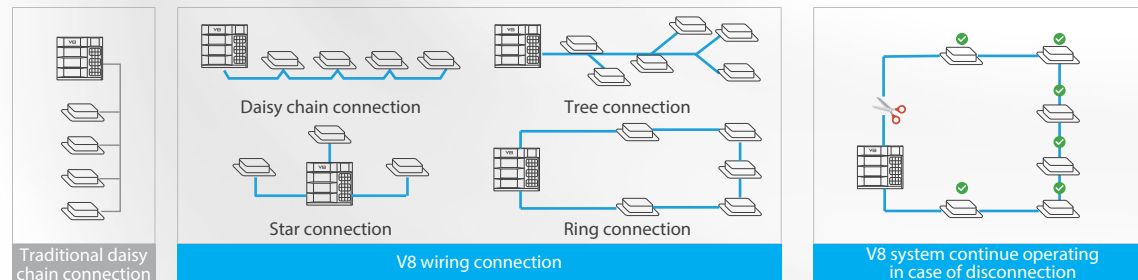
Why Choose V8 Fresh Air Processing Unit



True Feelings 1: During the installation of VRF systems, errors often occur when connecting the communication line, often resulting in project delay

Support any topology communication*

In addition to the traditional daisy chain connection, the communication wire supports tree connection, star connection, ring connection and so on. The wiring is flexible, which greatly reduces the installation cost and has no possibility of wrong connection on site.



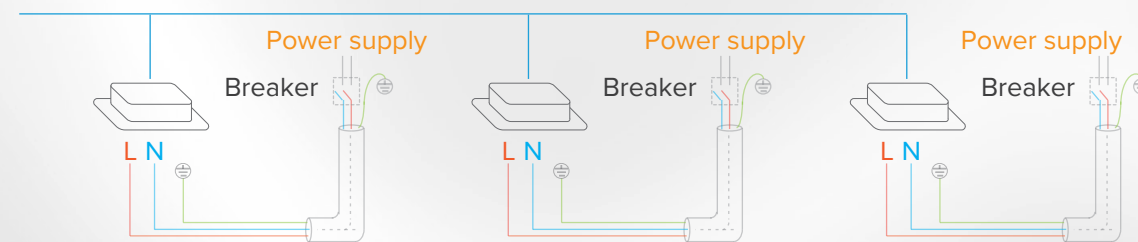
*Only when use HyperLink communication.



True Feelings 2: In the VRF system, all indoor units need to be powered on uniformly. When one indoor unit fails and needs to be powered off for maintenance, the whole system will be powered off, and everyone can only wait for the maintenance to be completed.

Flexible Power Supply for Indoor Units

HyperLink's unique communication method allows the indoor units to be powered not only by a uniform power supply, but also by individual and zone power supplies, making it particularly suitable for each shop in a large complex building, which can independently power on and off its own indoor units.



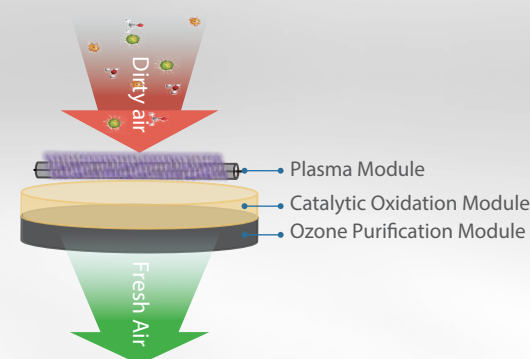
*Only when use HyperLink communication.



True Feelings 3: 70% of the customers' complains about the air conditioner are about bad performance and smelly odor.

Plasma sterilization*

The sterilization module can effectively kill bacteria, viruses and odors of indoor air.



*This function is available as a customization option for V8 Fresh Air Processing Unit.

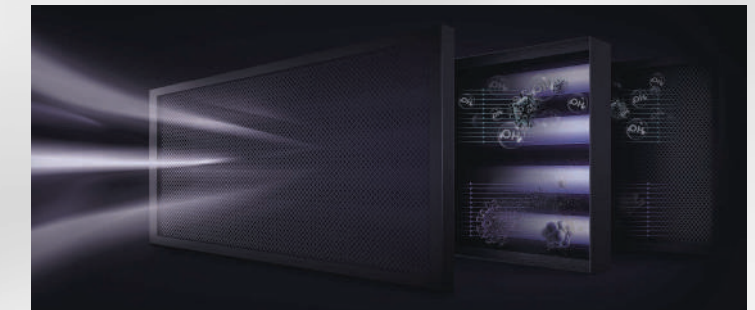
Features

Innovative Puro-air Kit

Protectors of health and safety

OSRAM From Germany -OSRAM quality UV light source

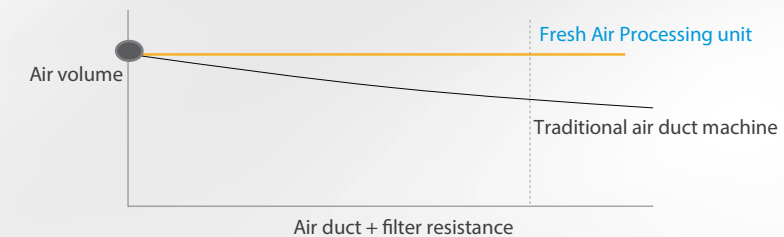
UV leakage-Free



*The indoor unit needs to be customized in order to use the Puro-air Kit.

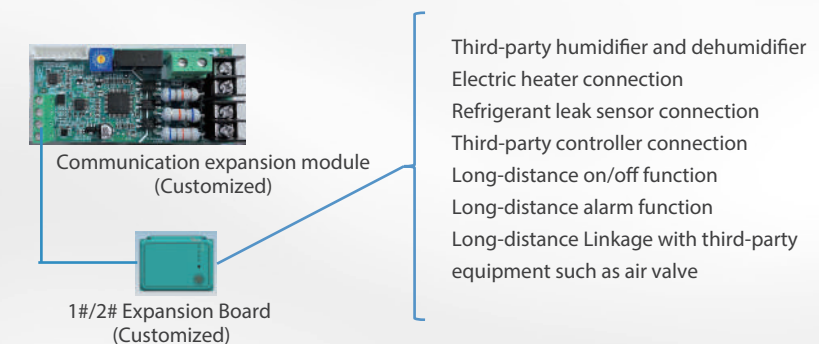
Constant Airflow Technology

Through the independent constant air volume digital fan technology, the air volume is independently detected and adjusted to realize constant air volume and no attenuation in the whole life.



Multi-functional Expansion Board

A wide range of accessories can be connected via Communication expansion module and expansion board for even more functionality.



Ultra-thin fuselage

For small Airflow Rate Fresh Air Processing Unit, the fuselage thickness is only **310mm**, the height required for ceiling installation is greatly reduced which leads to be able to cope with more installation situations.

