ALPHA ®
SUDARSHAN

CE
European CE

ASE-134

ASE-135

ASE-137

ASE-134   Horizontal Laminar Flow Cabinet ALPHA™

"ALPHA" Horizontal Laminar Flow Cabinets are designed so as to meet the requirements of US Federal Standard 209 B (BS 5295) providing particle free air to meet class 100 (Class I) conditions. The cabinets are fabricated out of thick board duly sunmica clad / PCRC MS sheet Epoxy Paint / Stainless Steel 304 grade. Interior surfaces are expoxy painted for its longer life. The work table is made of thick board which is sunmica clad / Stainless Steel at top. Side panels are made out of thick board which is sunmica clad / PCRC MS sheet Epoxy Paint / Stainless Steel at top. Side panels are made out of thick transparent plexi glass duly framed. The unit is fitted with pre-filter and HEPA Filter. Air is drawn through pre-filter and is made to pass through highly effective HEPA (High Efficiency Particular Air) filters having efficiency rating as high as 99.99% with cold DOP and 99.97% with hot DOP, thus retaining all airborne particles of size 0.2 / 0.3 micron and larger. Air flow $90\pm20\%$ fmp laminar Using a dynamic balancing machine, the blower and motor assembly is statically and dynamically balanced. Motor of 1/4 H.P. capacity operates with minimum noise level. The working area is illuminated by fluorescent lighting fitted to the unit. To work on 220/230 volts A.C. (single phase) Supply. Providing **:** Unit with acrylic side & front panels and detachable, Cock for gas and vacuum line, Provisions for UV and fluorescent light in the chamber, Washable synthetic non woven prefilters , Motor blower assemblies mount on the vibration mounts for minimum vibration i.e.0.0001 average displacement on work table, and noise level less than 65 db on 'A' scale at work table edge. **Available in Standard and Deluxe Models. Other** changes will be done on request or as per user specification..

Available in following models : In Complete Stainless Steel or Wooden board with sunmica clad as per demand

Model	LH-22	LH-32	LH-42	LH-62	LH-82
Working Area	2'x2'x2'	3'x2'x2'	4'x2'x2'	6'x2'x2'	8'x2'x2'
Size of HEPA Filter	2'x2'x6"	3'x2'x6"	4'x2'x6"	3'x2'x6"	4'x2'x6"
No. of HEPA Filter	1	1	1	2	2
illumination	1x20W	1x20W	2x40W	2x40W	4x40W

ASE-135 Innoculation Chamber or U V Lamp with cabinet. ALPHA™ *Complete S.Steel or Wooden as per demand*

Meant of seasoned teak wood with thick ply-board on top & bottom and plywood on back. Thick non-atting glass provided on two sides and front slanting glass door. Front side slanting parovided with openable glass door for convenient view of the specimens placed inside. Lower portion is provided with glove ports

Other changes will be done on request or as per user specification.

(a) Outsite Size : 40" x 24" x 22"   (b) Outsite Size : 27" x 20" x 16"   (c) Outsite Size : 24" x 24" x 24"

ASE-137 Vertical Laminar Air Flow System ALPHA™

Details same as **ASE-134** But with laminar air flowing down vertically from top towards the work table. Supplied complete with Static Finish S.S. Table Top Transparent front door (5 mm) Static Pressure manometer, Built in U.V germicidal light and cock for gas, air or vacuum line. Other changes will be done on request or as per user specification..

Model	LH-22	LH-32	LH-42	LH-62	LH-82
Working Area	2'x2'x2'	3'x2'x2'	4'x2'x2'	6'x2'x2'	8'x2'x2'
Size of HEPA Filter	2'x2'x6'	3'x2'x6'	4'x2'x6'	3'x2'x6'	4'x2'x6'

Available in following sizes : Complete S.Steel or Wooden as per demand

Model	OLF-32	OLF-34	OLF-36	OLF-38	OLF-42	OLF-62	OLF-82
HEPA Area	3'x2'	3'x4'	3'x6'	3'x6'	4'x2'	6'x2'	6'x2'
No. of HEPA	1	2	3	4	1	2	3

OPTIONAL ACCESSORIES for ASE-134 & 137

(a) Satin Finish S.S. table top
(1) Made out of thick 22 SWG
(2) Made out of thick 18 SWG
(b) Transparent front door.
(c) Static Pressure Manometer.

(d) Built in U.V. Germicidal light.
(e) Protection Lamination film
(f) Cock for gas, air or vacuum line
(g)Exhaust System for 6 feet duct
(h)Exhaust Ducting (per runing feet)

(i) Virus burn out unit.
(j) Manomater
(k) Built in U.V.
(l)Germicidal Light.
(m) Air flow system can be arrange from

top to down words positions or from front to down words positions.