HIGH STATIC PRESSURE DUCT

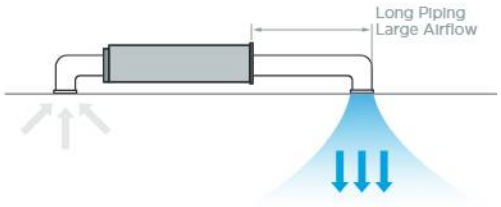


Features.

- High static pressure for powerful airflow.
- Smart temperature control for comfort.
- Wide temperature range.
- Indoor unit designed to split for easy installation.
- High efficiency DC inverter technology.

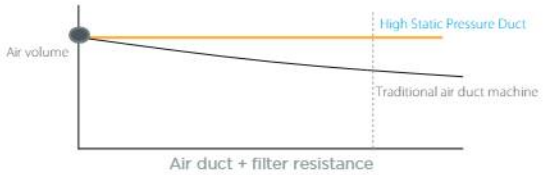
High static pressure flow

The high-efficiency DC fan motor creates high static pressure which allows strong airflow in longer ductwork.



Constant airflow technology

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



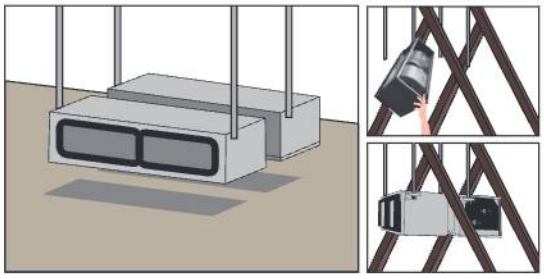
High energy-efficient DC inverter technology

The fan motor and water pump are DC power supply, which is more energy-saving and silent than AC power supply, creating a quiet and comfortable environment.



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.



Specification

Model name			MIH180 T1N18(S)	MIH200 T1N18(S)	MIH224 T1N18(S)	MIH252 T1N18(S)	MIH280 T1N18(S)
Power supply			1-phase, 220-240V, 50Hz				
Cooling[1]	Capacity	kW	18	20	22.4	25.2	28
Heating[2]	Capacity	kW	20	23.5	25	26	31.5
Airflow rate[3]		m^3/h	4100/3872/3644/3416/3189/2961/2733	4250/4014/3778/3542/3306/3070/2833	4400/4156/3911/3667/3422/3178/2933	4800/4533/4267/4000/3733/3467/3200	5200/4911/4622/4333/4044/3756/3467
External static pressure[4]		Pa	150(50-280)				
Sound pressure level[5]		dB(A)	47	47.5	49	50	51
Unit	Net dimensions[6] (W×H×D)	mm	1300×477×915				
	Packed dimensions (W×H×D)	mm	1500×640×1070				
	Net/Gross weight	kg	79.5/109	79.5/109	82/111.5	82/111.5	82/111.5
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ19	Φ9.52/Φ19	Φ9.52/Φ19	Φ12.7/Φ22	Φ12.7/Φ22
	Drain pipe	mm	OD Φ32				

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.

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