

SAMPLING / DISPENSING BOOTH



	INTERNAL DIMENSIONS			EXTERNAL DIMENSIONS		
HEPA FILTER SIZE	w	d	h	W	D	H
4' X 4'	1275	1260	2170	1379	1860	2475
6' X 4'	1900	1260	2170	2004	1860	2475
6' X 6'	1900	2500	2170	2004	1900	2475

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 prefilter which conforms to EU 4 Grade, with efficiency of 90% down to 10 μ .
2.4		Fabtech make Intermediate filter which conforms to EU 7
2.5		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.
2.6		SS 304 Double Walled Side Panels
2.7		Dwyer Make Magnehelic Differential Pressure Gauge (0 -25 mm: 2 Nos.) to monitor pressure drop across intermediate filter & HEPA filter and (0-10 mm 1 No.) across Prefilter
2.8		Electrical control panel mounted on the side panel of the unit.
2.9		Fluorescent Light (250 Lux)
2.10		ON/OFF Switches for motor & Lights.
2.11		DOP Test Port at upstream of HEPA filter
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

- SS Perforated Safety Grill for HEPA Filter
- Front Anti Static PVC Curtains (for warehouse applications)
- Front doors (hinged)
- SS Perforation table for keeping weighing scale
- Sodium Vapor Lamps
- Audio Visual Alarm indicating condition of HEPA Filters
- Flame Proof Fitting
- VFD based Control systems
- Safe change Bag in / Bag out arrangement for filters
- 5/15 Amp single - phase switch socket