

Camfil CamContain FB-R and GB-R Housings are designed for use in critical processes where hazardous airborne materials must be prevented from escaping to the atmosphere. Air filters may be replaced from the topside of the unit using a control barrier to protect change-out personnel from contaminants within the housing or captured by the filters. The unit may be mounted vertically or horizontally.

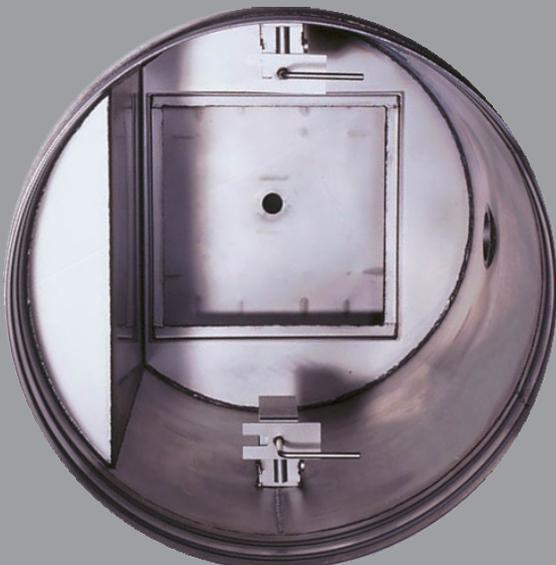
The CamContain FB-R/GB-R Housing minimizes exposure to harmful contaminants during filter service through the use of a PVC bag enclosure system. The entire filter changing process isolates personnel from the hazardous materials.

Various options specific to your application are available in the CamContain FB-R/GB-R Housing design.

These housings are typically used in facilities that incorporate hazardous materials in their processes. These contaminants may include biomedical, radiological, carcinogenic or other materials of concern. Some applications include:

- Chemical manufacturing facilities
- Food processing
- Genetic research and biotechnology facilities
- Industrial processes exhaust
- Microelectronic and semiconductor facilities
- Nuclear power plants
- Pharmaceutical facilities
- Radioisotope handling facilities
- University research laboratories
- US Department of Energy Facilities
- Veterinary research and animal disease laboratories
- Government and military facilities.

Bag-in/bag-out round housing for particulate and gaseous contaminant removal

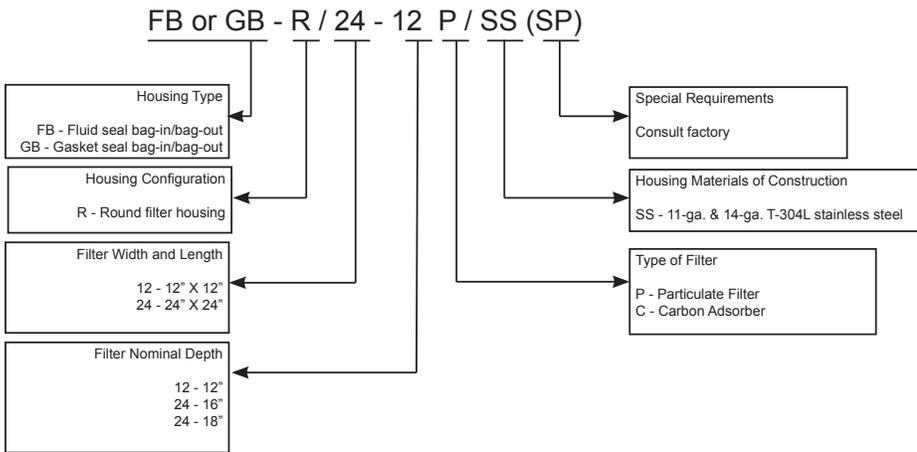


Sample internal component view including air baffle, filter mounting flange, seal/release clamps and air outlet. FB-R shown

Standard Model Number	Primary Filter Dimensions (inches)	Adsorber Size (inches)	Rated Airflow (cfm)	Actual Dimensions (inches)		Weight (lbs.)
				Height	Diameter	
FB-R-12-12P-SS GB-R-12-12P-SS	12 x 12 x 11-½	12 x 12 x 12-¼	250	29	18-¼	150
FB-R-24-12P-SS GB-R-12-12P-SS	24 x 24 x 11-½	24 x 24 x 12-¼	1000	29	36-¼	245
FB-R-24-16C-SS GB-R-12-12P-SS	N/A	24 x 24 x 16-¾	1000	32	36-¼	265
FB-R-24-18C-SS GB-R-12-12P-SS	N/A	24 x 24 x 18-¾	1250	32	36-¼	265
FB-R-24-19C-SS GB-R-12-12P-SS	N/A	24 x 24 x 19-¾	1500	32	36-¼	265



Leg option available for free-standing applications.



Standard FB-R/GB-R Components

CamContain FB-R/GB-R Housings are typically applied in low air volume systems, and incorporate either a HEPA filter, or a gaseous adsorber.

Connections to the unit are typically through a round inlet and outlet, with flange dimensions supplied by the user.

Units may be installed in a horizontal or vertical position.

FB-R: Spring-loaded stainless steel filter clamps secure the filter in position during operation.

The door of the housing is secured by swing away latches so filter access is not restricted. A silicone sealing gasket assures a leak-free seal after each change.

The access opening includes a ribbed bagging ring assembly for an 8-mil changing PVC bag. The bagging ring is continuously welded and hemmed to prevent damage to the bag.

FB-R/GB-R Options

Static Pressure Taps

Static pressure taps for pressure drop tests, may be installed on the inlet and outlet of the housing. Ports are ¼" NPT stainless steel half-couplings, and shipped with brass plugs, for field connection of magnehelic gages or pneumatic sensor controls.

Testing Ports

Testing ports are available for overall efficiency evaluation of the filter. A challenge injection port is installed on the inlet. The challenge is dispersed by an air baffle plate for complete mixing. The sampling port is on the outlet flange connection.

Housing Drain

A ½" NPT drain with a positive shut-off ball valve and brass plug may be included where moisture removal may be required.

High Temperature Design

Construction component options are available to allow operation to 450° F (230° C).

Low Leak Test

A low leak test is available to meet requirements as listed in the Nuclear Air Cleaning Handbook (0.2% of the housing volume per hour at a pressure of 10" w.g.).

High-Pressure Option

The standard CamContain FB-R/GB-R Housing is capable of withstanding 15" w.g. positive or negative pressure. Camfil has manufactured round housings capable of withstanding up to 88" w.g. positive or negative pressure. Consult factory for specific design pressure requirements.

Metal Door Jacket

A stainless steel door pocket is available for storage of installation, maintenance, operation and spare parts manuals.

Seismic Certification

Consult factory for special seismic certification qualifications and codes.

For detailed specifications please consult your local Camfil Distributor or Representative or www.camfil.com.

Camfil has a policy of uninterrupted research, development and product improvement. We reserve the right to change designs and specifications without notice.



For assistance specific to this product, please contact the Camfil Washington NC facility at Sales-WA@camfil.com or by telephone at 877-658-6588.

