

# Metal Vertical Laminar Clean Bench



TopAir provides high quality, safe Vertical Laminar Clean Benches. The clean benches suck air from the room or hall space, transfer the air through a HEPA filter using a fan, and then clean the bench area with filtered air.

In vertical benches, the filtered air is channeled downwards through a filter installed at the top of the bench.

All components are produced by leading global companies such as AAF USA.

### Advanced Operation System:

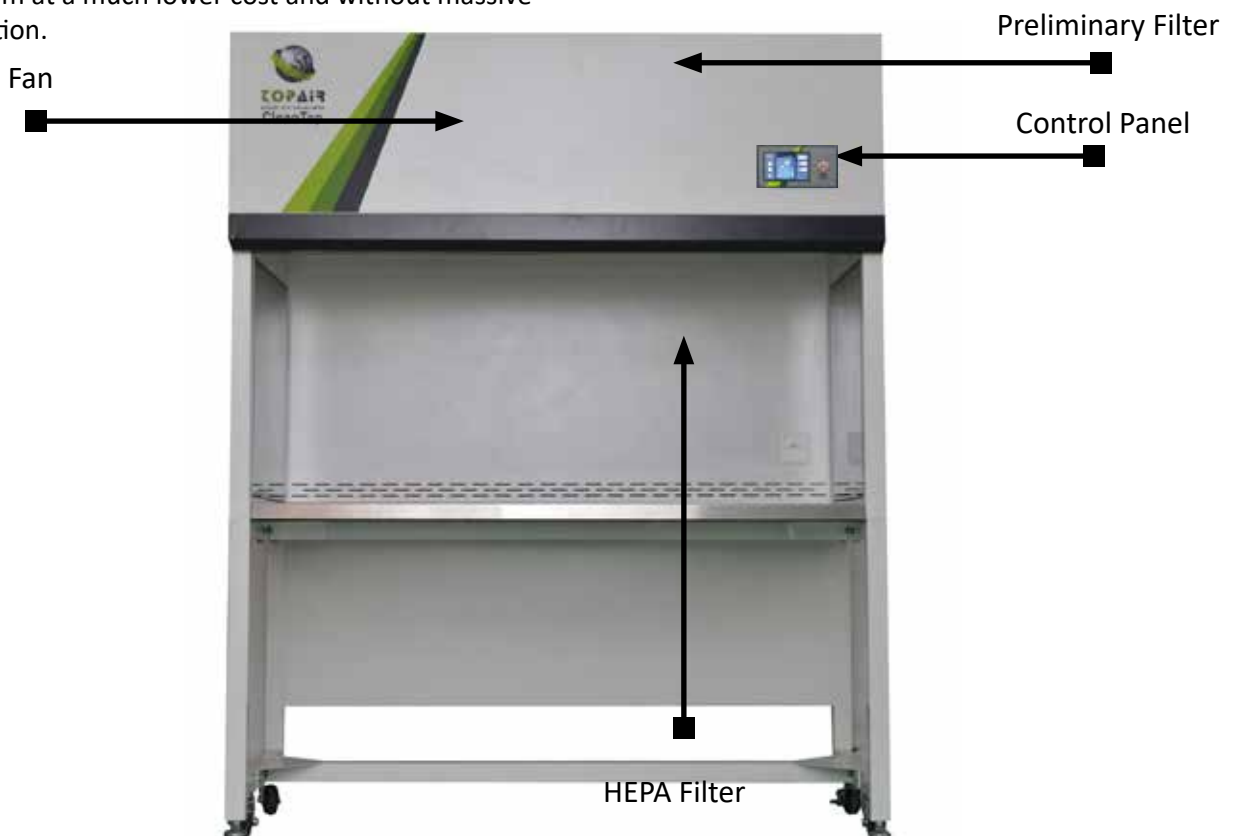
- Color 5" touch screen
- 10-speed fan
- Hour counter for filter
- Filter replacement alarm

The clean bench complies with Test Standard **USA Federal Standard 209E / ISO 14644-1 / CE** and is customized to the specifications of each client.

Clean benches are designed to supply a clean controlled work environment meeting Class 100/ISO5 cleanliness standard, resembling a clean room, with the additional advantages of portability and small dimensions.

Clean benches provide a high quality alternative to a clean room at a much lower cost and without massive construction.

- Vertical air stream producing clean air at ISO5/ CLASS100 or ISO4/Class10 standards
- Massive epoxy-coated and oven tempered metal structure assures stability, preventing bench movements throughout sensitive operations.
- Work surface made of 304 stainless steel
- Side windows made of tempered glass
- High efficiency quiet EC fan
- Optional stand
- Universal electrical outlet
- Innovative, advanced design
- Variety of sizes and materials
- Eco-friendly, cost-effective LED lighting
- **Compliance with Test Standard: US Federal Standard 209E / ISO-14644-1 / CE**



# Models

Spec/Model	HC-V090	HC-V120	HC-V150	HC-V180
Outer Dimensions	900 x 810 x 1350 mm	1200 x 810 x 1350 mm	1500 x 810 x 1350 mm	1800 x 810 x 1350 mm
W x D x H	35 x 31.9 x 53.1"	47.2 x 31.9 x 53.1"	59 x 31.9 x 53.1"	70.8 x 31.9 x 53.1"
<b>WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS</b>				
Workspace	770 x 660 x 750 mm	1070 x 660 x 750 mm	1370 x 660 x 750 mm	1670 x 660 x 750 mm
(W x D x H)	30.3 x 26 x 29.5"	42.1 x 26 x 29.5"	53.9 x 26 x 29.5"	65.7 x 26 x 29.5"
Test Standard	USA Federal Standard 209E / ISO-14644-1, CE			
Air Velocity m/s	0.3 m/s, 60 FPM			
Cleanliness in Workstation	Class-100 (FS 209E) ISO 4, ISO-14644-1			
Hood Material	High grade cold rolled steel and surface is static powder coated			
Work Table Material	Stainless steel SUS 304			
Noise (Tested 20 cm from the work table, 1.2m above ground)	<50dB	<50dB	<54dB	<54dB
Power Supply	110 / 220V, 50/60 Hz, Single phase			
Illumination	800 LUX LED lighting			
Filter	HEPA Filter Efficiency of 99,9995% at 0.3 Microns H14 (Optional ULPA filter)			

# Accessories

Spec/Model	HC-090	HC-120	HC-150	HC-180
Stand	HC-090-ST	HC-120-ST	HC-150-ST	HC-180-ST
Combined UV light and front sash	HC-090-UV-FS	HC-120-UV-FS	HC-150-UV-FS	HC-180-UV-FS
Separated "floating" table	HC-090-VB	HC-120-VB	HC-150-VB	HC-180-VB

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