

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 10μ 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)



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

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