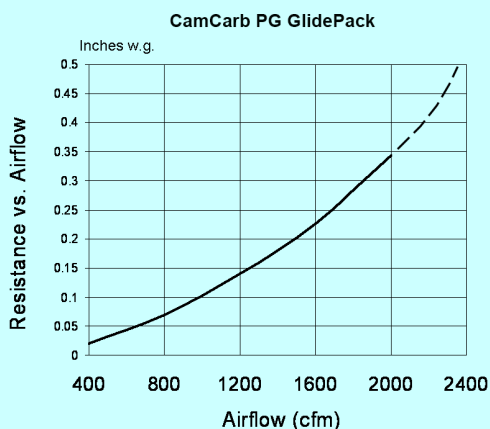




## High-capacity gaseous contaminant and odor control in a side-access filter housing



Top: CamCarb PG GlidePack side-access housing shown with CamCarb PG panels installed and prefilter installed (order panels separately).  
 Bottom: Pressure drop values require 12 one-inch panels per 24" x 24" (6 one-inch panels per 12" x 24") opening.

The Camfil CamCarb PG GlidePack two-stage side-access housing can be used in commercial applications, industrial applications, manufacturing facilities, medical facilities or any other applications where the control of odors and gaseous contaminants are a concern. The housing can also be used to reduce make-up air by increasing recirculated air, thus reducing energy costs during the heating and cooling seasons.

The CamCarb PG GlidePack housing provides side-access convenience for interior or exterior installation. It is designed to mate to other housings or installed in a ducted HVAC system. Each housing includes:

- 16-gauge galvanized steel construction with pre-drilled standing flanges to mate to existing HVAC equipment. All components are rain tight for interior or exterior installation
- Dual-access doors for filter service from either side of the unit. The doors swing-open and are engineered to be square to the housing flange. UV resistant star-style handle knobs ensure a tight seal each time the access doors are opened and closed
- Slide tracks of anodized aluminum construction for ease of panel service and corrosion resistance
- Each full size unit holds twelve medium-impact, heat-resistant CamCarb PG one-inch panels with 0.25 cubic feet of media per panel, or 3 cubic feet per 2000 cfm. Panels slide in and out of the housing for easy service
- Panels may be filled with various medias or media blends.
- High-memory sponge neoprene door gaskets to ensure a positive door-to-filter seal
- An extended surface sponge door gasket to assure a proper door-to-filter seal to sorbent panels
- A single 4" filter track that may be used for a pre-filter, a roughing filter, or a high-efficiency final filter.

## Performance Data

### Housing Dimensions & Airflow Capacities

Number of filters high	Height (inches)	Number of filters wide					
		1	2	3	4	5	6
1/2	15-1/4	1000	2000	3000	4000	5000	6000
1	27-1/4	2000	4000	6000	8000	10000	12000
1-1/2	39-1/2	3000	6000	9000	12000	15000	18000
2	51-1/2	4000	8000	12000	16000	20000	24000
2-1/2	63-3/4	5000	10000	15000	20000	25000	30000
3	75-3/3	6000	12000	18000	24000	30000	36000
3-1/2	88	7000	14000	21000	28000	35000	42000
4	100	8000	16000	24000	32000	40000	48000
Width		24	48	72	96	120	144

#### Available Options:

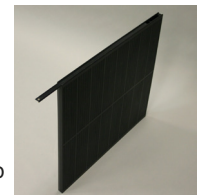
Stainless steel construction.  
 High-pressure construction (to 8.0" w.g.).  
 Double-wall with insulation.  
 Transitions to standard HVAC equipment.  
 Panels may be filled with application specific sorbent media or sorbent media blends.

Contact factory for more information.

#### DATA NOTES:

Housing depth is 33-3/4".  
 Airflow rated at 500 fpm. For higher velocities contact factory.  
 Standard housing operational to ± 6.0" w.g.  
 Contact your Camfil representative for shipping and installed housing weight.

Rechargeable CamCarb PG panels are ordered separately and may be selected with various grades of sorbents. Other sorbents are available, consult factory. Photo to right shows panel removable service end cap partially open.



## Specification

### 1.0 General

- 1.1 - Filter housing shall be two-stage filter system consisting of 16-gauge galvanized steel enclosure, plastic panel mounting tracks, dual-access doors, filter gaskets and seals.
- 1.2 - Sizes shall be as noted on enclosed drawings or other supporting materials.
- 1.3 - Panel size reference: 12 one-inch panels per 24" x 24" (6 one-inch panels per 12" x 24") opening.

### 2.0 Construction

- 2.1 - The housing shall be constructed of 16-gauge galvanized steel with pre-drilled standing flanges to facilitate attachment to other system components. Corner posts of Z-channel construction shall ensure dimensional adherence. The housing shall be rain tight and suitable for rooftop/outdoor installation. Housing depth shall not exceed 34".
- 2.2 - The housing shall incorporate the capability of two stages of filtration without modification to the housing. Filter tracks of anodized

aluminum construction shall facilitate the application of multiple polystyrene panels with appropriate media. A 4" deep filter track, for application of a prefilter or ASHRAE grade final filter, shall be located adjacent to the adsorber section.

- 2.3 - Dual access doors, swing-open type, shall include a sponge neoprene gasket to facilitate a door-to-adsorber panel seal. Each door shall be equipped with adjustable and replaceable positive sealing UV-resistant star-style knobs and replaceable door hinges.
- 2.4 - Media panels shall be of medium-impact heat-resistant polystyrene construction. Each panel shall be capable of holding 0.25 cubic feet of media and shall be rechargeable through the use of a removable service end cap.
- 2.5 - Full size housing shall contain twelve panels filled with a cumulative total of 3.0 cubic feet of granular sorbent media, sufficient to provide 0.090 seconds residence time.

### 3.0 Performance

- 3.1 - Initial resistance to airflow with charged panels installed shall not exceed 0.35" w.g. at 500 fpm.
- 3.2 - Manufacturer shall provide evidence of facility certification to ISO 9001:2008.

\* Items in parentheses ( ) require selection.

For detailed specifications please consult your local Camfil Distributor or Representative or [www.camfil.com](http://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.

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