

## PRODUCT MODEL

Catalog # 302881112

# 8' Logic Class II, Type A2 Biological Safety Cabinets-8" (20 cm)-UV Light, right and left-side Vacu-Pass Portal, right-side service fixture-Included-North America, 230V



## 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
  
- 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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<b>Dimensions</b>	104.5 W x 32D x 62 H
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<b>Metric Dimensions</b>	265.4 W x 81.3 D x 157.5 H
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<b>Base Stand</b>	Included
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<b>Light Fixtures</b>	LED
<b>Lighting</b>	LED
<b>Nominal Sash Opening</b>	8" (20 cm)
<b>Power Cord &amp; Plug</b>	North America, 230V
<b>Protection Type</b>	Product and Personnel
<b>Conformance</b>	ADA, CAN/CSA C22.2, ETI, NSF 49, UI
<b>Product Subcategory</b>	Class II, Type A2 Biological Safety Cabinets
<b>Accessory Package</b>	UV Light, right and left-side Vacu-Pass Portal, right-side service fixture
<b>Built-in Options</b>	Fixed Leveling Feet