

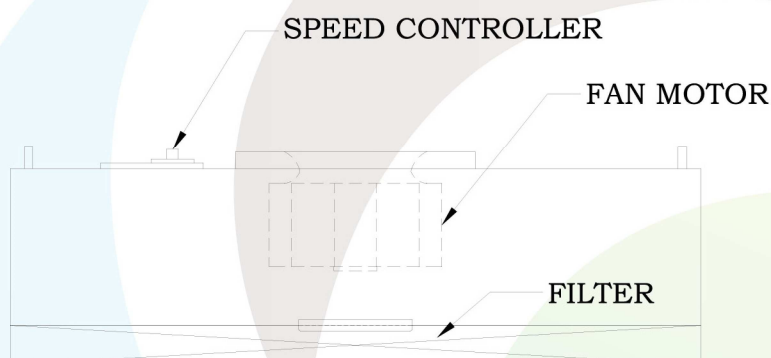
DESCRIPTION

FFU is a motorized air filtering equipment that engineered for laminar air flow (unidirectional flow) as required in critical environment. It is also used to supply purified air to cleanrooms, laboratories, medical facilities or microenvironments by removing harmful airborne particles from recirculating air. It is designed to suit all ceiling grid systems. In accordance with different needs and requirements, it can be easily raised and integrated into any structure and ceiling grid system to upgrade and achieve different cleanroom classifications.

Fan Filter Unit (FFU)



FFU SCHEMATIC DIAGRAM



FFU SPECIFICATIONS

Product	2x2	2x4	4x4
Dimensions (L x W)mm	600 x 600	600 x 1200	1200 x 1200
Height (mm)	275+25 (Top Cover)	295+30 (Top Cover)	315+35 (Top Cover)
Total Pressure (Pa) @0.45m/s	220	280	230
Energy Consumption (W)	70 - 90	130 - 150	228 - 255
Current (A)	0.32 - 0.41	0.59 - 0.68	1.06 - 1.20
Material	Stainless Steel / Aluminium / Galvalume		
Power Supply	240VAC / 1PH / 50 or 60Hz		
Optimal Temperature °C	-25 - 40		
Face Velocity (m/s)	0.3 - 0.5		
Filter/Thickness	Fibreglass / 69mm		
Efficiency	H13 - U16		
External Static Pressure (Pa)	90		
Noise Level (dBA)	49 - 54		52 - 56
Weight (KG) (for Galvalume)	15 - 18	23 - 27	38 - 41
Speed Control	5-Step / Variable		
Optional Features	On/Off Indicating Light / DOP Injection Port / DOP Sampling Port/ Pressure Test Port / Pressure Alarm		