

CABINET BIOLOGICAL SAFETY TOC

GERMFREE LABORATORIES INC

MODEL # BBF-2SS-CH

Manufacturer's Phone: (386)677-7742 FAX (386)677-2651

Website: <http://germfree.com/bc2.htm>

ACC "J" NSN ITEM 6640-01-498-4194

UA's: N403

**USAMMA POC: Materiel Acquisition Directorate, 301 619-7403, DSN 343-7403
UNIT PRICE: \$3,723.00**

System Description: The Class II, Type A biosafety cabinets are used to protect personnel, product and environment from bioaerosols and particulates. These hoods offer personnel protection through negative pressure airflow into the cabinet.

To protect the product, the work area in the biosafety cabinets is continuously bathed with ultra-clean air provided by the supply HEPA filter. Approximately 70% of the air from each cycle is recirculated through this supply HEPA filter. The remaining air (approximately 30%) is discharged from the hood through the exhaust HEPA filter, protecting the environment.

Although not required for the majority of uses, all of our biosafety cabinets have the capability of being vented to the outside.

Features: The Class II Laminar Flow Biological Safety Cabinet, or the Biosafety Cabinet, combines product, operator and environmental protection. It was developed to provide protection from diverse types of biohazardous material. The biosafety cabinet is similar to the conventional fume hood in providing protection for the operator. It differs from the conventional fume hood by also offering protection for the work in progress and the environment.

Standard Features include: A variable speed motor control, perforated filter diffuser/protector, ten foot power cord with grounded plug and differential pressure gauge.

- Supply and exhaust filters are parallel to work area and each other to prevent turbulence.
- Contoured, concave ergonomic viewing panel allows operator to place their head over the work. Viewing panel is hinged and removable to provide full access to 29" high work area.
- Perforated stainless steel work tray support is angled to prevent blockage of air circulation and insure containment.
- Solid stainless steel work tray and its support are both easily removable for cleaning and decontamination of all interior surfaces of the hood.

- Dual non-glare fluorescent lights are externally mounted minimizes heat build-up in cabinet.

Class II (types A and B) are Laminar Flow Biological Safety Cabinets that protect personnel, product and environment. They provide inward airflow to protect personnel, downflow HEPA filtered air to the work area to protect the product and exhaust HEPA filtered air to protect the environment from particulate and aerosol hazards.

Note: All GERMFREE Class II, type A biosafety cabinets can be converted into a Class II, type A2 unit by adding an appropriate exhaust system.



**CABINET BIOLOGICAL SAFETY
PART # BBF-2SS-CH**

**CABINET BIOLOGICAL SAFETY
PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS**

Dimensions	Height	54.5 inches
	Width	24 inches
	Depth	23.5 inches
	Cube	17.78 cu ft
Weight	Free Standing	220 lbs
	Shipping	290 lbs
Altitude up to		6,561.67 feet
Operating Temperature Range		41° F to 104° F
Storage Temperature Range		-4° F to 140° F
Relative Humidity (in use)		80% for temperatures up to 87.8° F decreasing linearly to 50% relative humidity at 104° F
Relative Humidity (storage)		85% or less non-condensing
Exhaust Airflow Volume cfm		125 cfm
Thermal Output BTU		1500 BTU
Power Requirements		120 VAC 60Hz
amps		4.6 amps
Watts		552 Watts

**CABINET BIOLOGICAL SAFETY
(START-UP)**

NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
6640014984194	Included W/NSN	Cabinet Biological Safety	BBF-2SS-CH	1	EA	\$3,723.00	\$3,723.00	Germfree Laboratories	indef.	N	3
See Resupply	Included W/NSN	Fluorescent Tubes		1	EA			Germfree Laboratories	indef.	N	3
See Resupply	Included W/NSN	HEPA Filters (Supply) 22"x20"x3"	BBF 2SS-HF2S	1	EA			Germfree Laboratories	indef.	N	3
See Resupply	Included W/NSN	HEPA Filters (Exhaust) 8"x18"x6"	BBF 2SS-HF2E	1	EA			Germfree Laboratories	indef.	N	3