



Class II Type A2

Pharmacy

Biopharma

Biocontainment



Safe, Durable, and Effective

The Class II, Type A2 Laminar Flow Biological Safety Cabinet provides protection for the user, product and the environment from particulate and aerosol hazards. The work area of the biological safety cabinet is continuously bathed with positive pressure ISO 5 HEPA-filtered air to protect the product from contamination while an inward airflow protects the user. Approximately 70% of the air from each cycle is recirculated through the supply HEPA filter while the remaining air is discharged from the biosafety cabinet through the exhaust HEPA filter.

Germfree's Biological Safety Cabinets are available with all-welded stainless steel stands for operation at a fixed sitting or standing work height. An optional thimble transition allows the BSC to ducted to the outside.

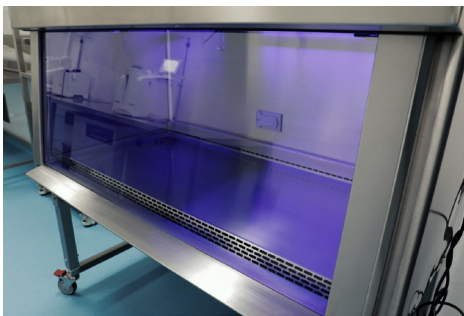


Equipment pictured may include custom or optional features

Application

Class II, Type A2 Laminar Flow Biological Safety Cabinets are designed for the safe handling of hazardous materials in laboratory, cleanroom, and pharmacy settings.

These biosafety cabinets eliminate cross-contamination and the accidental release of aerosols to the outside environment. Other applications include handling materials such as powders and allergens.



Codes and standards

- This unit is listed as complying with NSF/ANSI 49 and all applicable requirements.
- All units are NRTL listed to comply with ANSI/UL STD 61010-1 Certified to CAN/CSA C22.2.

Testing, warranty, and support information

- Independent 3rd party certification on-site is recommended prior to operation.
- An operation and maintenance manual is included.
- Germfree Standard equipment carries a 2 year parts warranty. Consult a Germfree Expert for more information.

Specifications

Standard features

- All Stainless Steel Construction**
 Interior coved corners and radiused bends for easy cleanup, both inside and out. Superior durability and cleanability, optimal for cleanroom use.
- Automatic Angled Front Window**
 Tempered glass front window can be adjusted between settings automatically using the touchscreen HMI.
- Front Loading HEPA Filter**
 Supply and exhaust HEPA filters are parallel to both the work area and each other to prevent turbulence.
- Low Glare LED Lighting**
 Diffused LED light minimizes heat build-up and reduces glare. Lights change color to alert user of alarms (**flashing red**) and when the unit is in night mode (**blue**).

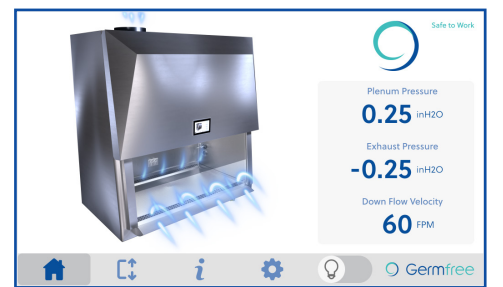
- Night Mode**
 When not in use, unit can be placed in Night Mode, which closes the front window completely while maintaining containment and restricting airflow, greatly reducing energy consumption.

- Removable Work Tray**
 Work tray can be propped with attached kickstand for daily cleaning. Tray removes completely for deep cleaning.

Electrical

- System requires 115V, 60Hz (220V, 50Hz system available)**
- Ten foot power cord with molded grounded plug**

- Touch Screen Controls / Monitor**
 Large, back-lit touchscreen interface allows full control of the BSC. Training videos come pre-loaded and can be viewed directly on the monitor. Password protected diagnostics module allows for easy trouble shooting by service personnel.



Model	Overall Dimensions			Work Area Dimensions		
	w	D	H	w	D	H
GF-BSCA-4	58"	34.25"	58.125"	48.8"	26.3"	25.3"

OPTIONAL FEATURES

- Custom Sizes
- Stopcock for Air, Gas or Vacuum
- Counter-top Only Model (no stand)
- Bin Cart for Storage Under Workdeck (30" x 26.5" D x 20" H)
- Stainless Steel Stand 30" or 36" High
- Sealed Data Port Passage
- Locking Cleanroom Grade Casters
- Exhaust Transition for External Venting
- Hydraulic Lift Adjustable Stand

*Equipment pictured may include custom or optional features



Technical drawings

Please consult with a Germfree Sales Engineer for the most up to date engineering drawings.

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