



Purifier Logic+ EN 12469 Certified Class II, Type A2 Biosafety Cabinets

Purifier Logic+ EN 12469 Certified 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 third-party tested and certified to the EN 12469 Standard by TÜV Rheinland.

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.

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Features

- 1.2 m (4') wide
- 20 cm sash height
- 230V operation
- Quick-sealing sash and louver plate lock creates a leak-tight seal for easy decontamination
- 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
- Noise level < 60 dBA
- Heat load 990 BTU/hour
- Nominal inflow velocity of 105 feet per minute (fpm) (0.5 m/sec)
- Nominal downflow velocity of 55 fpm (0.3 m/sec)
- Approximately 70% air recirculation
- Powder-coated steel exterior
- CE conformity marking
- TÜV Certified to EN 12469
- Class 5 conditions per ISO 14644-1 and 2 (formerly Class 100)
- Overall depth x height: 81.1 x 165.2 cm (31.9" x 65.0")
- 3 m (10') power cord with plug
- Five year warranty

- 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
- 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 single electrical receptacles, located one on each side
- Intrinsically safe negative pressure design
- Fully-closing, clear 1/4" tempered safety glass sash
- 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.
- Leak-tight stainless steel interior
- Interior-mounted, line-of-sight, full color LCD information center with easy-to-understand MyLogic™ OS
- 54 cm (21.7") maximum sash opening height and 69 cm (27.0") viewing height
- Curved inlet grille for forearm support
- Flush-mounted stainless steel electrical receptacle covers with dampened hinges
- Removable, seamless type 304 stainless steel, dished work surface with lift out knobs
- 10° Angled sash with counterbalanced, anti-racking mechanism for ease of lifting
- Touchpad control on right-hand side post for manual activation of blower, light(s), timer, electrical receptacles,

Options

- British and Schuko electrical configurations
- 254 nm UV lamp
- Service fixture(s) with ball-type valve(s)
- Vacu-Pass™ Cord & Cable Portal

Required Accessory (Not Included)

Supporting base

4' Purifier Logic+ Class II A2
Biological Safety Cabinet with 20
cm sash opening



Catalog # 302488050

Nominal Width: 4'

Protection Type: Product and
Personnel

Base Stand: Required (not
included)

Power Cord & Plug: British (UK),
230V

4' Purifier Logic+ Class II A2
Biological Safety Cabinet with 20
cm sash opening



Catalog # 302488060

Nominal Width: 4'

Protection Type: Product and
Personnel

Base Stand: Required (not
included)

Power Cord & Plug: Schuko, 230V

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