

Vertical Ceiling Laminar Flow

The vertical ceiling laminar flow airflow is suspended from the ceiling at a desired height from the floor.

Standard features:

- ✦ It Provides an ISO Class 5 - 14644 - 1 environment within the work area that complies with the latest IEST (Institute of Environmental Sciences and Technology) Recommended Practices.
- ✦ Perforated Stainless steel diffuser screen protects HEPA filter and maintains uniform airflow velocity within the work area.
- ✦ We manufacture variety of Laminar flow units to match various makes of Ampoule / Vial / Powder filling machines as well as Automatic / Semi-Automatic lines.
- ✦ With combination we can give you large size units required by 6/8 Hd as well as other high speed Ampoule / Vial / Filling / Washing machines like 5'x4', 6'x4', 8'x4', 8'x2.5', 8'x6' as well as custom made sizes.



Specifications :

1	Name of Equipment	Vertical Ceiling Laminar Flow Unit
2	Material of Construction	Stainless Steel 304 grade 1.2 MM Thickness.
3	Velocity	100 FPM at 6" from face of the filter
4	Body Finish	Matt 150 Grit
5	Design & Classification	Side Loading Pre-Filters / Complete work area will be of SS 304 including HEPA Grill As per IEST - RP - CC002.2
6	Cleanliness Class	ISO Standard 14644 - 1 -Class 5
7	Noise Level	60 Db at 1 Meter from the face of the filter
8	Stages of filtration	1)Pre-Filters = 10 μ with an efficiency of 90% (Washable HDPE media in SS 304 Frame) 2) Mini pleat HEPA Filter Encased in Aluminum Frame Final = 0.3 μ with an efficiency of 99.995% (Microbial treated media) (HEPA Media : Ahlstrom Fabriano Srl. Italy)
9	HEPA Filter Grill	SS 304 grills duly perforated and polished
10	Motor Blower Assembly	"Godrej" make variable speed motor mounted on PU coated FRP Blowers with Aluminum Impellers
11	Switches & Speed Controller	Feather touch microprocessor control
12	Fluorescent lighting	CFL lamps with electronic chokes
13	Pressure gauge	Magnehelic gauge (Dwyer make) Made in U.S.A
14	Power Supply & Service	Single phase 230V, 50Hz power supply All services from Bottom & side
15	Optional accessories	Vinyl curtain on sides Ultra violet Tube

Standard sizes available: 2'x2', 3'x2', 4'x2', 6'x2', 4'x3', 6'x3', 4'x4', 6'x4' as well as custom-made sizes.