



VERTICAL LAMINAR AIRFLOW BKI-901

VERTICAL LAMINAR AIRFLOW BKI-901

LAMINAR FLOW HOOD



1. Airflow direction: It uses a vertical downward airflow. Air is drawn from the top of the cabinet, passed through a HEPA (High-Efficiency Particulate Air) filter, and then flows downward over the work surface, creating an uncontaminated zone.
2. Particle removal: The laminar flow of air helps to remove particles, dust, and microorganisms from the workspace, ensuring a clean environment for sensitive procedures, such as tissue culture, microbiology, or pharmaceutical operations.
3. Protection: The cabinet provides protection for the samples being worked on, but not necessarily for the operator. It is not a biological safety cabinet and does

SPECIFICATIONS

Model	BKI-901
Internal Size (W*D*H)	720*550*590mm
External Size(W*D*H)	820*650*990mm
Overall structure	Ready to use, no need assemble onsite, no need ductwork
Weight (Filters included)	40Kg
Main Materials	Polycarbonate and polypropylene
Max Purified Air Volume	5.6 m ³ /min
Airflow Rate & Blower speed	Adjustable
Low air flow Alarm	visually and audibly
Alt Name	Laminar Flow Hood

FEATURES

1. Airflow direction: It uses a vertical downward airflow. Air is drawn from the top of the cabinet, passed through a HEPA (High-Efficiency Particulate Air) filter, and then flows downward over the work surface, creating an uncontaminated zone.
2. Particle removal: The laminar flow of air helps to remove particles, dust, and microorganisms from the workspace, ensuring a clean environment for sensitive procedures, such as tissue culture, microbiology, or pharmaceutical operations.
3. Protection: The cabinet provides protection for the samples being worked on, but not necessarily for the operator. It is not a biological safety cabinet and does not provide the same level of protection against infectious agents.
4. Work surface: The work area is typically open, allowing for easy access and manipulation of materials. Vertical Laminar Flow Hoods are commonly used in research, manufacturing, and quality control laboratories where a clean and particle-free workspace is necessary but not necessarily a biological containment requirement.

APPLICATIONS

A Laminar Flow Hood, also known as Clean Bench, is a piece of laboratory equipment designed to provide a sterile or clean working environment by removing contaminants from the air.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com