

# Metal Horizontal Laminar Clean Bench



TopAir provides high quality, safe Horizontal Laminar Clean Benches. TopAir's 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 horizontal benches, the filtered air flows through a filter installed at the back of the bench toward the staff.

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 can be 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.

- Horizontal air stream producing clean air in compliance with ISO5/ CLASS100 or ISO4/Class10 standards (depending on the filter installed).
- Massive epoxy coated, oven-tempered metal structure assures stability, preventing movement during 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; optional stand
- Eco-friendly, cost-effective LED lighting
- **Compliance with Test Standard: US Federal Standard 209E / ISO-14644-1 / CE**



# Models

Spec/Model	HC-H090	HC-H120	HC-H150	HC-H180
<b>Outer Dimensions</b>	900 x 890 x 1250 mm	1200 x 890 x 1250 mm	1500x 890 x 1250 mm	1800 x 890 x 1250 mm
<b>W x D x H</b>	40.5 x 35 x 49.2	47.2 x 35 x 49.2	59 x 35 x 49.2	70.8 x 35 x 49.2
<b>WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS</b>				
<b>Workspace</b>	770 x 610 x 640 mm	1070 x 610 x 640 mm	1370 x 610 x 640 mm	1670 x 610 x 640 mm
<b>(W x D x H)</b>	30.3 x 24 x 25.2"	47.1 x 24 x 25.2"	53.9 x 24 x 25.2"	65.7 x 24 x 25.2"
<b>Test Standard</b>	US Federal Standard 209E / ISO 14644-1			
<b>Air Velocity m/s</b>	0.3 m/s, 60 FPM			
<b>Cleanliness within Workstation</b>	Class-100 (FS 209E) ISO 4, ISO-14644-1			
<b>Hood Material</b>	High grade cold rolled steel and surface is static powder coated			
<b>Work Table Material</b>	Stainless steel SUS 304			
<b>Noise (Tested 20 cm from the work table, 1.2m above ground)</b>	<50dB	<50dB	<54dB	<54dB
<b>Power Supply</b>	110 / 220V, 50/60 Hz, Single phase			
<b>Illumination</b>	800 LUX LED lighting			
<b>Filter</b>	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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