

VELOCITY



VERTICAL LAMINAR FLOW CABINET



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AirBio Vertical Laminar Air Flow Cabinets are crucial for maintaining controlled, particle-free environments across diverse industries. With unidirectional, vertical airflow, they create a sterile workspace by pushing contaminants away, while also protecting operators from harmful substances. The design of AirBio's cabinets minimizes turbulence, ensuring a smoother, more controlled environment.

These cabinets are versatile, supporting applications in microbiology and biotechnology for the sterile handling of microorganisms and sensitive samples. They also safeguard delicate electronic components during assembly and testing, and maintain the sterility of pharmaceutical and healthcare products. AirBio Vertical Laminar Air Flow Cabinets are essential tools for ensuring precision, safety, and sterility across critical fields.

Our expert team is at the forefront of the industry, consistently delivering high-quality clean air solutions to a wide range of sectors, including hospitals, research laboratories, manufacturing facilities, and prominent private and government organizations across India.

VELOCITY KEY FEATURES



LCD Display

1.4.3 inch LCD display with multifunction keys with real time air velocity monitoring and filter loading.



Dual Blower

Dual blower system enables true laminar flow ensuring uniform, streamlined and turbulent free airflow.



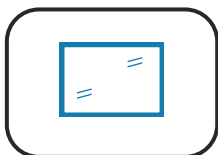
Airflow Velocity

Airflow velocity sensor for real time monitoring of constant airflow profile and to activate alarm in case of fluctuation.



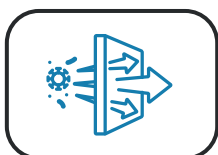
Safety Interlock

Safety interlock function integrates sash, UV lamp and fan operations to ensure safe and efficient operation.



Glass side Window

Glass side window provides user with enhanced visibility, usability and efficiency.



Plenum Box

Front loading plenum box increases ease of maintenance and accessibility.



The AirBio Ethics

At AirBio, we are committed to delivering precision-engineered solutions that redefine safety and efficiency in your workspace. Our BioSafety Cabinets, Fume Hoods, and Laminar Flows are designed to meet the highest standards, ensuring your team and research are always protected. Built with cutting-edge technology and unmatched reliability, our products empower you to focus on innovation without compromise. With AirBio, you're choosing a partner dedicated to safeguarding your success and advancing your mission.

Statistics



100%
Equipment
Quality



40+
Years Team
Experience



6+
Industries
Served



54+
Country
Reach

Trusted by



VELOCITY SPECIFICATIONS

Model	Velocity-300X	Velocity-400X
External Size (W*D*H)mm	1000x720x2120	1310x720x2120
Internal Size (W*D*H)mm	880x595x620	1180x595x620
Work Surface Height	750mm	
Display	4.3 inch LCD display with multifunction keys with real time air velocity monitoring and filter loading.	
Airflow Velocity	Average of 0.3-0.5m/s	
Main Body Material	1.2mm/18 gauge thick galvanized steel with epoxy polyester powder coating.	
Work Surface Material	Dished out Work table 1.2mm/18gauge thick Stainless Steel type 304 with 2B finish	
Side and Front Windows	UV resistant 6mm tempered glass	
Pre-filter	Polyester fiber, washable	
HEPA filter	99.999% efficiency at 0.3 μm	
Noise	<65db	
Front Window	manual operated counterbalanced sash	
Max opening	430mm	430mm
LED Lamp	12W-1	16W 1
UV Lamp	30W-1	40W 1
Consumption	400W	
Waterproof Socket	One, total load≤5000W	
Caster	Universal caster with levelling feet	
Power Supply	220V 50Hz	
Standard Accessory	Cabinet Base stand, LED lamp, UV lamp, Drain ball valve, Socket & Arm rest	
Optional Accessory	Height adjustable base stand and motorized front window.	
Gross Weight	119kg	132 KG



AirBio Technologies Pvt. Ltd.



Manufacturing Facility

11/32, Sahibabad Industrial Area Site IV,
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Corporate Office

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