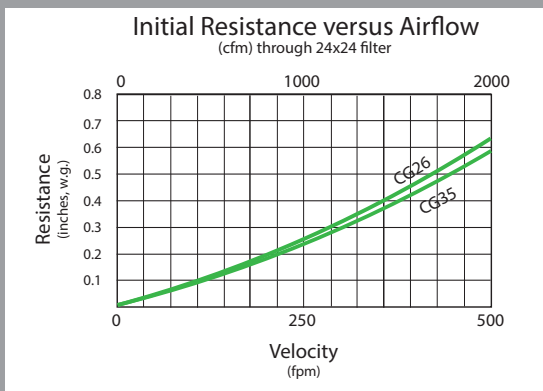




10", 18" and 24" lengths shown. 10" (reduced capacity) only available by special order, contact factory.

Refillable high capacity molecular cylinders remove offensive gaseous contaminants or reduce expenses associated with ventilation air.



Camfil CamCarb CG cylindrical molecular filters are recommended for moderate duty applications in make-up, recirculation, and exhaust air systems. They are especially useful when high removal efficiency and a large quantity of molecular media are required.



Each Camfil CamCarb CG cylinder:

- Is constructed from a combination of PP copolymer and ABS plastics. Available cylinder lengths are 10, 18 and 24 inches, dependent on system airflow. The 24 inch cylinder will typically contain 6.25 lbs of broad-spectrum carbon media.
- Includes a conical air inlet to diffuse air evenly across the molecular media. This ensures that the filter delivers the highest possible efficiency and media lifetime.
- Includes a pair of concentric co-molded rubber gaskets (TEP) that eliminate all leakage between the filter and the permanent mounting plate.
- Includes preformed stainless steel bayonet mounting stubs to attach cylinders to Camfil CamCarb Cylinder Holding Frames. Standard applications include eight cylinders for half size (12" by 24") and sixteen cylinders for full size (24" by 24") frame. See Camfil CamCarb Cylinder Holding Frame for built-up bank installations and CamCarb Cylinder GlidePack for side access applications.
- When filled with media LGX048, CamCarb CG will achieve an Oz 9 rating for ozone removal according to Camfil's unique in-house rating system. Ozone is a pollutant known to harm human health. The World Health Organization (WHO) publishes guidelines for maximum human exposure.

Applications include:

- Commercial building for external source pollutants (O_3 , NO_2 , VOCs, SO_2 , polyaromatic hydrocarbons -PAH)
- Airports, for control of emissions from jet engines and ground traffic. Laboratory operations and products.
- Light manufacturing processes
- Laboratory operations
- Cultural heritage establishments
- IVF (assisted reproduction) clinics

CamCarb CG cylinders are excellent for the removal of ozone (O_3), automobile fumes and diesel engine exhaust (SO_x , NO_x , H_2S , VOCs), jet engine fumes in airports (SO_x , NO_x , H_2S , VOCs) and light levels of industrial emissions (acid gases, NH_3 , solvents).

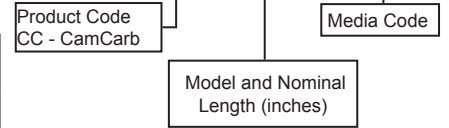
Performance Data

Canister Model	Diameter & Length (inches)	Bed Depth (inches)	Maximum Air Flow	Nominal Resistance Maximum cfm (inches w.g.)	Molecular Volume (cu. ft.)	Carbon Mass (lbs) ¹	Typical Mass per 24" x 24" Opening (lbs)	Ozone Removal Rating	Residence Time @ Maximum Air Flow
CG26	5.7 x 18	1.0	2000	0.63	0.15	4.5	72	Oz 9	0.07
CG35	5.7 x 23-1/4	1.0	2000	0.59	0.20	6.0	96	Oz 9	0.094
CG10	5.7 x 10	1.0	1000	0.35	0.08	2.4	38	Oz 9	0.074

¹ Based upon CEX004 4mm pellet carbon.

Model Designator

CC-CG35-



Media Name	Media Code	Description	Typical Applications
LGX048	LGX048	Granular activated carbon	VOCs, nitrogen dioxide, ozone, cannabis odors, airports, helipads
CEX00	CEX00	Pelletized activated carbon	New construction odors, VOCs, tobacco, ozone
CEX00A3	CEX00A3	Pelletized activated carbon impregnated to target a range of acidic gases	Pulp & paper, sewerage treatment facilities, manufacturing & chemical processing
CamPure 8	CP8	Activated alumina impregnated with potassium permanganate	Indoor air quality, low molecular weight hydrocarbons, oxidizable acid gases
CamPure 88	CP88	CamPure media blended with activated carbon	Only when two stages is not feasible and two different medias are required.
CamPure 10	CP10	Activated alumina impregnated with sodium permanganate	Pulp & paper, sewerage treatment facilities, manufacturing & chemical processing, and acidic sulfur gases
CamPure 15	CP15	Activated alumina and activated carbon powders impregnated to target a range of acidic gases	Pulp & paper, sewerage treatment facilities, manufacturing & chemical processing, and acidic sulfur gases
Other media available. Contact factory for details.			



Camfil CG Cylinders include stainless steel bayonet stubs that twist on to Camfil CamCarb holding frames. Each cylinder is easily removed from holding frame with a 24mm wrench.



CamCarb CG cylinders are designed to attach to Camfil CamCarb holding frames. Built-up bank and side-access housing versions are available. Image shows a 24" x 24" frame.

DATA NOTES:

Please contact factory for assistance in selecting the optimum molecular removal media for your application. Operating temperature limitation is 105° F (41° C). Not for installation in condensing environments or applications where entrained moisture is present.

Specification

1.0 General

- 1.1 - Media shall be as noted on enclosed drawings or other supporting materials.
- 1.2 - Sizes shall be as noted on enclosed drawings or other supporting materials.

2.0 Construction

- 2.1 - Construction shall be as noted on enclosed drawings or other supporting materials.
- 2.2 - Construction shall be as noted on enclosed drawings or other supporting materials.
- 2.3 - Construction shall be as noted on enclosed drawings or other supporting materials.
- 2.4 - Construction shall be as noted on enclosed drawings or other supporting materials.
- 2.5 - Construction shall be as noted on enclosed drawings or other supporting materials.
- 2.6 - Construction shall be as noted on enclosed drawings or other supporting materials.

Media Code: CEX00, CEX00A3, CP8, CP88, CP10, CP15

Product Code: CC - CamCarb

Model and Nominal Length: 35 inches

3.0 Performance

Performance data is provided in the Performance Data table. See table for typical mass per 24" x 24" opening and residence time.



Conover NC, Corcoran CA, Crystal Lake IL, Riverdale NJ, Concord Ontario
 Washington, NC
 Toll Free: (877) 658-6588 | Email: Sales-WA@camfil.com

