

Metal Vertical Laminar Clean Bench



TopAir provides high quality, safe Vertical Laminar Clean Benches. The 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:

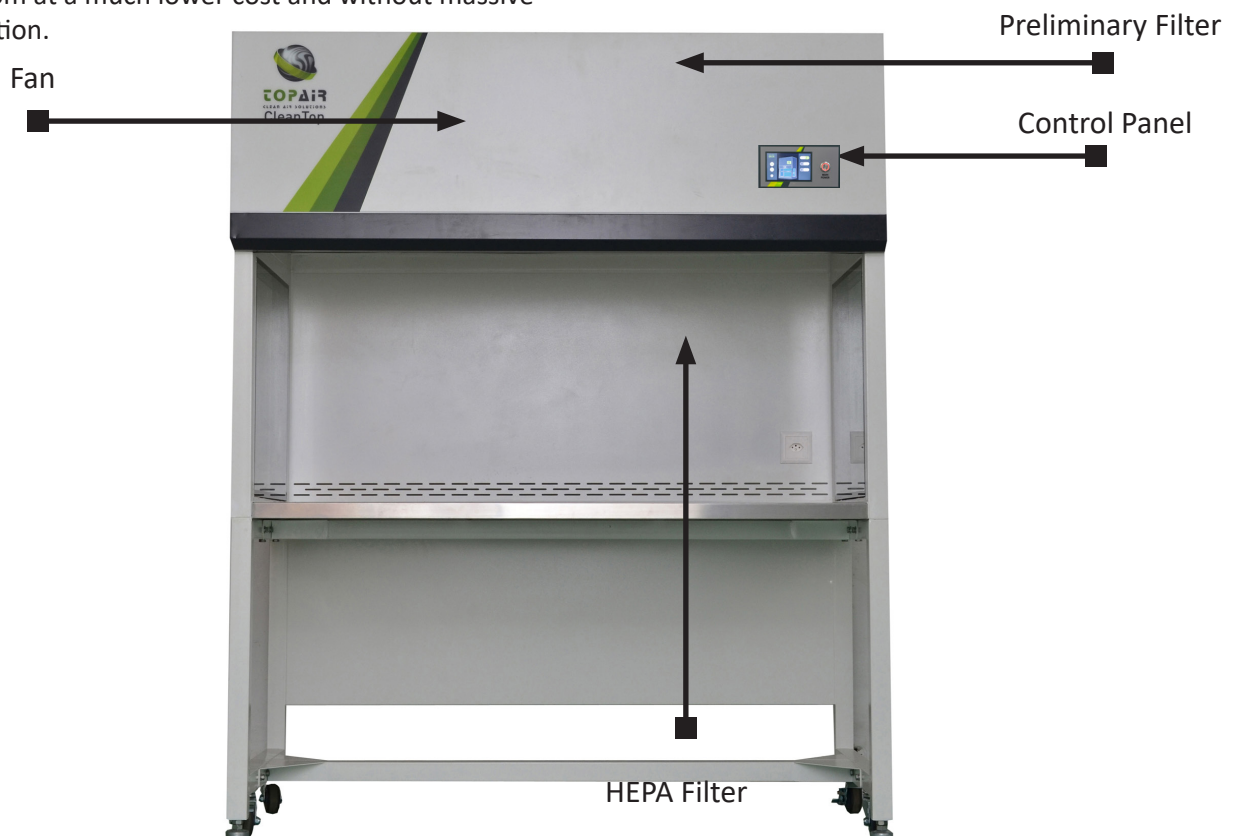
- Color 5" touch screen
- 10-speed fan
- Hour counter for filter
- Filter replacement alarm

The clean bench complies with Test Standard **USA Federal Standard 209E / ISO 14644-1 / CE** and is 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.

- Vertical air stream producing clean air at ISO5/ CLASS100 or ISO4/Class10 standards
- Massive epoxy-coated and oven tempered metal structure assures stability, preventing bench movements throughout 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
- Eco-friendly, cost-effective LED lighting
- **Compliance with Test Standard: US Federal Standard 209E / ISO-14644-1 / CE**



Models

| Spec/Model | HC-V090 | HC-V120 | HC-V150 | HC-V180 |
|--|--|----------------------|----------------------|----------------------|
| Outer Dimensions | 900 x 810 x 1350 mm | 1200 x 810 x 1350 mm | 1500 x 810 x 1350 mm | 1800 x 810 x 1350 mm |
| W x D x H | 35 x 31.9 x 53.1" | 47.2 x 31.9 x 53.1" | 59 x 31.9 x 53.1" | 70.8 x 31.9 x 53.1" |
| WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS | | | | |
| Workspace | 770 x 660 x 750 mm | 1070 x 660 x 750 mm | 1370 x 660 x 750 mm | 1670 x 660 x 750 mm |
| (W x D x H) | 30.3 x 26 x 29.5" | 42.1 x 26 x 29.5" | 53.9 x 26 x 29.5" | 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 | High grade cold rolled steel and surface is static powder coated | | | |
| 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 |

Tel : 1-855-6-TOPAIR International: +1-855-686-7247 Email: sales@topairsystems.com
 www.topairsystems.com | Headquarters: 300 First Avenue, Suite 102, Needham, MA 02494 USA