

Vertical Laminar Air Flow Cabinet



Ettore Darvi

The **Vertical Laminar Air Flow Cabinet** is a contamination-free workspace solution designed to protect samples from airborne particulate by providing a constant vertical flow of filtered air across the work surface.

Airflow Pattern :

Air enters from the top of the cabinet and flows downwards in a unidirectional, parallel stream towards the work surface

Applications :

- **Tissue Culture Labs** : Prevent contamination in cell culture work.
- **Electronics Assembly** : Clean handling of sensitive microelectronic parts.
- **Pharmaceutical Compounding** : Safe preparation of non hazardous drugs and sterile solutions.
- **Food Testing & Quality Control** : Contaminant-free workspace for food microbiology.

Benefits :

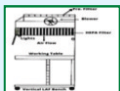
- **Product Protection**: Prevents contamination of samples and products.
- **User-Friendly Operation**: Easy to operate with ergonomic design and low maintenance.
- **Energy Efficient**: Low power consumption with an efficient airflow system.



Product Description

Model	Nominal Width	Inner Chamber (WxDxH) mm	Outer Chamber (WxDxH with Stand) mm
AS-VLAF-2MS 2SS	2 Ft.	605 x 600 x 600 mm	715 x 830 x 2000 mm
AS-VLAF-3MS 3SS	3 Ft.	910 x 600 x 600 mm	1020 x 830 x 2000 mm
AS-VLAF-4MS 4SS	4 Ft.	1220 x 600 x 605 mm	1335 x 850 x 2000 mm
AS-VLAF-6MS 6SS	6 Ft.	1820 x 600 x 605 mm	1930 x 830 x 2000 mm

Customized sizes available on request



Vertical Laminar

Provides uniform downward airflow to protect samples from contamination.



HEPA | ULPA Filter

High-efficiency | Ultra low particulate air filter (99.97% @ 0.3µm | 99.999% @ 0.12µm) ensures ISO Class 5 cleanliness.



LED Lighting

Shadow-free, energy-efficient illumination (LUX > 1000) for clear visibility.



UV Germicidal Lamp

Sterilizes the work area before and after operations



Microprocessor Control Panel

User-friendly control with programmable settings



Low Noise, High Efficiency

Quiet operation with high-performance blower system



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