LAMINAR AIR FLOW CABINET

Ideal for Microbiological Manipulations, Sterility Testing, research work & for general dry-processing work in semiconductor industry etc.

- Construction : Standard - Full Cabinet made from CRCA Steel sheet - powder coat finished.
  : GMP - Full Cabinet made from Stainless Steel (304 Grade).
- Working Table Top : Made from Stainless Steel (304 Grade).
- Side panels : Thick transparent Acrylic.
- Motor Mounting : Unique spring suspension system with bellow which helps to reduce Vibrations and noise, produced during the process.
- HEPA Filter : Mini Pleat - High Efficiency Particular Air Filter with Efficiency 99.97 % down on 0.3 micron.
- Pre Filter : Washable Filter having efficiency of 95 % down to 10 micron.
- Air Flow Velocity : 90 FPM (0.45 m/s) 10 FPM (0.05 m/s) average velocity measured 6 in (153.4 mm) from the diffused screen.
- Air Uniformity : ± 20% of average or better.
- Air Circulation : Balanced blowers fitted with direct driven FHP Motor. (For Variable air flow speed in accordance with filter loading).
- Static Pressure Indicator : Oil Filled Manometer.
- Inner chamber Sterilization : Through UV Germicidal tube.
- Inner chamber Illumination : Fluorescent tube light.
- Noise Level :< 65 DB measured at 1 Mtr from filter face.
- Gas Cock Provision.
- Castor Wheels for easy mobility.

MODEL		WORKING AREA (L X W X H)	HEPA FILTER DIMENSIONS	PRE - FILTER	ILLUMINATION
HORIZONTAL	LHLF-1	2 X 2 X 2 Feets	24 X 24 X 6	1 NO.	1 X 20 WATTS
	LHLF-2	3 X 2 X 2 Feets	36 X 24 X 6	1 NO.	1 X 20 WATTS
	LHLF-3	4 X 2 X 2 Feets	48 X 24 X 6	1 NO.	1 X 40 WATTS
VERTICAL	LHLF-4	2 X 2 X 2 Feets	24 X 24 X 6	1 NO.	1 X 20 WATTS
	LHLF-5	3 X 2 X 2 Feets	36 X 24 X 6	1 NO.	1 X 20 WATTS
	LHLF-6	4 X 2 X 2 Feets	48 X 24 X 6	1 NO.	1 X 40 WATTS