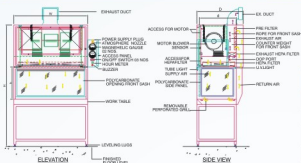


BIO SAFETY CABINETS



HEPA FILTER SIZE	INTERNAL DIMENSIONS			EXTERNAL DIMENSIONS		
	w	d	h	W	D	H
3' x 2'	915	610	610	1095	900	2310
4' x 2'	1220	610	610	1400	900	2310
6' x 2'	1830	610	610	2045	900	2310

Sr.No	Item	Description
1)	MOC	SS 304 / SS 316 / Customised
2)	HEART OF SYSTEM COMPRISES OF	
2.1		Imported Minipleat HEPA Filter with hot melt technology, which conforms to EU-13 / EU-14 Grade at supply position
2.2		Imported Minipleat HEPA Filter with hot melt technology, which conforms to EU-13 / EU-14 Grade at exhaust position
2.3		Fabtech make Return Air Prefilter which conforms to EU 6 Grade, with efficiency of 95% down to 5 μ .
2.4		Motor Blower provided are statically and dynamically balanced, Sufficient capacity and static pressure is maintained to take care of airflow requirement for entire life to HEPA.
2.5		Glass Side panels
2.6		SS 304 perforated work table, which can be readily removed for cleaning.
2.7		Fully operable sliding polycarbonate front door with counter weight arrangement
2.8		Dwyer Make Magnehelic Differential Pressure Gauge
2.9		Sealed white light with milky acrylic diffuser
2.10		Interlocking of supply & exhaust motor blower with logic control to ensure the system stops if either motor stops.
2.11		Alarm triggers in case front doors is raised more than 8"
2.12		ON/OFF Switches for motor & Lights.
2.13		DOP Test Port at upstream of HEPA filter
2.14		Small elbow duct for exhaust
3)	PERFORMANCE	
3.1	Air cleanliness	ISO Class 5 (ISO 14644-1:1999 (E)
3.2	Air Velocities	0.45 \pm 0.05 mps
3.3	Air Flow	Vertical - Recirculatory
3.4	Noise Level	Less than 67 dB on Scale 'A' when Ambient is not greater than 55dB on Scale 'A'
3.5	Vibration Level	Minimum
4)	POWER SUPPLY	230 V AC 1- ϕ 50HZ



Optional Accessories

- Audio Visual Alarm indicating condition of HEPA Filters
- Flame Proof Fitting
- Front Door with Glove arrangement
- VFD based Control systems
- 5/15 Amp single – phase switch socket
- U.V. Light with Hour meter