



BIO SAFETY CABINET

This is designed to offer personal, product, & environmental protection and prevent cross contamination. It can be used with agents that require biosafety level 1, 2, or 3 contaminate.
Biosafety cabinet: class II type A2 (Re-circulatory)

Class II type A2: It recirculates 70% of HEPA filtered laminar air while 30% passes through system exhaust HEPA to ambient.

Biosafety cabinet class II type B2 (100% exhaust)

Class II type B2: This is single pass system. It exhausts 100% of HEPA filtered air from the system to ambient.



Model	Internal dimension (mm)			External dimension (mm)		
	W	D	H	W	D	H
ST-BSC-36X24	915	610	610	1095	900	2160
ST-BSC-48X24	1220	610	610	1400	900	2160
ST- BSC-72X24	1830	610	610	2045	900	2160

Note: Customised dimensions as per requirement



SQUARE TECHNOLOGIES

Plot No.-47,
Krishna industrial Park
Sanjan road,Umbergaon(396171)
Dist-Valsad(nr.vapi), GJ

Features:

- MOC: SS304, SS316 and SS316L or customized execution (Powder coated with SS workspace)
- SS Perforated worktable
- Cabinet support stand with leveling pads
- Intermediate filter: EU-7 / H14
- Final Filter:H-14
- PAO port.
- Mechanical differential gauge across final filter and exhaust filter
- Ventilator
- LED Light
- Electrical control system with push button and indicators
- Toughened /polycarbonate sliding door with interlock
- Side glass panel
- Light: lux level 250 to 300.

Optional Features:

- Microprocessor / PLC-HMI based control system
- Customized instrumentation and control
- Digital instrumentations for measuring differential pressure, velocity etc.
- Audio-visual alarm for malfunction of ventilator and set operating parameters
- EC ventilator
- GEL seal HEPA
- U.V light with hour meter
- Incinerations system
- Utility ports
- Add on ventilator system

Performance:

- Air Flow: Vertical re-circulatory
- Noise Level: Less than 70db A when ambient is not more than 55db A
- Light Intensity: 250-300 lux