



A leading brand in clean air systems for healthcare industry.

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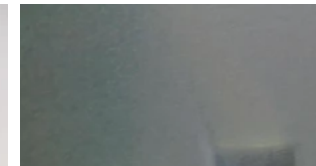
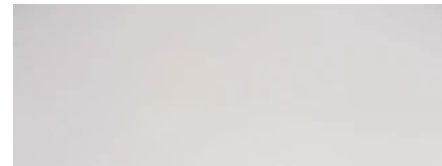
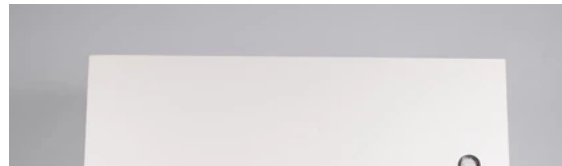
Vertical Laminar Flow



The Vertical Laminar Airflow provides product protection within the work area, which is confined by Stainless Steel 304 Grade side panels and front sliding sash.

Room air is taken in from the top of the cabinet through a Pre-filter with 90% efficiency which traps particles of 10 μ and above. Air is spread evenly across the HEPA filter, thereby providing a stream of clean air within the work area of the cabinet. This removes all contaminated air from the interior.

Perforated Stainless Steel diffuser screen, protects the HEPA filter and maintains uniform airflow velocity within the work area. Easy disassembly for access through a small door.





PRE-FILTER

10µ with efficiency of 90% (washable HDPE media with FRP PU / SS 304 frame)

2X STAGE FILTRATION



SUPPLY FILTER

Mini Pleat HEPA Filter Efficiency 99.999% @ 0.3µm (H-14) High Efficiency Particulate Air (AAF India Ltd.)As per IEST – RP – CC002.4



MATERIAL

Anti Microbial Powder Coated (60-80µ) Galvanized Iron Sheet with Epoxy Polyester Thermosetting Sheet OR Stainless Steel 304 grade 1.2 mm.



MAX WORK AREA

Maximum coverage for easier hand movements inside the cabinet. The Unit has a 10° Slope for operator's comfort.



FRONT SASH

Sliding 6mm frameless glass sash. (Optional: Motorised Automatic Sliding Sash)

Vertical Laminar Flow | Microfilt



MOTOR BLOWER ASSEMBLY

Variable speed motor



NOISE LEVEL

Less than 60Db at 1 Meter from the face of the filter



CLEANLINESS

ISO Standard 14644-1 Class 5



PRESSURE GAUGE

Minihelic Gauge
(Dwyer /Aerosense make) Made in USA



AIR VELOCITY

90 FPM at 6" from face of the filter +/- 20 Feet Per Minute



FEATHER TOUCH

Microprocessor Controller for:

- Digital Pressure Gauge
- Rated filter life indicator
- Timer for UV light
- UV light hour meter
- Interlock UV and light switch

VERTICAL LAMINAR MODELS (MFI V)	2'x2'			3'x2'			4'x2'			6'x2'		
	L	B	H	L	B	H	L	B	H	L	B	H
Internal Dimensions (mm)	705	630	610	1010	630	610	1315	630	610	1925	630	610
External Dimensions (mm)	825	740	2025	1130	740	2025	1435	740	2025	2045	740	2025
Shipping Size (mm)	890	895	1550	1195	895	1550	1500	895	1550	2110	895	1550
Net Unit Weight (kg)	155			210			230			325		
Gross Packing Weight (kg)	195			280			300			410		
Tolerance +/- 5mm												
Ultra Violet Lighting	1.5 ft length G15T8 15 Watt "Sankyo Denki/Philips" make						3 ft length G30T8 30 Watt "Sankyo Denki/Philips" make					

Know more

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Laminar Air Flow cabinets, Biosafety Cabinets, Operation Theatres
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