

AIR SAFE Laminar Air Flow



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The AIRSAFE LAMINAR AIR FLOW has been designed to protect biological specimens by bathing the work area with HEPA/ULPA filtered air that is free of particulate contamination. They were developed as an adjunct to clean room technology (the need to protect the work from contamination). Laminar flow clean benches are work benches or similar enclosures, which have their own filtered air supply. Laminar airflow is airflow in which the entire body of air within a confined area moves in a unidirectional velocity along parallel flow lines. In such cases, the fluid flow is free of macroscopic fluctuations.

The **AIRSAFE LAMINAR AIR FLOW** has been designed so as to meet the requirements of ISO 14644 – 1 providing particle free air to meet cleanliness ISO Class 5.

Features:

Furnished with the help of automated CNC machines, elegant design, Soft Touch operation keys with LCD display & Economical.

Technical Specifications

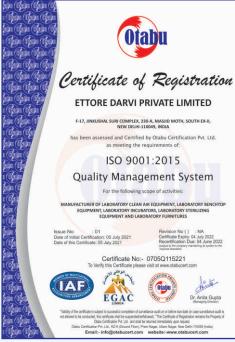
Parameters	Specifications
Model	Horizontal or Vertical
HEPA Filter/ULPA Filter (Optional)	99.995 % efficiency for particles >0.1 μm (ULPA)/ 99.97 % efficiency for particles >0.3 μm (HEPA)
Pre-Filter	85 % efficiency for particles > 5 μm
Cleanliness Class	ISO Class 5 as per ISO 14664 – 1
Air Velocity	0.45 m/s (90 Ft/min) ± 10%
Air Volume	500 cfm
Cabinet	High Quality Stainless Steel 304
Display	LCD Screen
Blow Motor Assembly	Single phase, 1440 RPM dynamically balanced motor, directly coupled with a pair of aluminum centrifugal impeller, provide uniform airflow
Work Surface	High Quality 18 Gauge Stainless Steel 304
Work Tray	Removal Stainless Steel -304 for easy cleaning
Front Sash Door	Door Opening is integrated automatically with Switch OFF & ON UV light
Illumination	High intensity, low wattage >800 lux
UV Light	254 nm (Germicidal Tube) with digital timer
Intelligence Alarm System	Audio & Visual alarm for air fluctuation, HEPA filter and UV light life
Sleep Mode Operation	Automatically reduce to save energy and maintain sterility
Pressure	Differential Pressure Gauge
Base Stand	Provided with lockable castor wheel
Drainage Port	for easy & better cleaning
Noise Level	<65 dB
Standard Accessories	Power sockets (1 No.) inside the working table
Power Supply	220-230 V AC, 50 Hz.
Power Consumption	400 w
Internal Work Space	Available in different Sizes
Certificates	ISO 9001 : 2015 / ISO 13485:2016 IEC 61010:2016 / IEC 61010-1:2016 / IEC 61010-2-40:2016

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Ordering Information

Part No.	Descriptions
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AS-LAF-2H-S	Airsafe Laminar Airflow Horizontal D x H x W (2x2x2Ft)
AS-LAF-3H-S	Airsafe Laminar Airflow Horizontal D x H x W (2x2x3Ft)
AS-LAF-4H-S	Airsafe Laminar Airflow Horizontal DxHxW (2x2x4Ft)
AS-LAF-2V-S	Airsafe Laminar Airflow Vertical D x H x W (2x2x2Ft)
AS-LAF-3V-S	Airsafe Laminar Airflow Vertical D x H x W (2x2x3Ft)
AS-LAF-4V-S	Airsafe Laminar Airflow Vertical D x H x W (2x2x4Ft)
AS-LAF-CUS-S	Customised













Ettore Darvi Pvt. Ltd.