

BIOLOGICAL SAFETY

Laboratory Solutions offers Biological Safety Cabinets manufactured by Labconco Corporation, USA. Labconco is a ISO 9001 certified company that manufactures products that adhere to high standards including ETL and NSF standard 49.

Biosafety Cabinets

Purifier Logic®+ Class II, Type A2 and Type B2 Biological Safety Cabinets provide personnel, product and environmental protection from hazardous particulates and agents that require Biosafety Level 1, 2 or 3 containment. Purifier Cell Logic+ Type A2 and B2 Biosafety Cabinets have features specialized for cell research.

The Purifier Axiom® Class II, Type C1 is the first biological safety cabinet that can be used in a recirculating Type A mode for standard microbiological work, or can be connected to an exhaust system to function in Type B mode for handling hazardous chemical vapors or radionuclides. The Axiom is a finalist for the 2016 R&D 100 Awards for Innovation.

Purifier Class I and HEPA Filtered Enclosures provide personnel and environmental protection and are ideal for procedures that generate fine dust, handling suspicious mail, or weighing hazardous powders. They offer an economical alternative to Class II cabinets when applications do not require product protection.

Class II, Type A2

Purifier Cell Logic+ Class II, Type A2 Biosafety Cabinets have unique features that address the unique needs of cell research. Some models have a modified sash that accommodates a microscope. Other models have a temperature-controlled work area on the work surface to keep cells at the proper temperature for viability.

Both Purifier Logic+ and Cell Logic+ Class II, Type A2 Biosafety Cabinets have the same airflow pattern to achieve personnel and product protection. During operation, room air is drawn into the inlet grille at the work access opening and through a supply HEPA filter. Approximately 70% of the HEPA-filtered air is circulated through the cabinet, while 30% passes through an exhaust HEPA filter and is discharged. These biohazard 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-ducted, these biological safety cabinets may be used for applications involving minute quantities of volatile toxic chemicals and tracer amounts of radionuclides as an adjunct to microbiological research.



Class II, Type A2 BSC with Base Stand