Horizontal Laminar Air Flow

Special Features

- Large front panel display and user friendly control panel
- 10° slanted view screen provides highly visible and easily accessible area
- Work area is surrounded by negative pressure , double-wall plenums for superior protection
- Sturdy constriction of cabinet protects from air leakage from the working zone
- Display of Life of UV lamp, HEPA filter and temperature
- Caster wheels for ease of mobility
- Levelling jack for vibration free operation

The laminar flow chamber exist in both horizontal and vertical configurations, Laminar flow cabinets are equipped with a UV-C germicidal lamp to sterilize the cabinet and contents when not in use.

Air Flow and Filtration

Laminar air Flow principle involves double filtration of air. Atmospheric air is drawn through pre filter and is made to pass through highly effective HEPA (High Efficiency Particulate Air) filters having efficiency rating as high as 99.99% , retaining all airborne particles of size 0.3 micron and larger. Double filtered air blows in laminar flow through the work table at designed velocity of 70 FPM-110FPM(Avg. Air flow velocity 90 FPM)

Technical Specifications For Horizontal Laminar Air Flow					
Working Area (mm)	600×600×600	900×600×600	1200×600×600	1500×600×600	1800×600×600
Air Flow	Horizontal				
Working Table	Stainless steel 304, 16 SWG				
Control system	PLC / Manual				
Display	Colour HMI with touch screen / Differential pressure gauge				
Size of HEPA filter	600×600×76	900×600×76	1200×600×76	1500×600×76	1800×600×76
Pre filters	1				
Illumination	1×80 W				
Filter efficiency	99.9 %				
Working Area	Class 100				
Particle Retention	0.3 micron				
Velocity	90 FPM + 20 %				
Illumination	LED, 750 – 800 LUX				
Voltage	110 V/230 V AC				
Power	500 W	500 W	1000 W	1000 W	
External Size	730 x800x1200	1040x800x1200	1345x800x1200	1650x800x1200	1960x800x1200
External Size with stand	730 x800x1900	1040x800x1900	1345x800x1900	1650x800x1900	1960x800x1900
Size with packing	860x927x1650	1170x927x1650	1480x927x1650	1780x927x1650	2090x927x1650
Net weight	110	125	150	160	190
Gross weight	145	175	185	200	225

NB:

P Models are with Programmable logic control (PLC)

G Models are made out

Service and Support
The training undertaken by our Channel partners and engineers is of the highest standard in the

industry, ensuring that our customers are supported by the highest level of technical expertise and as such can be assured that their equipment will perform to the standards required at all times.

Our wide network of Engineers/Technicians enables us to respond to any technical query, ensuring that our customers receive the maximum benefit from their equipment.