

Polypropylene Vertical PRO 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.

Advanced Operation System:

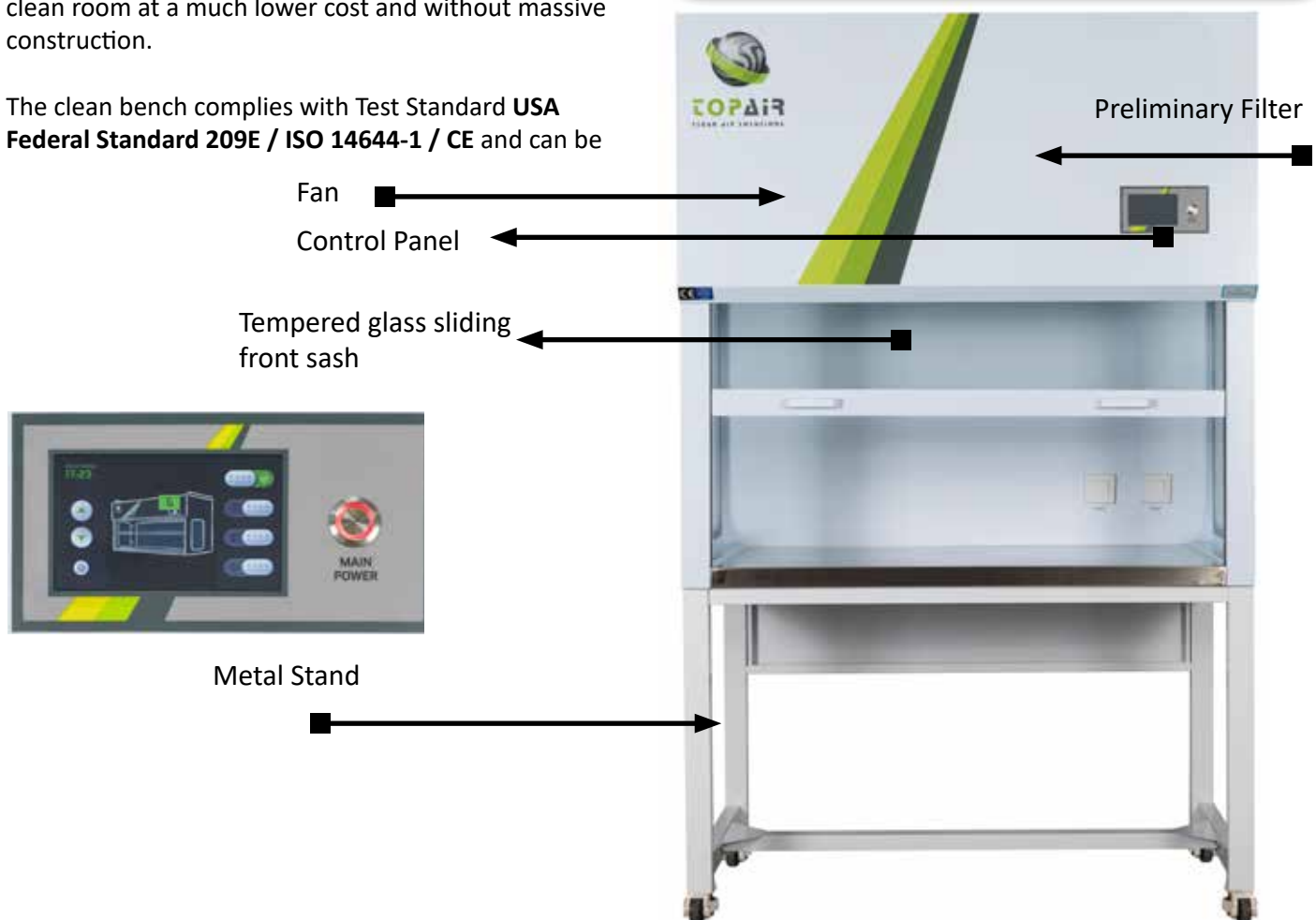
- 7" screen with air velocity display
- Automatic configuration for air velocity
- 10-speed fan
- Hour counter for filter
- Filter replacement alarm

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 Test Standard **USA Federal Standard 209E / ISO 14644-1 / CE** and can be

- Vertical air stream producing clean air in compliance with ISO5/ CLASS100 or ISO4/Class10 standards (depending on the filter installed)
- Polypropylene structure with high chemical resistance
- 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-V090PP-PRO | HC-V120PP-PRO | HC-V150PP-PRO | HC-V180PP-PRO |
|----------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------|-------------------------------------------|
| Outer Dimensions W x D x H | 900 x 760 x 1250 mm 35.4 x 30 x 49.2" | 1200 x 760 x 1250 mm 47.2 x 30 x 49.2" | 1500 x 760 x 1250 mm 59 x 30 x 49.2" | 1800 x 760 x 1250 mm 70.8 x 30 x 49.2" |
| WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS | | | | |
| Workspace (W x D x H) | 770 x 660 x 750 mm 30.3 x 26 x 29.5" | 1070 x 660 x 750 mm 42.1 x 26 x 29.5" | 1370 x 660 x 750 mm 53.9 x 26 x 29.5" | 1670 x 660 x 750 mm 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 | Polypropylene | | | |
| 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 |

Authorised distributor

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