

Biosafety Cabinet

offers advance technology of high performance bio safety unit (Class " A " type , Class " B " type) provide clean air, double filtration of air removes dust particles. It is ideally suitable for various laboratories of College,

Salient Features:

- * Ergonomic Design
- * Versatile Usage
- * Low Noise
- * Vibration Less
- * Stainless steel Working table



Filter Assembly

All our laminar air flows are fitted with fully washable synthetic pre-filter units and secondary high efficiency perfect air filters made of mini pleated non woven fabric. The efficiency of our **Hepa** filters have a rating better than 99.99% at DOP (cold) and **99.97% at DOP (Hot)**. Our units have the capacity to hold all suspended particles of size > 0.3 micron.

Ultra Violet Light

Optimal wattage ultra violet light is incorporated in the illumination panel of our laminar air flow to take care of the sterilization of the existing air present in the enclosure, thus ensuring the high standard of cleanliness in our equipment before the commencement of actual working.

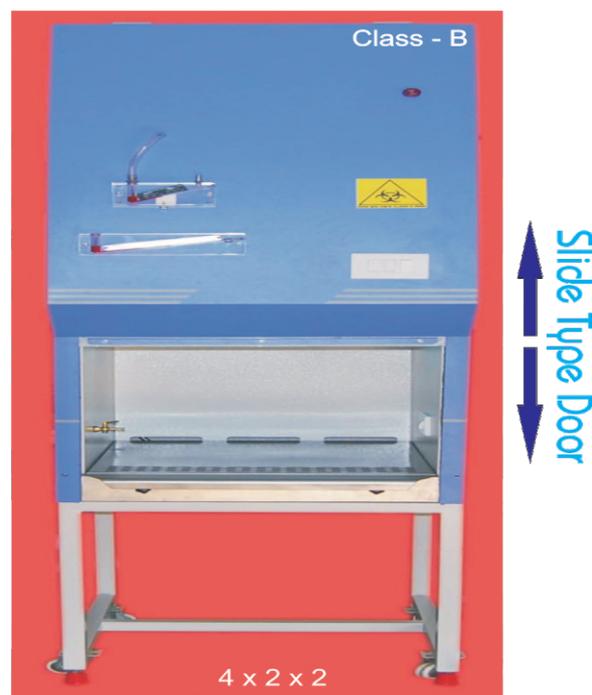
Illumination

All the units are provided with adequate illumination at the work table by means of fluorescent lights panel concealed at the upper portion of the unit. This light arrangement conforms to the guidelines laid down in US federal standard . The illumination at the work table is approx > **800 lux**

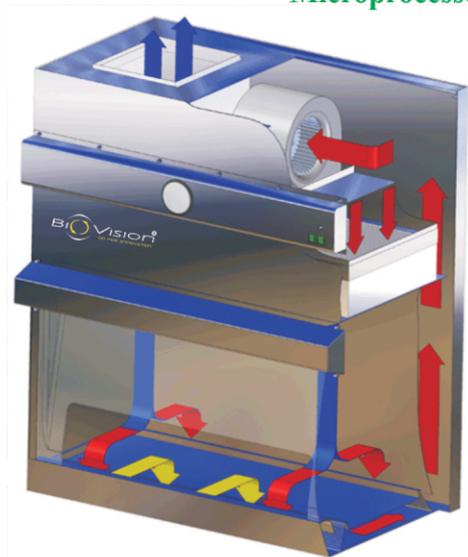
Body Construction

- M.S (Power Coted)
- G I (Galvanized steel)
- S.S (Complete Unit)

Front door open system with counter weight mechanism



Working Principal of BIOHAZARD - Unit Microprocessor Controlled



- Room Air
- Filtered Air
- Contaminated Air

MODEL	Size of HEPA Filter	Ex. Dimension (W x D x H)
BVS - 1BS	2' x 2'	28' x 40' x 80' ½ "
BVS - 2BS	3' x 2'	40' x 40' x 80' ½ "
BVS - 3BS	4' x 2'	52' x 40' x 80' ½ "
BVS - 4BS	5' x 2'	75' x 40' x 80' ½ "

Control Panel

