APSLABS

Creating Safe Solutions for Life Science Laboratories
Engineered for Simplicity and Efficiency
Certified for Safety and Performance

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LAMINAR AIR FLOW CABINET

SALIENT FEATURES

Ergonomic Design
Versatile Usage
Energy Efficient Mechanism
Low Noise and Vibration Levels
Long Life and Low maintenance
Conforms to US Federal Standard

DRUIX

Model: APS-125 Series

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Product Features

❖ Vertical model.

❖ Blower ensures noiseless operation.

❖ Ultra low Vibration, Noise level not more than 65 db at 1 meter from face of the equipment.

❖ Positive pressure built inside the chamber for complete protection of the product.

❖ Air is drawn through Pre-Filter and is made to pass through high effective HEPA (High Efficiency Particulate Air) filters.

❖ HEPA filter with particle retention of 0.3µm and larger with an efficiency of 99.99%

❖ The outer body of the cabinet is made of thick Mild Steel (G.I.) duly powder coated for lasting finish.

❖ Internal chamber made of thick Stainless Steel 304 grade.

❖ The working table made of heavy duty thick Stainless Steel 304 grade.

❖ Smooth finish leak proof interior and exterior ensures no risk of cuts to the user or maintenance personnel.

❖ Manual Sliding front door with handles made of UV proof safety glass / Acrylic with trouble free mechanism of counter balanced weight.

❖ Side panels made of UV proof safety glass / Acrylic.

❖ Built in U.V. Germicidal light helps in killing of bacteria and other microorganism. With Interlock function – UV lamp can only be switched on when the front window is closed ensuring operator safety.

❖ Working area is illuminated by slim tube lights fitted to the unit.

❖ High performance noise abated statically and dynamically balanced centrifugal blower units sized to generate adequate air flow volume over the entire surface of filter. Operates with minimum noise level and vibration.

❖ Height of the working table (2.5ft with base stand) provides comfortable "SIT DOWN" working position for the operator.

❖ Suitable Leg Space to work freely.

❖ Base stand with heavy duty lockable castor wheels for easy portability.

❖ Supplied complete with cord & plug to work on 230VAC, 50Hz supply.

Model No.	APS-125-3	APS-125-4	APS-125-5	APS-125-6	
TYPE OF MODEL	LED/LCD	LED/LCD	LED/LCD	LED/LCD	
Internal Dimension (WxDxH)	3ft x 2ft x 2ft	4ft x 2ft x 2ft	5ft x 2ft x 2ft	6ft x 2ft x 2ft	Technical Specification
Design classification	Vertical air flow				
UV light (Philips)	254 nm approx.				
FILTER	HEPA filter with particle retention of 0.3µm and larger with an efficiency of 99.99%				
LED White Light	≥600 LUX				
Controller	Microprocessor based with LED indicator display.				
Air Flow Velocity	0.4 to 0.45 m/s				
Pressure Gauge	YES				
Service connection	Air/Vacuum/Gas-1 no's, Electricity socket (15/5 Amp) with switch-2 nos				

MICROPROCESSOR BASED AUTOMATIC CONTROLLER

Dedicated Microprocessor based controller with LCD display of values to ensure the user knows whether or not the cabinet is working under set operating conditions. Fitted in open able front panel for easy maintenance.

FEATURES:-

❖ User friendly operation

❖ Bright light LCD displays all parameter including date & time, UV/FL lamp on/off.

❖ UV hour meter/ DOP Hepa filter testing.

❖ Separate Switches for fan, lights & UV light.

❖ Air flow velocity Display

❖ Built in UV timer helps in the decontamination by switching ON the UV tube for a certain time period (0-99 hrs.)

OPTIONAL FEATURES	
Validation	*Onsite* Calibration certificate from NABL accredited third party (will be charged as per actual)
Motorized front sash	front opening sash with counter balanced weight of motorized movement
Other documents	Validation document IQ, OQ, PQ
Other accessories	Voltage stabilizer, Arm rest, Foot rest, Laboratory chair, Height adjustable stand, PRE filters, HEPA/ULPA Filters etc. will be provided on requirement