

LAMINAR AIR FLOW HORIZONTAL

Model No.: BL-HTLP-068

- Laminar air flow systems are used in various applications such as life science research, mushroom cultivation, microbiology, IVF, IUI and histopathology / pathology lab, plant tissue and cell culture and pharmaceutical and electronics industry and many more.
- It provides an economical work environment suitable for hospitals, drugstore, pharmaceuticals factories, sanitation and anti-epidemic stations.
- Noise levels: Less than 60 Db at 1 meter.
- Outer body made of Stainless Steel 304 Grade (1.2 mm)
- Working Table made of Stainless steel 304 Grade (1.2).
- Side panel made of Stainless-steel grade 304 1.2 mm.
- Front sash made of Stainless-steel grade 304 1.2 mm with front sliding toughened glass sash.
- Fitted with equipped with minihelic pressure gauge, gas, and vacuum cock.
- Pre filtration filter: 10 μm with efficiency of 90% with stainless steel frame.
- Sterilization Filter: HEPA with H14 ultra filter of 99.995% efficiency @ 0.3 μm protected by perforated stainless steel diffuser screen.
- Laminar air flow workstation is a closed cabinet fitted with HEPA filtered air flow system.
- Filtered air flows horizontally towards the user creating sterile working environment.
- Supplied with variable speed motor mounted on PU coated FRP blower with aluminium powder coated impellers
- Air velocity: 90 FPM from the face of the filter +/- 20 Feet Per Minute.
- Air filtered through pre-filter is forwarded towards HEPA filter.
- Microprocessor control equipped with feather touch microprocessor controller with audio-visual alarms for flow rate, motor rate, UV light duration, etc.
- Touch screen control: Should have touch screen control for digital pressure gauge, rated filter life indicator, timer for UV light, UV Lamp hour meter, and Interlock UV and light switch.
- Light is fitted to provide proper illumination under the working area.
- Pre filter that we use are box type pleated having efficiency 95% down to 5 micron.
- The blower assembly has $\frac{1}{4}$ HP; 1400 RPM branded motor.
- Work area Light fitted with fluorescent/LED light of 2 Nos and 36 watts.
- Fitted with PU solid wheels with S.S. 304 brackets and 304 S.S. lugs.
- - Working Table Size: 4' x 2' x 2'
- Power 220-230 Volts AC Supply.

