



## LAMINAR AIR FLOW VERTICAL

Laminar flow cabinet (horizontal / vertical) designed so as to meet the requirements of US federal standard 209 B (BS 5295) providing particle free air to meet class 100 conditions. The unit is fitted with pre-filter and HEPA filter. Air is drawn through pre-filter and is made to pass through highly effective HEPA filters having efficiency rating as high as 99.99% with cold DOP & 99.97% with hot DOP thus retaining all air-borne particles of size 0.3 micron and larger. Using a dynamic machine, the blower and motor assembly is statically and dynamically balanced ISI marked motor of 1/4 HP capacity operates with minimum noise level less than 60 dB on a Scale. The working area is illuminated by fluorescent lighting fitted to the unit. Height of the working table provides comfortable "SIT DOWN" working position for the operator.

## SILENT FEATURES

Vertical DUO Laminar for working across the table, dual operation.

It is used for various works that require maintenance of the cleanliness and purity like plant tissue culture, examination and experimentation of precision electronics parts, medical sciences, pharmacy, agriculture sector and the like.

Designed so as to meet the requirements of US Federal Standard 209 B (BS 5295) providing particle free air to meet class 100 conditions.

Cabinet is fabricated of Cold Rolled Steel Duly (powder coated)/ PCGI and Stainless Steel (S.S.304)

Working table is made of Stainless Steel Sheet (SS-304 grade).

Side panels and front doors are made out of thick transparent plexi glass.

Air drawn through pre-filter is made to pass through highly effective HEPA (High Efficiency Particular Air) filters having efficiency rating as high as 99.99% with cold DOP and 99.97% with hot DOP, thus retaining all air-borne particles of size 0.3 micron and larger.

Heavy Duty Motor operates with minimum noise level.

Using a dynamic machine, the blower and motor assembly is statically & dynamically balanced.

Working area is illuminated by fluorescent lighting fitted to the unit.

Supplied complete with S.S. Table Top, Transparent front door, Static Pressure Manometer, Built in U.V.

Germicidal light and Cock for gas, air or vacuum line, HEPA filters and pre-filter.

The highly efficient HEPA filter maintains the optimum cleanliness and purity.

The prefilter fitted extends the life of HEPA filter drastically.

Silent Vibration-Free Blower ensure noiseless operation and anti-vibration construction provides efficient working environment.

To work on 220/230 volts A.C. supply.

## SPECIFICATIONS

Model	APS-LAF-V-010	APS-LAF-V-011	APS-LAF-V -012	APS-LAF-V-013	APS-LAF- V-014
Size (feet)	2' x 2' x 2'	3' x 2' x 2'	4' x 2' x 2'	6' x 2' x 2'	8' x 2' x 2'
Size of HEPA filter	2' x 2' x 6"	3' x 2' x 6"	4' x 2' x 6"	3' x 2' x 6"	4' x 2' x 6"
No of HEPA filters	1	1	1	2	2
No of pre filters	1	1	1	2	2
Illumination	1 x 20 W	1 x 20 W	2 x 20 W	2 x 40 W	4 x 40 W
UV Germicidal light	1' x 1½'	1' x 1½'	1' x 3'	2' x 3'	2' x 3'

APS LAB INSTRUMENTS