

# Short Ceiling Concealed Ducted Unit



## Features

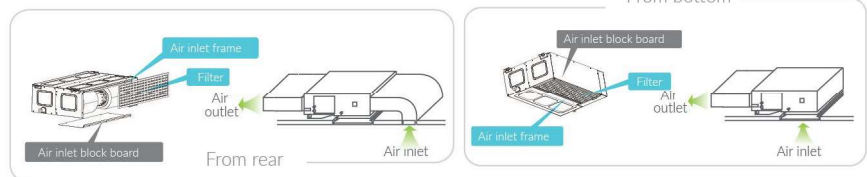
### Accessories

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



### Flexible installation

Air return method is optional by actual installation, from rear or from bottom.

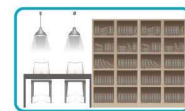


### Big air flow low noise centrifugal fan wheel

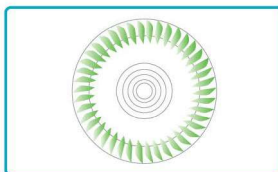
Big air flow low noise centrifugal fan blade with special air tunnel system, and the unique shock absorption measures, making this series ducted units' running noise is as low as 24 dB(A), let users to enjoy the comfort, sleep without any disturbance.



Rustled leaves



Reading room



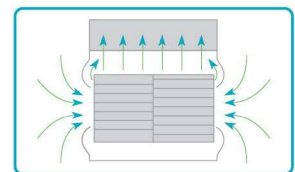
Special resin material fan wheel.



All vanes are dislocation distribution to offset sound wave, so that the noise can be reduced.



High efficiency low noise motor, motor and support frame with rubber ring isolation, can absorb vibration and reduce noise.

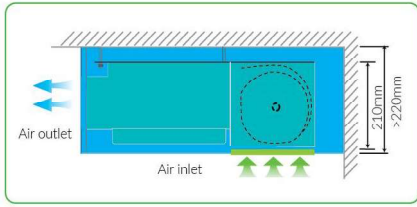


Air inlet of fan wheel casing is arch curved design; it can reduce air flow's disturbance, make if flow smoother to reduce noise.



### Slim body, easy to install

Has slim body with 210mm height, it is specially suitable for low suspended ceiling rooms.



### DC fan motor is optional



### Integrated design of motor and motor bracket, lower noise



### Drain pump is optional

Pumping head is 700mm.



## Specification

Model name	Power type	Capacity				Rated input	Air flow		Sound Level	ESP	Dimension(WxLxD)				Body Weight		Connecting pipe			Standard controller	
		Cooling		Heating			M <sup>3</sup> /h	CFM			Packing	Body	Panel packing	Panel	Net	Gross	Gas	Liquid	Drain		
		kW	kBtu/h	kW	kBtu/h																mm
CMV-V22TA/HR1-C	50Hz	2.2	7.5	2.5	8.5	0.08	450	260	24~29	30	910 x 240 x 510	814 x 210 x 467	/	/	16.0	18.5	Φ9.52	/	/	/	
CMV-V22TA/HNR1-C	60Hz																				
CMV-V28TA/IR1-C	50Hz	2.8	9.5	3.2	10.9	0.11	550	324	25~32												
CMV-V28TA/HNR1-C	60Hz																				
CMV-V36TA/HR1-C	50Hz	3.6	12.2	4.0	13.6	0.16	620	360	32~37												
CMV-V36TA/HNR1-C	60Hz																				
CMV-V45TA/HR1-C	50Hz	4.5	15.3	5.0	17	0.16	800	520	28~38												
CMV-V45TA/HNR1-C	60Hz																				
CMV-V56TA/HR1-C	50Hz	5.6	19.1	6.3	21.4	0.18	1000	640	30~39												
CMV-V56A/HNR1-C	60Hz																				
CMV-V71TA/HR1-C	50Hz	7.1	24.2	8.0	27.2	0.18	1000	640	30~39												
CMV-V71TA/HNR1-C	60Hz																				

Notes.

- Power supply: 220~240V/1N for 50Hz; 208~230V/1N for 60Hz, the above data is for AC motor model.
- Cooling test condition: indoor side 27°C DB, 19°C WB outdoor side 35°C DB, Heating test condition: indoor side 20°C DB, 15°C WB outdoor side 7°C DB.
- Sound level: measured at a point 1 m in front of the unit outlet and 1 m below the unit outlet center. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- The above data may be changed without notice for future improvement on quality and performance.