



**ELECTRONICS SYSTEMS**  
(Division of Electronics Instrumentation & Lab Equipments)

## LAMINAR AIR FLOWS



We are counted amongst the most trusted providers of Vertical & Horizontal Laminar Air Flow. These products are fabricated using high grade raw material and components sourced from reliable vendors of the market. The smooth functionality of our products makes these widely applicable in various pharmaceutical industry, engineering ,agricultural & pharmacy institutes and others.

A laminar flow binet or laminar flow closet or tissue culture hood is a carefully enclosed bench designed to prevent contamination of semiconductor wafers, biological samples, or any particle sensitive device. Air is drawn through a HEPA filter and blown in a very smooth, laminar flow towards the user. The cabinet is usually made of stainless steel with no gaps or joints where spores might collect. Such hoods exist in both horizontal and vertical configurations, and there are many different types of cabinets with a variety of airflow patterns and acceptable uses. NSF49 is the commonly accepted regulatory standard for these cabinets.

Laminar flow cabinets may have a UV-C germicidal lamp to sterilize the shell and contents when not in use. (It is important to switch this light off during use, as it will quickly give any exposed skin sunburn and may cause cataracts.). Our Horizontal Laminar Flow Cabinets, are renowned worldwide because of our stringent International quality standards used while manufacturing them. Like our Horizontal versions, our Vertical Laminar Flow cabinets are internationally recognized for being highly precise, with excellent operational capabilities.

Laminar Flow Cabinets complete with HEPA filter having efficiency of 99.97%down on 0.3microns.pre filter 90 % down to 5 micron, suitable motor blowing assemblies, working table SS top, side Acrylic panel, fluorescent tube Lights & Pressure differential manometer & castor wheels. U. V. Light & Gas cork & Plexi doors. Available in metallic construction with attractive epoxy powder coating finish.

**Application areas: For pharmaceutical R&D Labs, QC labs , Horticultural lab , biological sample lab , QC labs. Pharmacy & Agricultural engineering institutes.**

### Features:

- Involves low-risk substances
- Provides dust free air space Safe to use
- High efficiency
- Maximum dimensional stability
- Provide excellent work area for laboratories and other applications

### Dimensions :

Model Type	HM-1/VM-2	HM-3/VM-3	HM-4/VM-4
Working Area	2'x2'x2'	3'x2'x2'	4'x2'x2'
Size of filter	2'x2'x6'	2'x2'x6'	2'x2'x6'
HEPA Filter(with Unit)	One	One	One
PRE Filter(with Unit)	One	One	One
Illumination (with unit)	1x20 watts	1x20 watts	1x40 watts
Horizontal (with unit)			
Vertical (with unit)			