Clean Bench/ Laminar Airflow Cabinet

Model **HC-V120** | Brand **Master Science** | Unit **Pc**



Vertical Laminar Clean Bench

TopAir's Value Line Vertical Laminar Clean Benches provide a controlled environment for applications requiring Class 100/ISO 5 cleanliness. Designed for diverse industries such as healthcare, pharmaceuticals, and electronics, the clean bench features advanced filtration and air purification technologies to maintain optimal cleanliness levels.

KEY HIGHLIGHTS

- Why Choose TopAir's Clean Benches?

Request a Quotation
Contact us for pricing, configuration options and delivery details.

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Overview

TopAir's Vertical Laminar Clean Benches combine innovative filtration technologies, user-friendly controls, and durable construction to create a versatile, clean, and safe workspace. Designed to cater to strict cleanliness requirements, the Value Line delivers consistent performance for sensitive processes and environments.

- Airflow system tested to comply with USA Federal Standard 209E, ISO 14644-1, and CE certifications.
- High-efficiency HEPA filter with 99.9995% efficiency at 0.3 microns (optional ULPA filter available).
- Complies with USA Federal Standard 209E, ISO 14644-1, and CE standards, ensuring reliability and quality.

Additional Features

HIGH-EFFICIENCY QUIET EC FAN FOR NOISE CONTROL (<54 DB).

UV Germicidal Light (254 nm) with a safety interlock mechanism.

ACADEMIC RESEARCH FACILITIES.

Why Choose TopAir's Clean Benches?

Technical Specifications

GENERAL

General	Outer Dimensions47.2" x 33.4" x 47.2" (1200x850x1220 mm)
General	Workspace42.1" x 24.4" x 23.6" (1070x620x600 mm)
General	CleanlinessClass 100 (FS 209E) / ISO-5
General	Air Velocity0.33 m/s (66 fpm)
General	Noise Level<54 dB
General	Power Supply110/220V, 50/60 Hz, Single Phase
General	Hood MaterialMetal epoxy-coated paint
General	Worktop MaterialStainless Steel SUS 304
General	FiltersHEPA (99.9995% @ 0.3 microns H14)
General	Illumination800 lux LED lighting

CLEAN AIR ENVIRONMENT

Clean Air Environment	Class 100/ISO 5 cleanliness level.

ROBUST STRUCTURE

Robust Structure	Durable metal structure with epoxy-coated paint.
Robust Structure	304 stainless steel work surface for easy cleaning and corrosion resistance.
Robust Structure	Transparent tempered glass side windows for visibility.
Robust Structure	Front sliding sash with a counterweight for safety and usability.

RED LIGHT ALERT FOR AIR VELOCITY FAILURE

Red Light Alert for air velocity failure	Red light switches on in case of failure.
Red Light Alert for air velocity failure	System shuts down automatically for safety.
Red Light Alert for air velocity failure	Facilitates convenient detection of issues, even for the hearing impaired.

HIGH-TECH CONTROLS AND CONVENIENCE

High-Tech Controls and Convenience	Microprocessor-based control system with a 7” color touchscreen display.
High-Tech Controls and Convenience	10-speed fan control for customizable airflow.
High-Tech Controls and Convenience	Airflow display and filter replacement alarms for proactive maintenance.
High-Tech Controls and Convenience	Multi-language interface with metric/imperial units for global compatibility.