Equipaxis
Where Innovation meets Precision

Laminar Airflow-Horizontal

The horizontal laminar flow system delivers a constant, unidirectional stream of filtered air across the workspace, minimizing the risk of contamination by preventing particles and microorganisms from entering the working area.

HEPA Filtration for Superior Air Quality
Equipped with a high-efficiency particulate air (HEPA) filter, the unit ensures that the air entering the workspace is free from harmful particles, providing an ultra-clean environment for sensitive experiments, sample handling, or sterile work.

Ergonomic and Spacious Work Area
The horizontal design allows for a wide, easily accessible workspace, providing ample room for large containers or equipment. Its ergonomic features ensure comfortable operation, even during prolonged use, reducing strain for laboratory personnel.

Reliable and Low Maintenance Operation
Equipaxis Horizontal Laminar Flow Hood is built for long-term reliability, offering easy maintenance and efficient airflow. The simple filter replacement and monitoring system ensure that the unit remains in top working condition with minimal effort.

Model	EA171
Item	Laminar Airflow
Type of air flow direction	Horizontal
Size of the working area(W×D×H) (feets)	3'x2'x2' (914x600x600mm)
Construction of Body	Stainless Steel
Type of front Door	Manual sliding
Material used for the front door	Clear, U.V. Resistant Poly Carbonate Sheet
Material used for the Side panels	Clear, U.V. Resistant Poly Carbonate Sheet
Laminar air flow Velocity (m/s)	0.26 to 0.38
Type of light	LED
Number of LED lamps	1
Noise level (±5) in DB	65
Availability of Pre-Filter(washable) for air filtration with 10 microns	YES
Availability of HEPA filter	0.3 Microns
Availability of air/gas cock	YES

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Model	EA172
Item	Laminar Airflow
Type of air flow direction	Horizontal
Size of the working area(W×D×H) (feets)	4'x2'x2' (1220x600x600mm)
Construction of Body	Stainless Steel
Type of front Door	Manual sliding
Material used for the front door	Clear, U.V. Resistant Poly Carbonate Sheet
Material used for the Side panels	Clear, U.V. Resistant Poly Carbonate Sheet
Laminar air flow Velocity (m/s)	0.26 to 0.38
Type of light	LED
Number of LED lamps	1
Noise level (±5) in DB	65
Availability of Pre-Filter(washable) for air filtration with 10 microns	YES
Availability of HEPA filter	0.3 Microns
Availability of air/gas cock	YES

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Model	EA173
Item	Laminar Airflow
Type of air flow direction	Horizontal
Size of the working area(W×D×H) (feets)	6'x2'x2' (1828x600x600mm)
Construction of Body	Stainless Steel
Type of front Door	Manual sliding
Material used for the front door	Clear, U.V. Resistant Poly Carbonate Sheet
Material used for the Side panels	Clear, U.V. Resistant Poly Carbonate Sheet
Laminar air flow Velocity (m/s)	0.26 to 0.38
Type of light	LED
Number of LED lamps	1
Noise level (±5) in DB	65
Availability of Pre-Filter(washable) for air filtration with 10 microns	YES
Availability of HEPA filter	0.3 Microns
Availability of air/gas cock	YES

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Laminar Airflow-Vertical

Unidirectional Vertical Airflow for Maximum Cleanliness
The vertical airflow system ensures that clean, filtered air flows downward in a uniform, unidirectional pattern, maintaining a sterile environment by pushing contaminants away from the work area and out of the workspace.

High-Quality HEPA Filtration
Equipped with a HEPA filter, the unit provides highly effective particle removal, ensuring that the air entering the work area is free of dust, microbes, and other contaminants, making it ideal for critical applications requiring contamination control.

Spacious and Ergonomic Workspace
The vertical laminar flow design provides ample space for laboratory equipment, petri dishes, and other materials. Its ergonomic design ensures a comfortable working height, reducing strain during extended use while maximizing workspace efficiency.

Reliable and Low Maintenance
Equipaxis Vertical Laminar Flow Hood is designed for long-lasting performance with easy-to-maintain components. Regular filter replacements and simple system checks ensure that the unit continues to deliver high-efficiency airflow and contamination control with minimal maintenance

Model	EA174
Item	Laminar Airflow
Type of air flow direction	Vertical
Size of the working area(W×D×H) (feets)	3'x2'x2' (916x600x600mm)
Construction of Body	Stainless Steel
Type of front Door	Manual sliding
Material used for the front door	Clear, U.V. Resistant Poly Carbonate Sheet
Material used for the Side panels	Clear, U.V. Resistant Poly Carbonate Sheet
Laminar air flow Velocity (m/s)	0.26 to 0.38
Type of light	LED
Number of LED lamps	1
Noise level (±5) in DB	65
Availability of Pre-Filter(washable) for air filtration with 10 microns	YES
Availability of HEPA filter	0.3 Microns
Availability of air/gas cock	YES

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Model	EA175
Item	Laminar Airflow
Type of air flow direction	Vertical
Size of the working area(W×D×H) (feets)	4'x2'x2' (1220x600x600mm)
Construction of Body	Stainless Steel
Type of front Door	Manual sliding
Material used for the front door	Clear, U.V. Resistant Poly Carbonate Sheet
Material used for the Side panels	Clear, U.V. Resistant Poly Carbonate Sheet
Laminar air flow Velocity (m/s)	0.26 to 0.38
Type of light	LED
Number of LED lamps	1
Noise level (±5) in DB	65
Availability of Pre-Filter(washable) for air filtration with 10 microns	YES
Availability of HEPA filter	0.3 Microns
Availability of air/gas cock	YES

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Reliable and Low Maintenance
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Model	EA176
Item	Laminar Airflow
Type of air flow direction	Vertical
Size of the working area(W×D×H) (feets)	6'x2'x2' (1828x600x600mm)
Construction of Body	Stainless Steel
Type of front Door	Manual sliding
Material used for the front door	Clear, U.V. Resistant Poly Carbonate Sheet
Material used for the Side panels	Clear, U.V. Resistant Poly Carbonate Sheet
Laminar air flow Velocity (m/s)	0.26 to 0.38
Type of light	LED
Number of LED lamps	1
Noise level (±5) in DB	65
Availability of Pre-Filter(washable) for air filtration with 10 microns	YES
Availability of HEPA filter	0.3 Microns
Availability of air/gas cock	YES