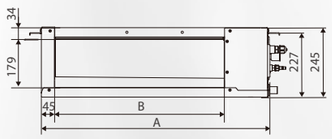
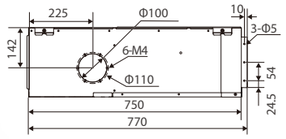
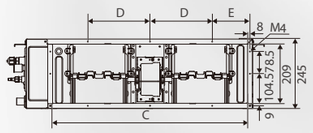
Dimensions

External dimension, air outlet size, and size of fresh air outlet:

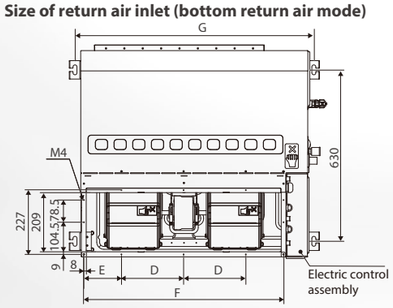




Size of return air inlet (rear return air mode):



Size of return air inlet (bottom return air mode)



Capacity (kW)	A	B	C	D	E	F	G
kW≤4.5	600	400	490	87.5	165	506	645
4.5<kW≤5.6	800	600	690	220	134	706	845
5.6<kW≤7.1	800	600	690	220	134	706	845
7.1<kW<11.2	1050	850	940	220	146	956	1095
11.2≤kW≤16.0	1400	1200	1290	220	213	1306	1445

Specification

Model name(HyperLink)			MIH15T2HN18	MIH22T2HN18	MIH28T2HN18	MIH36T2HN18	MIH45T2HN18	MIH56T2HN18
Power supply			1-phase, 220-240V, 50/60Hz					
Cooling[1]	Capacity	kW	1.5	2.2	2.8	3.6	4.5	5.6
		kBtu/h	5.1	7.5	9.6	12.3	15.4	19.1
	Input	W	33	36	40	50	70	70
Heating[2]	Capacity	kW	1.8	2.5	3.2	4	5	6.3
		kBtu/h	6.1	8.5	10.9	13.7	17.1	21.5
	Input	W	33	36	40	50	70	70
Airflow rate[3]		m³/h	470/438/407/375/ 343/312/280	500/467/433/400/ 367/333/300	540/503/467/430/ 393/357/320	575/535/495/455 /415/375/335	665/623/580/538/ 495/453/410	970/904/838/773/ 707/641/575
External static pressure[4]		Pa	30 (10-160)					
Sound pressure level[5]		dB(A)	26.5/26/25/24/ 23/22.5/22	26.5/26/25/24/ 23/22.5/22	26.5/26/25/24/ 23/22.5/22	29/28/27/26/ 25/23/22	33/32/29.5/28/ 26.5/25/24	33/32/31/30/ 27.5/26/25
Unit	Net dimensions[6] (W×H×D)	mm	600×245×750					800×245×750
	Packed dimensions (W×H×D)	mm	765×305×890					965×305×890
	Net/Gross weight	kg	18.5/21	18.5/21	18.5/21	18.5/21	19.5/22	24/27.5
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7					
	Drain pipe	mm	OD Φ25					

Model name(HyperLink)			MIH71T2HN18	MIH80T2HN18	MIH90T2HN18	MIH112T2HN18	MIH140T2HN18	MIH160T2HN18
Power supply			1-phase, 220-240V, 50/60Hz					
Cooling[1]	Capacity	kW	7.1	8	9	11.2	14	16
		kBtu/h	24.2	27.3	30.7	38.2	47.8	54.6
	Input	W	96	102	110	138	172	210
Heating[2]	Capacity	kW	8	9	10	12.5	16	18
		kBtu/h	27.3	30.7	34.1	42.7	54.6	61.4
	Input	W	96	102	110	138	172	210
Airflow rate[3]		m³/h	1150/1068/986/904/ 822/740/660	1355/1263/1172/1080/ 988/897/805	1420/1323/1225/1128/ 1030/933/835	1950/1817/1683/1550/ 1417/1283/1150	2105/1971/1837/1703/ 1568/1434/1300	2350/2160/2015/1871/ 1776/1533/1400
External static pressure[4]		Pa	30 (10-160)	40 (10-160)	40(10-160)	40 (10-160)	50 (10-160)	
Sound pressure level[5]		dB(A)	35/33.5/32/30.5/ 29/27.5/26	37/35.5/34/32.5/ 31/29.5/28	37/35.5/34/32.5/ 31/29.5/28	39/37/35/33/ 31/29/28	40/38/36/34/ 32/30/29	42/40/38/36/ 34/33/31
Unit	Net dimensions[6] (W×H×D)	mm	800×245×750	1050×245×750		1400×245×750		
	Packed dimensions (W×H×D)	mm	965×305×890	1215×305×890		1565×305×890		
	Net/Gross weight	kg	25/28.5	30/33.5	31/34.5	37/41.5	39/43.5	
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9					
	Drain pipe	mm	ODΦ25					

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 1.5m below the unit in an anechoic chamber.
6. The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.
7. All specifications are measured at standard external static pressure.



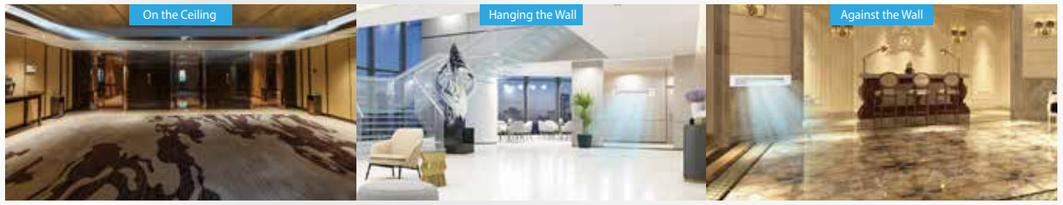
Why Choose V8 Medium Static Pressure Duct Indoor Units



True Feelings 1: **Because of the beautiful design requirements, it is impossible to install on the ceiling in many cases. We can only choose many types of air conditioning equipment, which increases the difficulty of the project and prolongs the project time.**

3 Way flexible installation*

It is possible to install and connect the outdoor unit in 3 different ways for Duct, providing flexibility to accommodate a wide range of room designs.



*Hanging the Wall and Against the Wall are available as customization options for V8 Medium Static Pressure Duct.



True Feelings 2: **I spent 200 days a year in other hotels because of business trips. The most troublesome thing was that I could not sleep because the air conditioner has always been on and off during the night.**

Quiet Operation

By optimizing the design of fan motor, air duct and heat exchanger, the new duct operates with noise as low as 22dB(A), creating a quieter and more comfortable environment





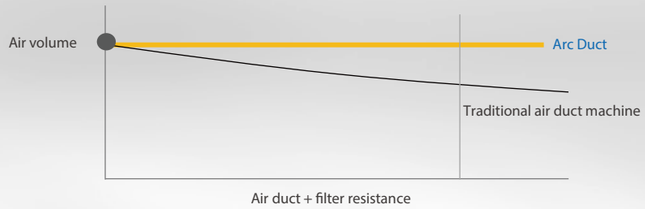




True Feelings 3: **After using the air duct machine for a period of time, I often encounter issues with reduced air flow and decreased cooling/heating performance.**

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.



Features

160Pa ultra-high static pressure

The whole series achieves the industry-leading static pressure of 160Pa, so the air supply distance is longer. Especially in long and narrow spaces such as corridors, it can reduce the number of units used and save investment costs.



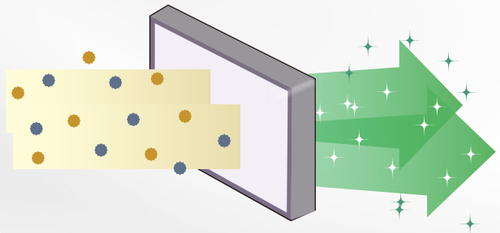
High-lift drain pump

A drain pump with a 1200mm raise height is fitted as standard, simplifying installation of the drain piping.



Optional H12-class Air Filter

F7-calss filter and H12-class filter is optional for Medium Static Pressure Duct. Equipped with H12 HEPA high-efficiency filter screen, it can filter 0.5 micron extremely fine particles, and the primary filtration efficiency is more than 99.5%， creating a cleaner living environment.



Constant Airflow Technology

ESP adapts to duct resistance to ensure constant airflow.



Indoor units installation

The indoor unit can be installed in the most suitable position according to the airflow design, and selects different filters according to the different application.



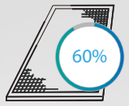
Adaptive air duct length

There is no need to adjust the static pressure setting of the indoor unit during commissioning, and the indoor unit will automatically adjust to the rated air volume.



Adaptive filter resistance

The indoor unit will automatically adjust the motor operating parameters according to the increase in resistance to ensure a constant air volume.



Visualization of dirty blockage rate

10 levels blockage rates can be accurately identified and displayed on the controller, reminding the user to clean the filter in time.