

PRODUCT MODEL

Catalog # 302810102

8' Logic Class II, Type A2 Biological Safety Cabinets- 10" (25 cm)-None-Included-North America, 115V, 20A



All Features & Specifications

Features (All Models)

- Long-life DC Electronically Commutated Motor (ECM)
- Constant Airflow Profile™ (CAP) airflow monitoring system
- BalanceFlow™ plenum provides energy-efficiency and ultra-quiet operation*
- Easy clean top cover that promotes even exhaust airflow from the top cover
- Mag-Zone™ area on interior right side manages storage challenges with Labconco Magnetic Mag-Zone accessories
- Intrinsically-safe negative pressure design
- Fully scannable 99.99+% supply and exhaust HEPA filters. 99.999% efficient ULPA filters or H14 HEPA filters also available
- Logic OS and 5" interior-mounted, line-of-sight touchscreen information center
 - Smart-Start™ System allows user to start up and shut down cabinet functions by raising and lowering the sash

- Night-Smart™ System for idling the blower when the sash is fully closed
 - Full operational maintenance and certification logs for detailed record keeping
 - Status line for alarm conditions and alerts to warn when filter life diminishes to 20% and 10% before alarming at 0%
 - Interval/elapsed timer for experiment monitoring
 - UV light timer (on models with UV)
 - Password protection for cabinet settings
 - 8 Languages
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- Bright, glare-free LED lighting up to 180 foot-candles (1937 lux). Located outside the contaminated work area
 - Curved, stainless steel inlet grille with waterfall design and Reserve-Air™ Secondary Airflow Slots
 - Air-Wave™ Entry System at access opening to enhance containment
 - Contain-Air™ Negative Pressure Channel at top of sash to enhance containment
 - Two electrical outlets. Flush mounted stainless steel cover with dampened hinges
 - 115V GFCI, double receptacles, maximum amperage draw 5A
 - 230V, single receptacles, maximum amperage draw 3A
 - 10° angled, fully closing sash. 1/4" tempered safety glass with counterbalanced, anti-racking, easy-to-lift mechanism
 - Unitized, pressure tested stainless steel interior. Optic White epoxy-coated steel exterior
 - Removable towel catch located under work surface
 - 8" or 10" (20.3 or 25.4) working sash height
 - 22.5" (57 cm) max. sash opening & 27.0" (69 cm) viewing height
 - Removable, seamless type 304 stainless steel, dished work surface with lift out knobs
 - Nominal inflow velocity of 105 fpm (0.53 m/sec)
 - Nominal downflow velocity of 55 fpm (0.28 m/sec).
 - Approximately 70% air recirculation
 - Noise level <60 dB (4ft 10" model)
 - 10' (3 m) power cord with plug
 - Six year warranty

Options

- 8' width
- International electrical configurations
- Unassembled, NSF-approved, epoxy-coated steel, non-welded telescoping base stand with leveling feet
- Accessory Package
 - UV lamp (254 nm)
 - Right-side service fixture with ball-type valve
 - Right and left-side Vacu-Pass™ Cord & Cable Portal
- Ventus II Canopy Connection

Required Accessories (Not Included)

- Supporting base if non-welded stand option is not selected

Compliance

- NSF/ANSI Standard 49 complaint
- ISO Class 5 (Grade A) per ISO 14644-1
- UL Standard 61010-1
- CAN/CSA 22.2 No. 61010-1
- CE/UKCA Mark (230V models)
- ADA-compliant

Specifications

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|--------------------------|----------------------------|
| Dimensions | 104.5 W x 32D x 62 H |
| Metric Dimensions | 265.4 W x 81.3 D x 157.5 H |
| Base Stand | Included |
| Light Fixtures | LED |
| Lighting | LED |

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|------------------------------|--|
| Nominal Sash Opening | 10" (25 cm) |
| Power Cord & Plug | North America, 115V, 20A |
| Protection Type | Product and Personnel |
| Conformance | ADA, CAN/CSA C22.2, ETI, NSF 49, UI |
| Product Subcategory | Class II, Type A2 Biological Safety Cabinets |
| Accessory Package | None |
| Built-in Options | Fixed Leveling Feet |
