



Catalog Number: 3970421

Overview

Purifier Vertical Clean Benches direct HEPA-filtered air downward over the work area to provide ISO Class 5 (formerly Class 100) conditions and protect your work from particulate contamination. Applications for clean benches include plant tissue culture, media plate preparation, electronics inspection, medical device assembly and pharmacy drug preparation. Because they do not provide protection to the user, they should not be used in conjunction with biohazardous material, toxins or radionuclides.

Purifier Vertical Clean Benches are available in 2', 3' and 4' widths.

Labconco also offers Purifier Horizontal Clean Benches that direct HEPA-filtered air horizontally over the work area and Purifier Filtered PCR Enclosures, which are specialized vertical clean benches designed for polymerase chain reactions.

Specifications

- **Weight:** 195.0 lbs
- **Weight metric:** 88.0 kg
- **Dimensions:** 48" w x 28.6" d x 36.8" h
- **Electrical:** 230 volts, 50 Hz, 3 A
- **Built-in Options:** UV light, UV Protection Panel
- **Laminar Flow:** Vertical
- **Nominal Width:** 4'
- **Region:** International
- **Conformance:** CE
- **Power Cord & Plug:** 230V, 10A, no plug

Description

Features

- Nominal downflow velocity of 45-65 fpm
- Aerodynamic air foil
- Supply HEPA filter, 99.99% efficient on particles 0.3 micron
- ISO Class 5 air (formerly Class 100 per Federal Standard 209E)
- Disposable prefilter
- Variable speed built-in blower with motorized impeller and solid state control rated for 10 amps
- Intrinsically-sound, negative pressure design
- Minihelic pressure gauge
- Air diffuser
- UV-resistant, glacier white and gray, powder-coated aluminum and steel construction
- UV-opaque and resistant 1/4" thick tempered safety glass sash and sides
- Fluorescent lamp
- Light and blower switches
- 9.4" high sash opening
- Ergonomic 10° angled and hinged sash that pivots upward, locks to a loading height of 20" and has wiping seals to promote ISO Class 5 conditions
- Two utility ports with iris openings and plugs
- ETL Listing (115 volt, 60 Hz models)
- One year warranty on parts and service

Options

- Built-in Guardian Airflow Monitor that continuously monitor downflow airflow and has two LED lights to indicate when airflow is within or outside set point range.
- 254 nm UV lamp with 3-way switch (fluorescent, UV and off) and protection panel interlocked with the UV lamp that closes the sash opening
- 2', 3' and 4' widths
- International electrical configurations

Required Accessories

- Supporting work surface. See Solid Epoxy Dished Work Surfaces
- Supporting base. See Adjustable Height Base Stands

Optional Accessories

- General Accessories
- IV Bar Kit

Compliance

- UL Standard 3101-1/61010-1 (115 volt models)
- CAN/CSA Standard C22.2 No. 1010.1 conformity (115 volt models)
- CE Conformity marking (230 volt models)