

H1 TYPE High-Fresh Air Ducted

Concealed duct

Optional accessory



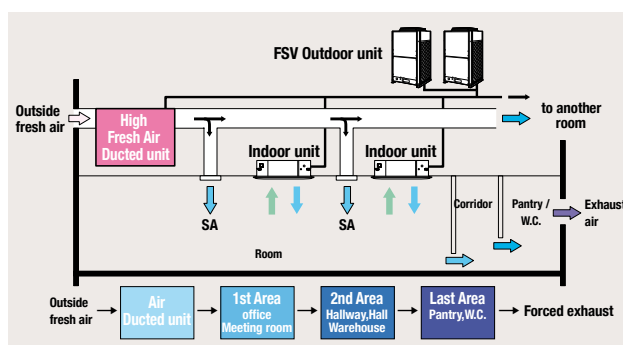
Technical focus

- 100% fresh Air intake for ventilation purpose
- Design flexibility thanks to high static pressure and large air volume
- Discharge air temperature control to reduce cold drafts during heating operation
- Configurable air temperature control

High fresh system

High Fresh system enables delivery of fresh outside air at almost the same temperature and humidity as indoor air without putting a burden on air conditioning.

* Capable of treating outdoor air only. Indoor air conditioner units are required to adjust indoor air temperature.



Mix operation unit with standard indoor units

Possible to combine High Fresh Air ducted indoor unit and standard air ducted indoor units.

When other indoor units are connected in same circuit, keep following capacity ratio.

H1 type/Outdoor unit < 30%, and Total of indoors(incl. H1)/outdoor < 100%

Model Name		S-140MH1H5	S-224MH1H5	S-280MH1H5	
Power source		220/230/240 V, 1 phase - 50Hz			
Cooling capacity	kW	14.0	22.4	28.0	
	BTU/h	47,800	76,400	95,500	
Heating capacity	kW	13.2	21.2	26.5	
	BTU/h	45,000	72,300	90,400	
Power input	Cooling kW	0.430/0.430/0.430	0.670/0.670/0.670	0.730/0.730/0.730	
	Heating kW	0.430/0.430/0.430	0.670/0.670/0.670	0.730/0.730/0.730	
Running current	Cooling A	2.0/1.9/1.9	3.2/3.1/3.0	3.6/3.4/3.3	
	Heating A	2.0/1.9/1.9	3.2/3.1/3.0	3.6/3.4/3.3	
Fan	Type	Sirocco fan			
	Air flow rate	m ³ /h	1,560	1,800	2,100
		L/s	433	500	583
	Motor output	kW	0.3	0.38	0.38
Sound power level (H/M/L)		75/76/76	78/79/79	79/80/80	
Sound pressure level (H/M/L)		43/44/44	46/47/47	47/48/48	
Dimensions	H x W x D	420 x 1,065 x 620	479 x 1,428 x 1,230	479 x 1,428 x 1,230	
	Liquid	mm (inches)	Ø9.52 (Ø3/8)	Ø12.7 (Ø1/2)	Ø12.7 (Ø1/2)
	Gas	mm (inches)	Ø15.88 (Ø5/8)	Ø25.4 (Ø1)	Ø25.4 (Ø1)
Pipe connections	Drain piping	VP-25			
Net weight		kg	50	110	110

Global remarks	Rated conditions:		Cooling	Heating
		Outdoor air temperature	33°C DB / 28°C WB	0°C DB / -2.9°C WB

Specifications are subject to change without notice.