



- HEPA filters will be MINIPLATE with 99.99% efficiency for 0.3 micron with integral metal guards & filter frame gaskets and manufactured in class 100 super clean air conditioned environment for longer life.
- Air pressurization system statically and dynamically balanced, fitted with special vibration reducing system to suit low noise and vibrations.
- UV lamp working zone (40 micro watts/ square cm at 254 mm or better) and placed so that the operator cannot see directly i.e. eyes should be always protected.
- Pre filters with efficiency of more than 80%.
- Switches & Electrical sockets outlets for 15/5 amp. Pressure Monitors like Magnehelic gauge to indicate pressure drop acr.
- Exhaust blower capable for 100% exhaust interconnected with supply air blower; system will Only start when the negative pressure is develop.
- Back holes on vertical walls to provide more work area on table.
- Suitable power supply 230 volt a/c

BIO SAFETY CABINET FEATURES

- Main body made in mild steel (Heavy gauge- 19 G) With Powder Coated.
- Table top and working zone made of stainless steel (304 grade) Heavy gauge-20 G.
- Table top will be in two parts: a) Front perforated portion 5" in size b) Non perforated working zone.
- Air Flow will be vertical down flow with 70 % Circulation and 30 % exhaust.
- Cleanliness level less than 3.5 particles/ liter of 0.5 mm and larger.
- Noise Level less than 65 db.
- Vibration level: Less than 2.3 mm.
- Average air flow 90±20 fpm (down flow).
- Door fully automatic.

BIO SAFETY CABINET CLASS II A2 DIMENSIONS

SIZE

2 fit x 2 fit x 2 fit
600 mm x 600 mm x 600 mm

3 fit x 2 fit x 2 fit
900 mm x 600 mm x 600 mm

4 fit x 2 fit x 2 fit
1200 mm x 600 mm x 600 mm