Purifier Logic+ Class II A2 Biological Safety Cabinet with 10" sash opening, UV Light, Service Fixture, Vacu-Pass Portal and Base Stand '3

Catalog Number: 302311150

Weight: 585.0 lbs
Weight metric: 265.4 kg
Dimensions: 42.3"w x 31.2"d x 89.2-95.2"h
Electrical: 230 volts, 50/60 Hz, 6 amps
Base Stand: Included
Product Subcategory: Class II, Type A2 Biological 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: 253-279 CFM
Lighting: Fluorescent, Ultraviolet
Nominal Width: 3'
Power Cord & Plug: British (UK), 230 volts
Sash Opening: 10"
Service Fixtures: One

Purifier Logic+ Class II, Type A2 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 discharge HEPA-filtered exhaust air directly into the laboratory, or into an exhaust system through the optional Canopy Connection. When canopy-connected, the biosafety cabinets may be used for applications involving minute quantities of volatile toxic chemicals and tracer amounts of radionuclides as an adjunct to microbiological research.

During operation, room air is drawn into the inlet grill. The air in the plenum beneath the work surface is a mixture of unfiltered room airand air that has just passed through the work area. This contaminated air is drawn by the blower through the back plenum of the cabinet, where approximately 70% of the air is recirculated through the supply HEPA filter and back over the work area. The balance of the contaminated air is discharged to the environment after passing through the exhaust HEPA filter.

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
• Night-Smart™ System that idles the blower when the sash is fully closed
• 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)

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