Eco Polypropylene Vertical Laminar Clean Bench

TopAir provides cost effective Vertical Laminar Clean Benches. 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 bench area. In vertical benches, the filtered air is directed downwards through a filter installed at the top of the bench.

Structure:
- 8 mm welded Polypropylene with high chemical resistance
- Polypropylene worktop

- Analog control panel
- High efficiency quiet EC fan with speed adjustment
- LED lighting 600 lux
- Optional front sliding sash and UV light
- Optional metal stand and casters
- Compliance with Test Standard: US Federal Standard 209E / ISO 14644-1 / CE

Eco Polypropylene Vertical Laminar Clean Bench

Spec/ Model	ECO-HC-V090-PP	ECO-HC-V120-PP	ECO-HC-V150-PP	ECO-HC-V180-PP
Outer Dimensions W x D x H	35.4 x 21.9 x 43.5" 900 x 558 x 1105 mm	47.2 x 21.9 x 43.5" 1200 x 558 x 1105 mm	59 x 21.9 x 43.5" 1500 x 558 x 1105 mm	70.8 x 21.9 x 43.5" 1800 x 558 x 1105 mm
WE CAN CUSTOMIZE ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS				
Workspace (W x D x H)	34.6 x 17.7 x24" 880 x 450 x 600 mm	46.4 x 17.7 x 24" 1180 x 450 x 600 mm	58.26 x 17.7 x24" 1480 x 450 x 600 mm	70 x 17.7 x 24" 1780 x 450 x600 mm
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, IOS-14644-1			
Hood Material	Polypropylene			
Worktop Material	Polypropylene			
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	600 lux LED lighting			
Filters	HEPA Filter Efficiency of 99.9995% at 0.3 microns			

Models

Unit size	90 cm/ 36"	120 cm / 48"	150 cm / 59"	180 cm / 70"
Vertical Cabinet Stand	ECO-HC-V090-ST	ECO-HC-V120-ST	ECO-HC-V150-ST	ECO-HC-V180-ST