



Value Line Metal Horizontal Air Flow Laminar Clean Bench

TopAir's Value line provides high-quality Horizontal Laminar Clean Benches built with a metal structure. Clean benches are designed to supply a clean controlled work environment meeting a Class 100/ISO 5 Cleanliness level. The clean bench is tested according to USA Federal Standard 209E/ISO 14644-1/CE.

TopAir's clean benches draw air from the room or hall space, pass it through a HEPA filter using a fan, and then distribute the clean air across the working area. In Horizontal benches, the filtered air is directed downwards through a filter installed at the back of the bench.

Structure:

- Metal epoxy-coated oven tempered paint
- Work surface made of 304 stainless steel
- Side windows made of tempered glass
- Front sliding sash with counterweight

Red Light Alert:

Whenever there is an air velocity failure, a red light inside the unit switches on, and the system automatically switches off. This enables convenient detection of failures from a distance, facilitating notice even for the hearing-impaired.

- Microprocessor control system with 7" color touchscreen display
- Fan control with 10 speeds
- Airflow display and alarm
- Filter replacement alarm
- High efficiency quiet EC fan
- Germicidal waterproof UV light (254 nm) system and safety interlock mechanism
- 800 lux LED lighting
- UV light
- 2 universal electrical outlets
- Metal stand with casters
- Multi-language control with metric or Imperial units
- Certifications: Compliance with US Federal Standard 209E / ISO 14644-1 / CE
- Optional Integrated particle monitoring system (IPMS)



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Spec/ Model	HC-H090	HC-H120	HC-H150	HC-H180
Outer Dimensions WxDxH	35.4 x 36.6 x 47.2" 900 x 930 x 1220mm	47.2 x 36.6 x 47.2" 1200 x 930 x 1220mm	59 x 36.6 x 47.2" 1500 x 930 x 1220mm	70.8 x 36.6 x 47.2" 1800 x 930 x 1220mm
WE CAN CUSTOMIZE ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS				
Workspace (W x D x H)	30.3 x 24.4 x 23.6" 770 x 620 x 600mm	42.1 x 24.4 x 23.6" 1070 x 620 x 600mm	53.9 x 24.4 x 23.6" 1370 x 620 x 600mm	65.7 x 24.4 x 23.6" 1670 x 620 x 600mm
Test Standard	USA Federal Standard 209E / ISO-14644-1, CE			
Air Velocity m/s	0.33 m/s, 66 fpm			
Cleanliness in Workstation	Class-100 (FS 209E) ISO-5, ISO-14644-1			
Hood Material	Metal epoxy-coated paint			
Worktop Material	Stainless steel 304			
Noise Level (Tested 20 cm from worktop, 1.2 m / 48" above ground)	<52dB	<54dB	<56dB	<56dB
Power Supply	110 / 220 V, 50/60 Hz, Single phase			
Illumination	800 LUX LED lighting			
Filters	HEPA Filter Efficiency of 99.9995% at 0.3 microns H14 (Optional ULTRA filter)			