

Fresh Air Processor



Features

Accessories

Plenum box	Air filter	EXV	Drain pump	AC motor	DC motor
Standard	Optional	Standard	Optional	Standard	/



Healthy and comfortable environment

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



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.



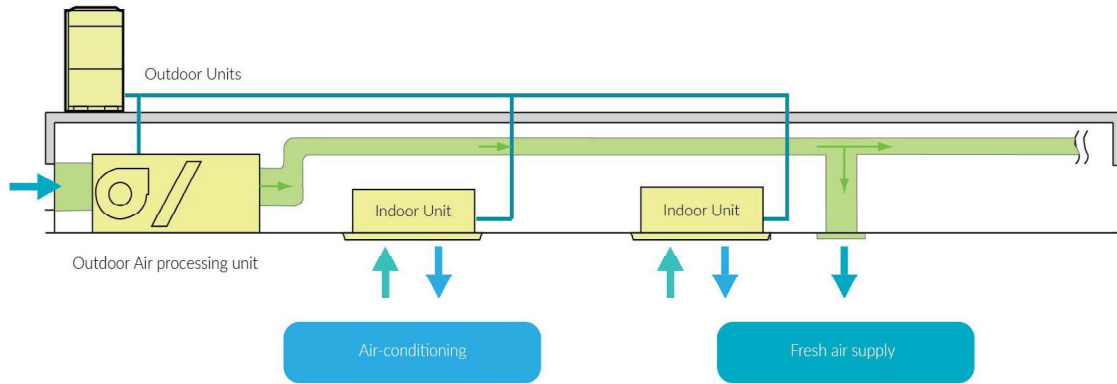
High external static pressure

External static pressure can be up to 300Pa for more flexible duct applications.



Innovative air supply technology for excellent room temperature control

Fresh air unit can be connected with other type indoor units.
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				Power input	Air flow		Sound Level	ESP	Dimension(WxHxD)				Body Weight		Connecting pipe			Standard controller	
		Cooling	Heating	Cooling	Heating		M ³ /h	CFM			Packing	Body	Panel packing	Panel	Net	Gross	Gas	Liquid	Drain		
		kW	kBtu/h	kW	kBtu/h	kW	M ³ /h	CFM	DB(A)	Pa	mm	mm	mm	mm	mm	mm	mm	mm	mm		
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	Φ15.88	Φ9.52	ODΦ25	Wired controller	
CMV-V140TF/HNR1-B	60Hz																				
CMV-V224TF/HR1-B	50Hz	22.4	76.4	16.0	54.5	1.20	2000	1170	45-52	220	1510 x 490 x 870	1465 x 448 x 811			102	106					
CMV-V224TF/HNR1-B	60Hz																				
CMV-V280TF/HR1-B	50Hz	28.0	95.5	20.0	68.2	1.20	2800	1640	45-52	220	1510 x 490 x 870	1465 x 448 x 811	/	/	102	106	Φ22.2	Φ12.7	ODΦ30		
CMV V280TF/HNR1 B	60Hz																				
CMV-V450TF/HZR1	50Hz	45.0	153.5	31.4	107.1	1.60	4000	3520	58	300	2200 x 710 x 1018	2165 x 676 x 916			222	260					
CMV-V450TF/HXR1	60Hz																				
CMV-V560TF/HZR1	50Hz	56.0	191.0	39.0	133.0	2.50	6000	4700	67	300	2200 x 710 x 1018	2165 x 676 x 916			222	260	Φ28.6	Φ15.88	ODΦ32		
CMV V560TF/HXR1	60Hz																				

Notes: 1. 45kW & 56kW units' power supply are 380-415V/3N for 50Hz and 208-230V/3N for 60Hz, the others' power supply is 220-240V/1N for 50Hz and 208-230V/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, -2.9°C WB.
3. Sound level, measured at a point 1 m below the unit. 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.