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PRODUCT NO.: 6715












**PURIFIER AXIOM BIOLOGICAL SAFETY CABINET, LABCONCO (4 ft, ISO Class 5, Sterile)
W 54.2" × D 32.7" × H 91.7", Class II, Type C1, w/10-inch Sash Opening, Bag-
In/Bag-Out Exhaust Filter and Base Stand**

DESCRIPTION: This is the first biological safety cabinet that can be used in a recirculating Type A mode standard microbiological work, or can be connected to an exhaust system to function in Type B mode for handling hazardous chemical vapors or radionuclides. Because of the efficient, well-defined airflow pattern over its work surface, the Axiom is safer and easier to operate than traditional biosafety cabinets.

This enclosure provides protection for personnel, product and the laboratory environment by filtering hazardous particulates and aerosols, such as agents that require Biosafety Level 1, 2 or 3 containment, with the option of venting away hazardous fumes. This type C1 enclosure may also be used for a wide variety of applications that incorporate antineoplastic drugs, genetic materials, carcinogens, allergens, or other airborne hazards.

FEATURES:

- ✔ Class 5 conditions per ISO 14644-1 and -2 (formerly Class 100)
- ✔ Bag-In/Bag-Out Exhaust Filter for use with radionuclides or harmful pharmaceutical compounding ingredients
- ✔ Powder-coated steel telescoping (27.5" to 34.5") supporting base stand with fixed feet
- ✔ Omni-Flex two operation mode design: Type A mode for standard microbiological use and Type B mode for connection exhaust system when handling hazardous chemical vapors or radionuclides
- ✔ Constant Airflow Profile (CAP) Technology airflow monitoring system that provides constant and precise volume of air as required and automatically adjusts as filters load without relying on airflow or pressure sensors
- ✔ MyLogic Operating System that controls Smart-Start System for allowing the use to program start up and shut down operations and Night-Smart System for idling the blower when the sash is fully closed (Night-Smart operational in Type A mode only)
- ✔ Built-in interval or elapsed timer for experiment monitoring for the fluorescent lighting
- ✔ Bright, 90-150 footcandle, glare-free fluorescent lighting located outside the contaminated work area
- ✔ LCD information center with "Filter Life Remaining" bar graph for each HEPA filter, status line for alarm conditions and alerts to warn when filter life diminishes to 20% and 0%
- ✔ Active Protection Protocol that operates the exhaust blower for 10 seconds longer than the supply blower and maintains negative pressure during normal shut down, or in the event of exhaust system failure, preventing the flow of air into the laboratory
- ✔ Fully scannable exhaust and supply 99.99+% efficient HEPA filters
- ✔ Two electrical duplex receptacles, located one on each side
- ✔ Intrinsically safe negative pressure design

-  Fully-closing, clear 1/4"-thick tempered safety glass sash
-  Leak-tight stainless steel interior
-  Interior-mounted, line-of-sight, full color LCD information center with easy-to-understand MyLogic programming
-  Removable, type 304 stainless steel 3-piece work surface (including 2 flat sides and 1 dished center) with lift out knobs and clearly delineated working area (when handling chemicals)
-  Latch to hold center dished Chem-Zone work surface in upright position for easy cleaning of catch pan and sump area
-  10° angled sash with counterbalanced, anti-racking mechanism for ease of lifting and lowering
-  ADA-compliant touchpad control on right-hand side post for manual activation of blower, light(s), timer, electrical receptacles, audible alarm mute and menu selection
-  Flush-mounted stainless steel electrical receptacle covers with dampened hinges
-  Powder-coated steel exterior

TECHNICAL SPECIFICATIONS:

Dimensions, W x D x H (cm / in)	137.7 x 83.1 x 232.9 / 54.2 x 32.7 x 91.7
Nominal Width (cm / ft)	121.9 / 4.0
Maximum sash opening height (cm / in)	58.0 / 22.6
Maximum viewing height (cm / in)	69 / 27
Sash opening (cm / in)	20.3 / 8.0
Weight (kg / lb)	327 / 721
Shipping Weight, Cabinet with Base Stand (kg / lb)	379 / 835
Lighting	Fluorescent
Electrical	115 V, 60 Hz, 12 A
Power Cord & Plug	North America, 115 V, 20 A
Power Consumption (W)	200
Product Subcategory	Class II, Type C1 Biological Safety Cabinet
Protection Type	Product and Personnel
Exhaust Volume	480 CFM @ 0.2" Static pressure
Nominal inflow velocity (m/s / fpm)	0.53 / 105.0
Nominal downflow velocity (m/s / fpm)	0.33 / 65.0
Conformance	ADA, CAN/CSA C22.2, ETL, NSF 49, UL

WARRANTY: 5 years