

Horizontal Laminar Air Flow Cabinet

Introducing the Horizontal Laminar Air Flow by Cominus Scientific

Enhance the safety and purity of your laboratory environment with the Horizontal Laminar Air Flow system by Cominus Scientific. Designed with precision and cutting-edge technology, this unit ensures optimal protection and cleanliness for your critical processes. Let's explore the features that make this system a standout choice for your laboratory needs:

- **H14 Rated HEPA Filter:** Our Horizontal Laminar Air Flow system comes equipped with an H14 rated HEPA filter, which effectively captures particles as small as 0.3 microns with an efficiency of 99.99%. This high-performance filter guarantees the removal of airborne contaminants, providing you with a pristine working environment.
- **Durable Construction:** The front door and side panels of the unit are crafted from robust polycarbonate material. Not only does this ensure excellent visibility and illumination, but it also offers exceptional strength and durability. The polycarbonate construction adds an extra layer of protection for your valuable experiments.



Powerful Motor: Equipped with a high-speed 1440 RPM motor, this system ensures efficient and consistent airflow throughout the working area. The motor operates silently, maintaining a quiet working environment while still delivering exceptional performance.

Pre-Filter: The included pre-filter acts as the first line of defence against larger particles and contaminants. It effectively captures dust, hair, and other debris, extending the lifespan of the HEPA filter and minimizing maintenance requirements.

IS 304 Grade Stainless Steel Worktable: The Horizontal Laminar Air Flow system features a worktable made of IS 304 grade stainless steel. This sturdy and corrosion-resistant material provides a hygienic and easy-to-clean surface for your experimental setup, ensuring optimal cleanliness and longevity.

UV Lamp: Our system incorporates a UV lamp to provide an additional layer of protection against airborne microorganisms. This germicidal lamp emits ultraviolet light, effectively neutralizing bacteria, viruses, and fungi, further safeguarding your experiments and personnel.

Experience the highest level of air purity and safety with the Horizontal Laminar Air Flow system by Cominus Scientific. Backed by cutting-edge features, durable construction, and excellent warranty coverage, this system is the ideal choice for laboratories, research facilities, and cleanrooms. Invest in the reliability and performance that your critical processes deserve.

Technical Specifications: -

Model		CM-HLFC-04
Working Dimensions	ft	4 x 2 x 2
Direction of Flow		Horizontal
Particle Retention	micron	0.3 micron and above
MOC for Worktable		IS 304 Grade Stainless Steel
Type of Display		LED
UV Lamp		Yes
LED Fittings		Yes
Cleanliness		ISO Class 5 as per ISO 14644-1
Front Door and Side Panels MOC		Polycarbonate
Inclined Manometer	mm	0-25 mm Range
Castor Wheels		Yes
Filter		HEPA Filter with 99.99% efficiency and H13 Ratings
Power Supply		230 V / 50 Hz, Single Phase
Pre-Filter		5 micron & above retention and 95% of efficiency
Motor Type		Single phase, 1440 RPM motor will be enclosed in PU coated GI casing.
Certifications	Confirmity to Certifications	CE European and US FDA
	Confirmity to Manufacturing	ISO 9001 & ISO 13485
Warranty		1 Year

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