

Fan Filter Unit

Besides the standard model, we can also provide customized models, such as DC power saving type, big air volume type, and thin type. We can also install the cross-communication system.



T15

FEATURES

1. With low total height, it saves more space during installation. Thus, it can be installed even in the constrained height.
2. The strong configuration can withstand the weight of a person during installation or maintenance.
3. The special air inlet design can help lower the pressure drop and noise.
4. The single phase motor is with 3 speed adjustments. The air velocity and air volume can be adjusted based on site requirements.
5. The high quality blower and high efficiency motor helps lower the power consumption.
6. It is capable of supporting any clean room dimensions.
7. The size can be customized.

Specification

Model No.	T-15 (2' x 4')			
Structure	Cold-rolled steel / Stainless steel SUS 430 / Aluminum alloy / Al-Zn alloy coated steel			
Dimensions (mm)	575(W)x1175(L)			
Power	110 / 220V 1Φ 60Hz			220 / 380V 3Φ 60Hz
Speed levels	High	Midde	Low	Single speed
Electric current (A)	1.3/0.65	1.05/0.55	0.96/0.5	0.48/0.28
Power consumption (VA)	165	135	122	210
Total pressure (mmAq)	28	26	24	26
Air velocity (M/S)	0.46	0.38	0.31	0.4
Air volume (CMM)	17	14	11.5	15
Noise (dB(A))	52	49	46	50
Output power (W)	85			70
Rotation speed (RPM)	1100	1000	900	1050
Motor efficiency (%)	60	57	46.5	57.5
Weight(Kg)	About 32kg (Case:27+Filter:5)			



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Specification

Model No.	MT-9 (2' x 4')		
Structure	Cold-rolled steel / Stainless steel SUS 430 / Aluminum alloy / Al-Zn alloy coated steel		
Dimensions (mm)	570(W)x1,170(L)x120(H) Not including filter		
Power	220V 1Φ 50/60Hz		
Speed levels	High	Midde	Low
Electric consumption (VA)	170	135	115
Air velocity (M/S)	0.32	0.26	0.22
Air volume (CMM)	12	9.5	8
Main Filter	HEPA/ULPA		



MT-22E

FEATURES

1. The dual blower system enables big air volume (max. can be 3~4 blowers).
2. The strong configuration can withstand the weight of a person during installation or maintenance.
3. The special air inlet design can help lower the pressure drop and noise.
4. The single phase motor is with 3 speed adjustments. The air velocity and air volume can be adjusted based on site requirements.
5. The high quality blower and high efficiency motor helps lower the power consumption.

Specification

Model No.	MT-22E		
Mode	Hi Speed	Me Speed	Lo Speed
Main Filter	HEPA/ULPA		
Face Velocity(M/S)	0.47	0.4	0.33
Air Volume(CMM)	26.4	22.5	18.5
Construction(Optional)	Coldrolled Steel W/Bake Painting(Ivory) Stainless Steel SUS430		
Electricity	AC 220V 1Φ 60Hz		
Electricity Consumption(VA)	About 350	About 270	About 220

Model Name Description

Basic Structure		Air Volume		Controller Mode	
Code	Description	Code	Description	Code	Wiring only or terminal
T	Standard type AC motor	06	6 CMM	M	Magnetic switch
TD	Standard type DC motor	15	15 CMM	P	PCB
MT	Thin type AC motor	20	20 CMM	E	Single chip
MD	Thin type DC motor			X	Others

Example: FFU-MT15E = Slim type AC motor, 15 CMM air volume, single chip (with communications and monitoring functions)