

Laminar Air Flow Cabinet Horizontal



Construction:

The cabinets are fabricated out of mild steel duly epoxy/ Powder coated. The work table is made of S. S 304/316. All joints are sealed with solstice sealant. Side panels are provided of thick transparent acrylic sheets/ Glass. The unit is fitted with pre-filter and the ambient air is made to pass through highly effective HEPA (High Efficiency Particular Air) filter having efficiency rating as high as 99.997% with hot, DOP, thus retaining all air-borne particles of size : 0.3 micron and larger.

The blower and motor assembly is statically and dynamically balanced. Blowers are spring mounted to minimize vibration. The working area is illuminated by diffused fluorescent lightings fitted to the unit. The pressure is measured by static pressure manometer, fitted with one No. U.V Lamp, Gas cock, and Glass bead sterilizer as optional. Height of the working table provides comfortable "Sit Down" working position for the operation to work on Fitted with castor wheel for easy mobility and screw stoppers for aligning the unit.

Power Supply 220/230 volts AC.50 Hz

Product Specification:

HEPA Efficiency	99.997% at 0.3 microns with DOP test
Pre-filter	Washable with an arrestance up to 90% at 5 microns
Air Velocity	90FPM +-20%
Sound Level	60-65 decibels
Illumination	900 - 1300 Lux
Cleanliness	Class 100

Model No.	Size of HEPA Filter	Outer dimension W x D x H
ELF-1SS	2'x2'	28" x 40" x 60½"
ELF-2SS	3'x 2'	40" x 40" x 60½"
ELF-3SS	4'x 2'	52" x 40" x 60½"
ELF-4SS	6'x 2'	79" x 40" x 60½"

Model. No	Size of HEPA Filter	Outer dimension W x D x H
ELFV-1SS	2'x2'	28" x 28" x 80"
ELFV-2SS	3'x 2'	40" x 28" x 80"
ELFV-3SS	4'x 2'	52" x 28" x 80"
ELFV-4SS	6'x 2'	76" x 28" x 80"

- ULPA Filter can be supplied on specific order
- HEPA system in an area or room can be done against specific order
- Dwyer magnehelic gauge can be fitted instead of Inclined Manometer
- Glass Bead Sterilizer 2' dia 4' depth can be supplied Infra-red activated sterilizer can be supplied



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