

FFU Standard type

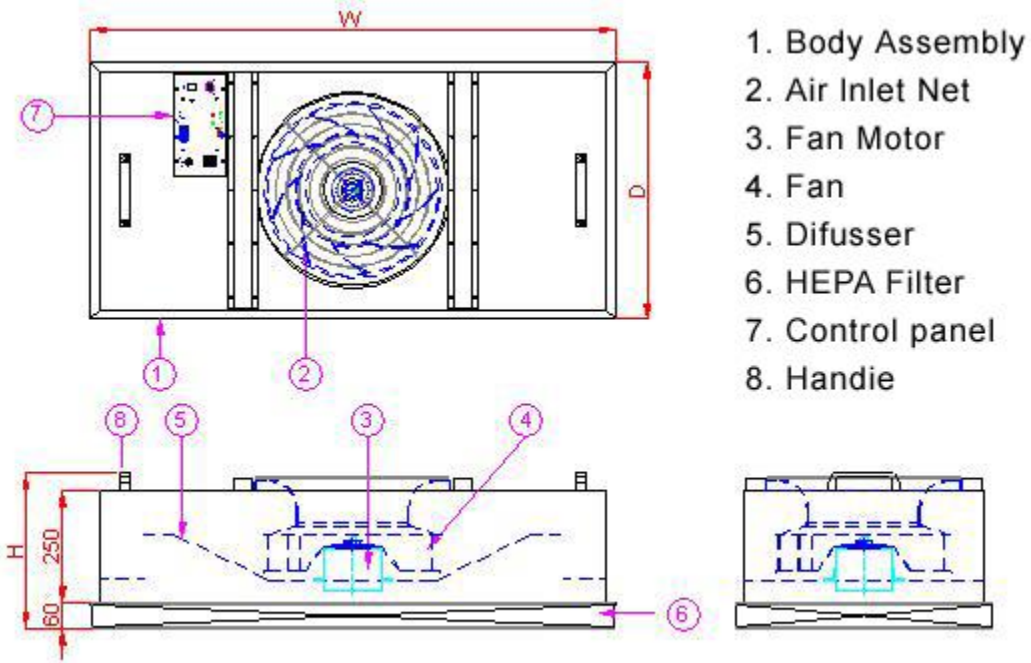
- The degree of cleanliness from class 1 up to 100,000 can be set and it can be set at individual area.
- Because the back in the ceiling is a low-pressure area, the potential of the leakage is extremely low.
- Bay method or through the wall method is possible by the arrangement of layout of FFU.
- The volume of the air flow can be set at each area.
- Flexible increase or change of the clean room is possible by the arrangement of Fan Filter Unit.

Features :

- A 3 - section or variable speed airfoil turbo fan made by aluminum alloy, which pursued the most suitable designed by computer analysis, provides high efficiency and low-noise characteristics.
- A carrying handle makes transportation and installation easier.
- A safety socket block for connecting electric power is most suitable for a small clean room system.
- An optional ULPA filter, which is 99.9999% efficiency at 0.12 microns, is available to meet the extremely critical clean area needs.

Specification :

FFU Standard type



FFU - S(AC type)

- 3 speed sections selection or variable speed turbo fan, low noise level, completely closed type, no dust being generated, special design of the air diversion & air duct to try to decrease the pressure drop & noise level and improve fan static pressure as well. Easy maintenance & repair, the control panel is with ON/OFF switch, indicator lamp, running indicator amp, failure abnormal indicator lamp, and failure output of a & b dry contact.
- With backward inclined fan impeller, dynamic vibration balance: G2.5

Item		AC Type											
		FFU-S420S			FFU-S430S			FFU-S525			FFU-S440S		
Outside Dimension	W	1200			1200			1500			1200		
	D	600			900			900			1200		
	H	360			360			360			360		
Body Construction		SUS430 & AL-Zn											
HEPA ULPA	Features	Alumium, Filtration Efficiency 99.99%, 0.3um / 99.999%, 0.1~0.12um											
	Dimension	1170x570x50			1170x870x50			1470x720x50			1170x1170x50		
Air speede		Lo	Mi	Hi	Lo	Mi	Hi	Lo	Mi	Hi	Lo	Mi	Hi
External Static Pressure (Pa)		160	160	160	160	160	160	160	160	160	160	160	160
Air Velocity (m/s)		0.36	0.45	0.5	0.4	0.45	0.5	0.4	0.45	0.5	0.4	0.45	0.5
Air volume (CMM)		15	18	20	24	28	30	24	28	30	30	35	40
Noise (db)		53	56	59	50	55	58	50	55	58	55	58	60
Power consumption (W)		110	130	149	198	211	225	198	211	225	210	230	250
Total Weight (Kg)		38			43			46			57		
Power Supply		AC 1Ø220V 60Hz											

FFU - SD(DC type)

- FFU motor is with DC brushless frequency converter motor. So that, it is with superior features of energy save and low noise level as well.
- Power supply: AC200V, single phase, 50/60HZ.

DC Type													
Item		FFU-SD420S			FFU-SD430S			FFU-SD525			FFU-SD440S		
Outside Dimension	W	1175			1175			1475			1175		
	D	575			875			725			1175		
	H	360			360			360			360		
Body Construction		SUS430 & AL-Zn											
HEPA ULPA	Features	Aluminum Frame, Filtration Efficiency 99.99%, 0.3um / 99.999%, 0.1~0.12um											
	Dimension	1170x570x50			1170x870x50			1470x720x50			1170x1170x50		
Air Speed		Lo	Mi	Hi	Lo	Mi	Hi	Lo	Mi	Hi	Lo	Mi	Hi
External Static Pressure(Pa)		160	160	160	160	160	160	160	160	160	160	160	160
Air Velocity (m/s)		0.36	0.45	0.5	0.4	0.45	0.5	0.4	0.45	0.5	0.4	0.45	0.5
Air Volume (CMM)		15	18	20	24	28	30	24	28	30	30	35	40
Noise (db)		52	57	59	50	55	58	50	55	58	55	58	60
Power consumption (W)		62	80	95	100	102	123	100	102	123	150	158	200
Total Weight (Kg)		38			43			46			57		
Power Supply		AC 1Ø 220V 60Hz											