

Purifier Logic+ Class II B2 Biological Safety Cabinet with 8" sash opening, UV Light, Service Fixture, Vacu-Pass Portal and Base Stand '4

Catalog Number: 303481150



Weight: 730.0 lbs
Weight metric: 331.1 kg
Dimensions: 54.3"w x 31.2"d x 100.1-106.1"h
Electrical: 230 volts, 50/60 Hz, 6 amps, British (UK)
Base Stand: Included
Product Subcategory: Class II, Type B2 Total Exhaust Safety Cabinets
Protection Type: Product and Personnel
Built In Options: Hose Tip Valve(s), Tube & Cable Pass-Through, UV Light
Conformance: ADA, CE, NSF 49
Electrical Standard: International
Exhaust Volume: 665 CFM
Lighting: Fluorescent, Ultraviolet
Nominal Width: 4'
Power Cord & Plug: British (UK), 230 volts
Sash Opening: 8"
Service Fixtures: One

Purifier Logic+ Class II, Type B2 Biosafety Cabinets provide personnel, product and environmental protection from hazardous particulates such as agents that require Biosafety Level 1, 2 or 3 containment. Other appropriate applications include work with antineoplastic drugs, genetic material, asbestos and additional substances that generate hazardous airborne particulates. All models are [NSF-Listed](#).

These biological safety cabinets are designed to be hard ducted to the outside. During operation, room air is drawn into the top of the cabinet and through a supply HEPA filter. This filtered air flows downward through the work area. Room air is also drawn into the inlet grille located at the work access opening. All of the contaminated air passes through the exhaust HEPA filter. A dedicated exhaust system and remote blower discharge 100% of the filtered exhaust air from the laboratory. Since none of the air is recirculated, these biohazard cabinets may be used for work with agents treated with volatile toxic chemicals and radionuclides.

Features

- Electronically Commutated Motor (ECM)
- Constant Airflow Profile™ (CAP) Technology airflow monitoring system that communicates with the ECM to deliver the precise volume of air as required and automatically adjust as filters load without relying on airflow sensors
- Air-Wave™ Entry System
- Contain-Air™ Negative Pressure Channel
- Smart-Start™ System that allows the user to program start up and shut down operations
- Built-in interval or elapsed timer for experiment monitoring, fluorescent light or UV light control (on models with UV light)
- Digital clock
- Removable towel catch located under work surface
- Bright, 90-100 footcandle, glare-free fluorescent lighting located outside the contaminated work area
- Five year warranty
- LCD information center with "Filter Life Remaining" bar graph, status line for alarm conditions and alerts to warn when filter life diminishes to 20% and 0%
- Electronic security lock (optional activation) that requires code to operate the cabinet
- Two electrical duplex receptacles, (single outlets on 230 volt models), located one on each side, with ground fault interruption (115 volt models)
- Intrinsically safe negative pressure design
- Fully-closing, clear 1/4" tempered safety glass sash with 8" (20cm) working height opening
- Stainless steel inlet grille with Reserve-Air™ Secondary Airflow Slots*
- Supply and exhaust 99.99% efficient HEPA filters. Contact Labconco for optional 99.999% efficient ULPA filters.