



LAMINAR FLOW

Laminar Flow Hoods are self-contained clean work stations designed to provide a sterile work environment. The Laminar Flow Hood produces air flow, free from particulate and biological contaminants. Ambient air is drawn in through a prefilter of the cabinet and introduced to the work zone through a HEPA filter(s). Laminar Flow Hoods are used for:

Aseptic dispensing

Media pouring

Tissue culture

The Laminar Flow Hood provides protection for products or experiments but does not protect the worker or the environment from biohazard and/or infectious material which may be handled in the work zone.



APPLICATION & KEY FEATURE

- Working table is made of Stainless Steel Sheet (SS-304 grade).
- Side panels and front doors are made out of thick transparent plexi glass.
- Heavy Duty Motor operates with minimum noise level.
- Using a dynamic machine, the blower and motor assembly is statically & dynamically balanced.
- 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
- * Provide gauge for monitoring the condition of all HEPA filters as well as work space. (Optional)
- * Equipped with Microprocessor controller having alphanumeric/ Graphic LCD display and soft touch controls. Controller indicates all input status, alarm function and control for blower, lights and UV (Optional).
- * Real time Clock (Optional)

SPEifications:

*Model	AMELF-600N	AMELF-900N	AMELF-1200N
Internal Dimensions (WxDxH) mm	600x600x600	900x600x600	1200x600x600
MOC	<i>Internal Working Chamber : Stainless steel (SS-304) Exterior Cabinet : Electro Galvanized Steel or Stainless Steel (SS-304) or Wooden</i>		
Pre - Filter	<i>Mounted on aluminum frame, of rating 20 microns</i>		
Supply / Main Filter	<i>HEPA or ULPA with efficiency 99.97% @0.3 microns</i>		
Exhaust Filter	<i>HEPA or ULPA with efficiency 99.97% @0.3 microns</i>		
Drain trough with valve	<i>The trough at base is easy to clean and for offloading liquid spillage if any (Optional)</i>		
Purity	<i>Confirming to class 100 conditions</i>		
Sterilizing	<i>UV Germicidal Tube.</i>		
Utility	<i>Gas/Air cock and multipoint 15/5 Amp. Electric socket.</i>		
Power Supply	<i>220 Vac ± 5% 50 Hz</i>		

An ISO9001:2015 Certified Company