

**MAC**

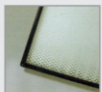
**CLEAN AIR SYSTEMS**

# **VERTICAL LAMINAR AIR FLOW CABINET**



# Images for reference purpose only, may change according to model & size

## **NEW** Antimicrobial Minipleat Filters



One-piece  
Autogasket



Neoprene  
Gasket



Knife-Edge  
Frame

## **Enhance your filtration requirements**

Say good bye... to your  
conventional HEPA / ULPA  
Filters



Switch to "MAC"  
Minipleat HEPA / ULPA  
Filters



**MSW-162(LCD)**

# VERTICAL LAMINAR AIR FLOW CABINET

## MSW-162(LCD)

- Designed so as to meet the requirements of US Federal Standard 209 B (BS 5295) providing particle free air to meet class 100 conditions.
- Cabinet is fabricated of wooden OR CRC sheet duly powder coated OR stainless steel. (SS-304 grade) (as ordered).
- Working table is made of Stainless Steel Sheet (SS-304 grade).
- Front door is made out of thick transparent plexi glass.
- Air drawn through pre-filter is made to pass through highly effective HEPA (High Efficiency Particular Air) filters having efficiency rating.
- Heavy Duty Motor operates with minimum noise level.
- Using a dynamic machine, the blower and motor assembly is statically & dynamically balanced.
- Working area is illuminated by fluorescent lighting fitted to the unit.
- Supplied complete with S.S. Table Top, Transparent front door.
- Built in U.V. Germicidal light and Cock for gas, air or vacuum line, HEPA filters and pre-filter.
- Air drawn through pre-filter is made to pass through highly effective HEPA (High Efficiency Particular Air) filters. The prefilter fitted extends the life of HEPA filter drastically. Fitted with HEPA Filter made from water resistant, fire retardant, imported micro fine glass fibre media; conforms to EU - 14 Grade, with an efficiency rating better than 99.999% for 0.3  $\mu$ .
- These filters are designed to accommodate higher airflow volume.
- Mounted on aluminium frame, Prefilter are made from Non-Woven Synthetic with HDPE mesh and Al expanded mesh on air leaving side; conforms to EU-4/G-4 Grade, with efficiency of 90% down to 10 micron. These filters can be cleaned by compressed air & also washable.
- Mounted on heavy tubular stand with lockable castors.
- With Solid Side Walls and transparent front door.
- To work on 220/230 volts A.C. supply.

### TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

MODEL	MOC : CRC-PC	#LV-22 (CRC-LCD)	#LV-32 (CRC-LCD)	#LV-42 (CRC-LCD)	#LV-62 (CRC-LCD)
	MOC : SS-304	#LV-22 (SS-LCD)	#LV-32 (SS-LCD)	#LV-42 (SS-LCD)	#LV-62 (SS-LCD)
Internal Dimensions (WxDxH) mm		600x610x675	900x610x675	1200x610x675	1780x610x675
No. of HEPA Filter		1	1	1	2
MOC	Work Table : Stainless steel (SS-304) Main Cabinet: CRC Sheet Duly Powder Coated OR Stainless Steel (SS-304) (as required or ordered)				
Purity	Confirming to Class 100 conditions				
Main Filter	Air drawn through pre-filter is made to pass through highly effective HEPA (High Efficiency Particular Air) filters. The prefilter fitted extends the life of HEPA filter drastically. Fitted with HEPA Filter made from water resistant, fire retardant, imported micro fine glass fibre media; conforms to EU - 14 Grade, with an efficiency rating better than 99.999% for 0.3 $\mu$ . These filters are designed to accommodate higher airflow volume.				
Pre - Filter	Mounted on aluminium frame, Prefilter are made from Non-Woven Synthetic with HDPE mesh and Al expanded mesh on air leaving side; conforms to EU-4/G-4 Grade, with efficiency of 90% down to 10 micron. These filters can be cleaned by compressed air & also washable.				
Illumination	Fluorescent Lamp 40W				
Controller	Microprocessor based digital controller with LCD display with air velocity sensor				
Utility	Gas / Air Cock				
Power Supply & Frequency	AC 220 / 230 Volts, 50 / 60 Hz				

### OPTIONS

- Magnehelic Gauge (To track filter pressure) to cost extra.
- Electronic Filter choke alarm. (Differential pressure monitor)
- TFT Touch Screen Display Controller with air velocity sensor.
- Medical lockable castor in lieu of adjustable levellers to cost extra.
- Gas Burner.
- Exhaust ducting per running feet.
- Motorized Sash Lift in lieu of manual sash lift to cost extra.