

# Polypropylene Horizontal PRO Laminar Clean Bench



TopAir provides high quality, secure 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 manufactured by leading global companies, such as AAF USA.

### Advanced Operation System:

- 7" screen with air velocity display
- Automatic air velocity control
- Hour timer for filter
- Filter replacement alarm

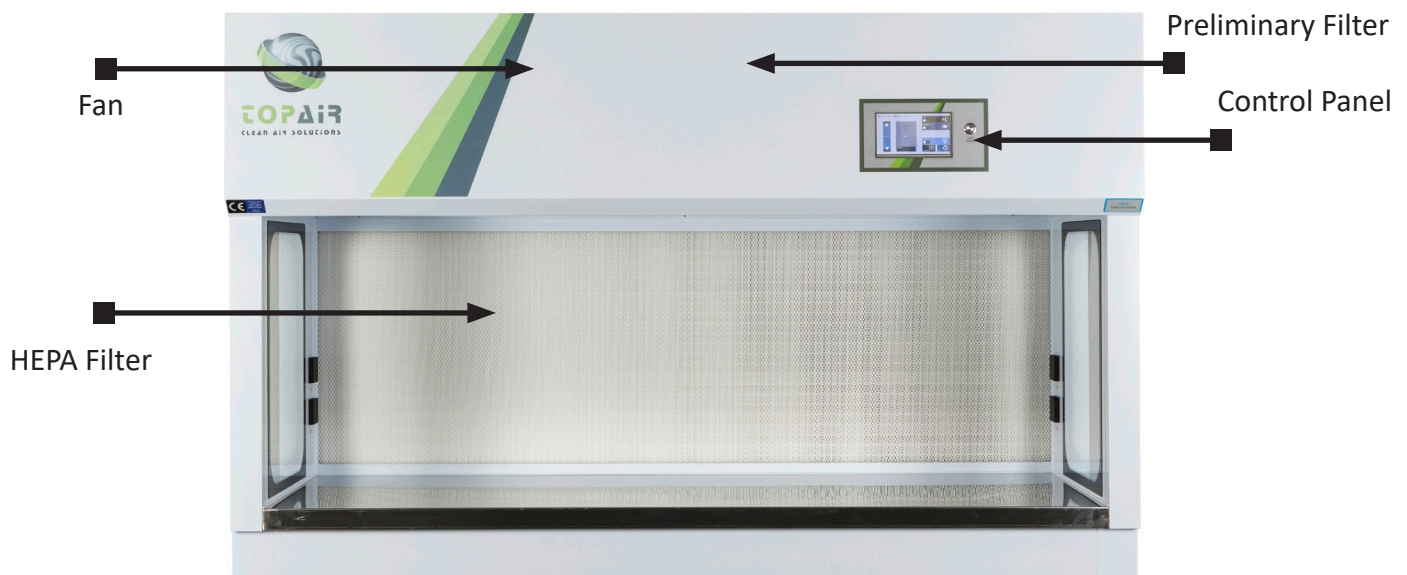
**Red Light Alert:** Whenever there is an air velocity failure, a red light inside the unit switches on and the system light automatically switches off. This enables convenient detection of failures from a distance, even by hearing-impaired people.

The clean bench complies with **Test Standard USA Federal Standard 209E / ISO 14644-1 / CE** and can be customized to customer requirements.

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).
- Work surface made of 304 stainless steel
- Side windows made of tempered glass
- 7" screen with air velocity display
- Automatic configuration for air velocity
- High efficiency quiet EC fan
- Metal stand
- Front window
- UV light
- Universal electrical outlet
- Eco-friendly, cost-effective LED lighting
- **Compliance with Test Standard: US Federal Standard 209E / ISO 14644-1 / CE**



# Models

Spec/Model	HC-H090P	HC-H120P	HC-H150P	HC-H180P
<b>Outer Dimensions</b>	900 x 930 x 1200 mm	1200 x 930 x 1200 mm	1500 x 930 x 1200 mm	1800 x 930 x 1200 mm
<b>W x D x H</b>	35.4 x 36.6 x 47.2"	47.2" x 36.6 x 47.2"	59 x 36.6 x 42.2"	70.8 x 36.6 x 47.2"
<b>WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS</b>				
<b>Workspace</b>	770 x 620 x 600 mm	1070 x 620 x 600 mm	1370 x 620 x 600 mm	1670 x 620 x 600 mm
<b>(W x D x H)</b>	30.3 x 24.4 x 23.6"	42.1 x 24.4 x 23.6"	53.9 x 24.4 x 23.6"	65.7 x 24.4 x 23.6"
<b>Test Standard</b>	USA Federal Standard 209E / ISO-14644-1, CE			
<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>	Polypropylene			
<b>Work Table Material</b>	Stainless steel SUS 304			
<b>Noise</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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