

# About TopAir Systems



TopAir Systems is a supplier of superior clean air and containment solutions. TopAir clean air solutions are used in laboratories and manufacturing facilities within chemical/biological plants, universities, research & development facilities and hospitals, as well as in the electronics, semiconductor and pharmaceutical industries. The company's customer base spans several continents, with active sales in Europe, North & South America and Africa.

At TopAir Systems customer satisfaction comes first: The company exercises a flexible approach, customizing products in accordance with customer requests regarding dimensions, technical specifications and accessories. Moreover, TopAir Systems offers a variety of products and models to accommodate and cover customer needs. Finally, the company does the utmost to develop cost-effective solutions of the highest quality, to ensure customer satisfaction.

Product safety is a top priority: The most stringent guidelines are implemented to ensure the wellbeing of lab and manufacturing personnel, and significant efforts are invested in attaining relevant certifications.

TopAir is strongly committed to innovation, continuously reviewing new technologies as they emerge and investing significant resources in R&D in order to provide customers with the most advanced features in the market.



Active Polypropylene  
Fume Hood



Biosafety Cabinet



PCR Unit



VAV System

# Polypropylene Vertical Laminar Clean Bench



TopAir provides high-quality, safe Vertical 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 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.

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.

The Clean Bench complies with production/test standard **USA Federal Standard 209E / ISO 1- 144641** and can be customized to customer requirements.

- Vertical air stream producing clean air at ISO-5/ CLASS100 or ISO4/Class10 standards
- Polypropylene structure with high chemical resistance
- User-friendly digital control system
- Work surface made of 304 stainless steel
- Side windows made of tempered glass
- High quality, quiet fan
- Noise level < 58 DBA
- Universal electrical outlet
- Innovative, advanced design
- Variety of sizes and materials; optional stand
- Eco-friendly, cost-effective LED lighting
- Compliance with production/test standard: US Federal Standard 209E / ISO-14644-1



# Models

**CUSTOM SIZES AVAILABLE!**

Spec/Model	HC-V090P	HC-V120P	HC-V150P	HC-V180P
Outer Dimensions	1030 x 760 x 1250 mm	1330 x 760 x 1250 mm	1630 x 760 x 1250 mm	1930 x 760 x 1250 mm
W x D x H	40.5 x 30 x 49.2"	52.3 x 30 x 49.2"	64.1 x 30 x 49.2"	76 x 30 x 49.2"
Workspace	900 x 660 x 750 mm	1200 x 660 x 750 mm	1500 x 660 x 750 mm	1800 x 660 x 750 mm
(W x D x H)	35.4 x 26 x 29.5"	47.2 x 26 x 29.5"	59 x 26 x 29.5"	70.8 x 26 x 29.5"
Production / 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 5, ISO-14644-1			
Hood Material	Polypropylene			
Work Table Material	Stainless steel SUS 304			
Noise	<58dB	<58dB	<60dB	<62dB
Test Location	(Tested 20 cm from the work table, 1.2m above ground)			
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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