

## RS-PSI 045 Vertical Laminar Air Flow



We have to require comprehensive range of high performance vertical Laminar Flow clean air cabinets. Modular construction, combining aesthetic appeal with functional utility and efficiency. These are designed to meet the filtration, illumination, Noise & Vibration requirements and US Federal Standard 209 B (BS 5295) Providing air to meet class I 00 (class I) conditions, to the extent applicable. It is Ideal for microbiological manipulations. work with bioassays sterility testing & research work. vial filling & bunging operation in parenteral units & for general dryprocessing work in semiconductor industry etc. Provides a comfortable 'sit down' working position for the operators.

Floor Mounted Version suitable when floor space is available

Product	RS- Vertical laminar Airflow - Standard Version
Application	Tissue Culture / Biotechnology/ Microbiology etc.
MOC	Mild Still with Powder coated / Stainless Steel - Matt Finish
Pre Filter	RS Make Pre Filter with Micro Glass Fibre Media of 5 Micron
Supply HEPA Filter	HEPA Filter efficiency 99.97% 0.3 Micron
Motor Blower Assembly	Induction Motor with Centrifugal Blower Statically and Dynamically balanced with Suitable Rating and Size.
Working Table	S.S. 304 with Due Reinforcement for Better Performance and Stability.
U.V. Light	U.V. Light for Sterilization
Side Panel Accessory No.	Clear Acrylic panel / UV Protected Polycarbonate panel
Door	Easy Sliding Door for weight lifting
Pressure Gauge	USA Make Minihelic Differential Pressure Gauge/ RS-PSI Inclined manometer.
Lights	Fluorescent Tube with Milky White Diffuser.

### Performance

Air Cleanliness	Class ISO - 5 (as per ISO - 14644-1 ).
Air Flow Rate	0.45 ± 0.05mps. or 90 FPM ± 10 FPM
Illumination Of Light	Minimum 800 Lux on work table
Noise Level	Less than 67 db on Scale 'A' When Ambient sound Level is not Greater than 57 db on Scale 'A'
Vibration Level	Minimum

- We are Mfg. of Complete s.s. (GMP).
- We are Provided IQ,OQ,PQ, Documents and user