



HORIZONTAL LAMINAR FLOW CABINET

## AICIL Horizontal Laminar Flow Cabinet (wooden/MS/SS)

Our horizontal laminar air flows 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 conditions) the cabinets are fabricated out of thick board duly sun mica clad/stainless steel/mild steel sheet. Interior surfaces are epoxy painted for its longer life. The workable is made of stainless steel sheet. Side panels are made of stainless steel sheet. Side panels are made out of thick transparent plexi glass duly framed. The unit is fitted with 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 air-borne particles of size 0.3 micron and larger. Using a dynamic machine, the blower and motor assembly is statically and dynamically balanced ISI Marked Motor of 1/5 H.P. capacity operates with minimum noise level. The working area is illuminated by fluorescent lights fitted to the unit. Height of the working table provides comfortable "SIT DOWN" working position for the operator. Supplied complete with manometer, UV Light fluorescent light. Standard sizes : 2'/3'/4'/6'/8'/x2'/x2/

Model No.	Working area	HEPA	No. of HEPA filter
AHL-2W/M/S	2'×2'×2'	2'×2'×6'	1
AHL-3W/M/S	3'×2'×2'	3'×2'×6'	1
AHL-4W/M/S	4'×2'×2'	4'×2'×6'	1
AHL-6W/M/S	4'×2'×2'	3'×2'×6'	2

### Options:

- Magnehelic Gauge( To track filter pressure) in of static pressure manometer.
- Electronic filter choke alarm. (differential pressure monitor)
- Microprocessor based digital controller with LCD display.
- Microprocessor based digital controller with LCD display with air velocity sensor and digital display of air velocity across worktable.
- Spare U.V. Germicidal Tube (1.5 feet).
- Spare U.V. Germicidal Tube (3.0 feet).