

CLEAN AIR SYSTEMS

MAC

HORIZONTAL LAMINAR AIR FLOW CABINET

**Microprocessor Controller with LCD display
with Air Velocity Sensor**

MSW-161(LCD)



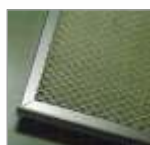
NEW Antimicrobial Miniplate Filters



**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



www.macroscientificworks.com

- ♦ 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 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 doors are made out of thick transparent toughened glass.
- ♦ Heavy Duty Motor operates with minimum noise level.
- ♦ Working area is illuminated by fluorescent lighting fitted to the unit.
- ♦ Supplied complete with S.S. Satin finish 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 μ . These filters are designed to accommodate higher airflow volume.
- ♦ Prefilter are made from Non-Woven Synthetic with HDPE mesh and Al expanded mesh on air leaving side; conforms to EU 6 Grade, with efficiency of 95% down to 5 micron. These filters can be cleaned by compressed air & also washable.
- ♦ Mounted on heavy tubular stand with levelers
- ♦ With Solid Side Walls and transparent front door.
- ♦ To work on 220/230 volts A.C. supply.

TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

MODEL	#LH-22(CRC-LCD)	#LH-32(CRC-LCD)	#LH-42(CRC-LCD)	#LH-62(CRC-LCD)
MODEL	#LH-22(SS-LCD)	#LH-32(SS-LCD)	#LH-42(SS-LCD)	#LH-62(SS-LCD)
Internal Dimensions (WxDxH)mm	600x610x675mm	900x610x675mm	1200x610x675mm	1780x610x675mm
No. of HEPA Filter	1	1	1	2
Main Filter	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 μ . These filters are designed to accommodate higher airflow volume.			
Pre - Filter	Prefilter are made from Non-Woven Synthetic with HDPE mesh and Al expanded mesh on air leaving side; conforms to EU 6 Grade, with efficiency of 95% down to 5 micron. These filters can be cleaned by compressed air & also washable.			
Controller	Microprocessor Controller with LCD Display with air velocity sensor			
Illumination	Fluorescent Lamp 40W			
Sterilizing	UV Germicidal Tube			
Front Door	Made of plexi glass (polycarbonate door optional)			
Utility	Gas/Air Cock			
Power Supply & Frequency	AC 230V, 50/60 Hz			
MOC (Cabinet)	CRC Sheet Duly Powder Coated or Stainless Steel (SS-304)			
Work Table	Stainless Steel (SS-304)			

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.
- Gas Burner.
- Motorized sash lift in lieu of manual sash lift to cost extra.

MAC

B-35/3, G.T. KARNAL ROAD, INDUSTRIAL AREA, DELHI - 110033
 Tel : +91 11 48494849 (100 Lines)
 E-mail : info@macroscientificworks.com
 Web : www.macroscientificworks.com