



Laminar air flow cabinet

Construction: -

Saarc's Laminar airflow cabinets are basically constructed out of 1"~2" MS/S.S box bar and the exterior surface are covered with M.S. sheet/S.S sheet.

The surface of the Working table is made of S.S. sheet/ebonite sheet. The side panels of the working area are made of 5mm thick transparent glass.

Air flow and filtration: -

Laminar airflow principle involves double filtration of atmospheric air. The atmospheric air is drawn through pre-filter and is made to pass the Air through highly effective HEPA (High efficiency particulate air) filter having efficiency rating as high as 99.97 % down to .3 micron thus retaining all airborne particles size of 0.3 micron and larger. Double filtered air blows through the worktable at a designed velocity of 90ft/min \pm 10%. The filters are made of U.k/U.S.A/JAPAN/GERMAN/ITALY.

Blower motor assembly: -

Statically and dynamically balanced, direct drive Blower is designed to provide adequate air pressure over the entire surface of HEPA. The motor blower operates with minimum noise level i.e. lower than 65db and the vibration is less than 2.5um. The motor is imported from U.k/U.S.A/JAPAN/GERMAN/ITALY

U.V. Tube light assembly: -

A U.V. tube light is assembled in the working field to assure almost 100% microorganism free working area.

Power requirements: -

220volt, single phase, 50/60HZ AC supply, watt 250/375/750

Special requirements: -

Working table surface warmer: Temperature range 25~50 deg. Centigrade, Temperature controller: Digital.

Operating instruction: -

Turn the U.V. tube light and Blower motor switch on. After 15 minutes turn off the U.V. tube light and then start working.

Other requirements: -

Illumination: Florescent light- 40/20 watt. U.V. light- 30/15 watts

Table surface material: S.S.

Brand Name: **SAARC**

Mode of payment: 50% of the total quoted value has to be paid with the work order. And other 50% will have to pay during the time of delivery.

N.B.: We will cover a warranty period of one year from date of installation for the above machinery (This warranty will not cover the electrical appliance).



Price list of laminar air flow cabinet

| Sl.No | Size of Working aria (WXHxD) | Cabinet martial | Working table material | Price |
|-------|------------------------------|-----------------|------------------------|------------|
| 1 | 3Ft X 2ft X 2Ft | S S | S S | 120,000.00 |



Thanks and Regards





Mohammad Selimuzzama