

Fresh Air Processor



Features

Accessories

Plenum box	Air filter	EXV	Drain pump	AC Motor	DC Motor
Standard	Optional	Standard(built-in)	Optional	Standard	/

Healthy and comfortable

Fresh air is imported, provides a healthy and comfortable living environment.

100% Fresh air processing unit

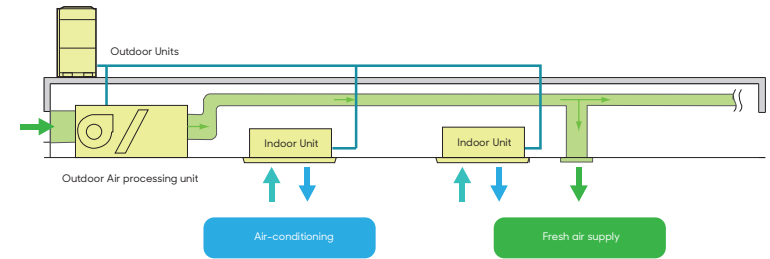
Both fresh air filtration and heating/cooling can be achieved in a single system. Indoor units and fresh air processing unit can be connected to the same refrigerant system, increase design flexibility and greatly reduce total system costs.

High external static pressure

External static pressure can be up to 300Pa for more flexible duct applications. The maximum distance of air supply is about 20m and the maximum height of air supply is about 6.5m.

Innovative air supply technology for excellent room temperature control

Fresh air unit can be connected with other type indoor units(only for 14/22.4/28kw fresh air unit).
Layout Example:



Notes: 1. When VRF system connect fresh air indoor unit and other type indoor units together, the capacity combination ratio between indoor unit and outdoor unit should within 100%
2. Fresh air unit capacity can't bigger than 30% of total indoor units capacity.

Specification

Model name	Power Type	Capacity				Motor Input KW	Air flow		Sound Level DB(A)	ESP Pa	Dimension(WxHxD)			Body Weight		Connecting pipe			Standard controller
		Cooling KW	Heating KW	Net	Gross		Gas	Liquid			Drain								
CMV-V140TF/HR1-B	50Hz	14.0	47.7	9.0	30.7	0.45	1400	820	42*48	220	1245 x 445 x 655	1190 x 370 x 620	47	51	Φ15.9	Φ9.53			
CMV-V140TF/HNR1-B	60Hz																		
CMV-V224TF/HR1-B	50Hz	22.4	76.4	16.0	54.5	1.2	2000	1170	45*52	220	1510 x 580 x 870	1465 x 448 x 811	100	111			ODΦ25		
CMV-V224TF/HNR1-B	60Hz																		
CMV-V280TF/HR1-B	50Hz	28.0	95.5	20.0	68.2	1.2	2800	1640	45*52	220	1510 x 580 x 870	1465 x 448 x 811	100	111	Φ22.2	Φ12.7		Wired controller	
CMV-V280TF/HNR1-B	60Hz																		
CMV-V450TF/HZR1-B	50Hz	45.0	153.5	31.4	107.1	1.6	4000	3520	58	300	2267 x 840 x 1050	2165 x 676 x 916	222	260					
CMV-V450TF/HXR1-B	60Hz																		
CMV-V560TF/HZR1-B	50Hz	56.0	191.0	39.0	133.0	2.5	6000	4700	62	300	2267 x 840 x 1050	2165 x 676 x 916	222	260	Φ28.6	Φ15.9	ODΦ32		
CMV-V560TF/HXR1-B	60Hz																		

Notes: 1. 45kW & 56kW units' power supply are 380V/415V/3N for 50Hz and 208V/230V/3N for 60Hz, the others' power supply is 220V/240V/1N for 50Hz and 208V/230V/1N for 60Hz
2. Cooling test condition: indoor and outdoor side 33°C DB, 28°C WB; Heating test condition: indoor and outdoor side 0°C DB, -2°C WB
3. Sound level: measured at a point 1m in front of the unit at a height of 1.5m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. The above data may be changed without notice for future improvement on quality and performance.