

Horizontal Laminar Air Flow Cabinet



Horizontal Laminar Air Flow Cabinet is a contamination-free workstation that provides HEPA-filtered air in a horizontal unidirectional flow to protect samples from airborne contaminants during sensitive operations

Airflow Pattern :

- **Horizontal Unidirectional Flow:** HEPA-filtered air flows from the rear of the cabinet directly toward the operator across the work surface.

Applications :

- **Microbiology & Cell Culture Labs :** Avoid contamination during aseptic processing
- **Electronics Assembly :** Dust-free environment for delicate circuitry and sensors.
- **Pharmaceutical Production :** Safe handling of non-hazardous formulations.
- **Food & Beverage Testing :** Clean zone for quality control and microbial testing.

Benefits

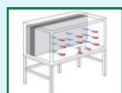
- **Sample/Product Protection :** Prevents contamination during processing.
- **Ergonomic Design :** Comfortable front-access for users.
- **Low Power Consumption :** Energy-efficient blowers and LED lighting.
- **Mobility Options :** Available with caster wheels for easy repositioning.



Product Description

Model	Nominal Width	Inner Chamber (WxDxH) mm	Outer Chamber (WxDxH with Stand) mm
AS-HLAF-2MS 2SS	2 Ft.	610 x 600 x 600 mm	725 x 800 x 2000 mm
AS-HLAF-3MS 3SS	3 Ft.	910 x 600 x 600 mm	1020 x 800 x 2000 mm
AS-HLAF-4MS 4SS	4 Ft.	1210 x 600 x 600 mm	1320x 800 x 2000 mm
AS-HLAF-6MS 6SS	6 Ft.	1800 x 600 x 600 mm	1925 x 800 x 2000 mm

Customized sizes available on request



Horizontal Laminar
Ensure sample protection



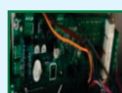
HEPA | ULPA Filter
Single stage of filtration from rear to front



LED Lighting
Bright, Shadow-free illumination of the working area LUX >1000



UV Germicidal Lamp
Ensure chamber sterilization before and after use



Microprocessor Control Panel
Easy programming & display of Fan, UV & Light Setting



Low Noise, High Efficiency
Quiet operation with powerful blower



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