

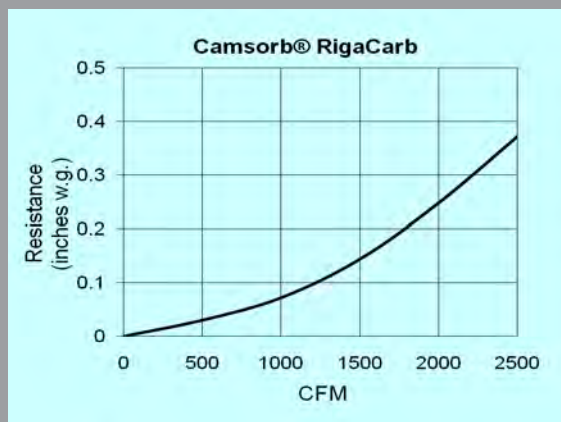


CamSorb® RigaCarb

Deep Pleated Carbon Media in a RigaFlo® Frame



High capacity, low pressure drop, box style filter for nuisance odors, acid gases and diesel emissions



Only 0.25" w.g. pressure drop at 500 fpm

Camfil's CamSorb RigaCarb will improve indoor air quality by controlling offensive and nuisance odors. The CamSorb RigaCarb deep pleated filter is manufactured from familiar Camfil Riga-Flo components, and is designed to fit anywhere a Riga-Flo, or headered style Riga-Flo can be installed.

Several models of the CamSorb RigaCarb filter are available to treat common odors that may be drawn into high-rise buildings, offices, shops, sports halls, concert halls, hotels, banks, and schools. The filters are designed with features for both make-up and air recirculation applications. The RigaCarb:

- Has a high (>95%) initial odor removal efficiency at low odor concentrations typical of urban air.
- Has a very low pressure drop; resistance to airflow is minimized to ensure low energy usage cost.
- Does not produce carbon dusting.
- Has a galvanized metal enclosing frame and is available with or without a header.

Model 201 contains high-activity RAD (rapid adsorption dynamic) activated carbon, and is designed to control ozone, odors from restaurants, photocopiers, cleaning products, paint odor, wood finishes, padded furniture, dry cleaned clothes, human occupants, forest fires, repaving and re-roofing.

Model 202 includes specially treated RAD media for control of acid gases (e.g.; oxides of sulfur and nitrogen) and odors from power plants, sewerage odors and fuel combustion. Typical applications include museums, clinics and airports.

Model 205 contains specially treated RAD media for control of odors from diesel trucks and automobile traffic, including burned fuel by-products and formaldehyde.

Important: To control fine particulate contributing to the odor load, install a particulate filter with a MERV-13 or higher rating upstream of all RigaCarb molecular filters.

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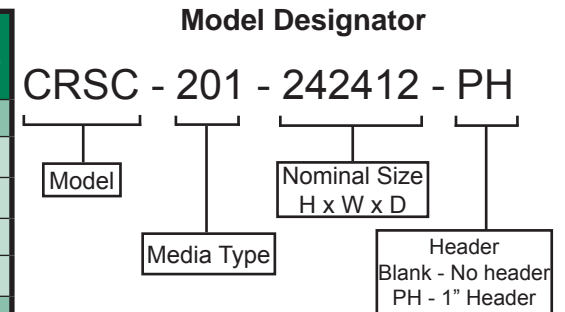


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Performance Data

Model	Actual Size H x W x D (inches)	Initial Resistance (inches, w.g.)	Rated Airflow (cfm)	Weight
Activated Carbon for Standard HVAC Application				
CSRC-201-242412-PH	23-5/16 x 23-5/16 x 11-7/16	0.25	2000	34
CSRC-201-241212-PH	23-5/16 x 11-5/16 x 11-7/16		1000	20
CSRC-201-242412	23-5/16 x 23-5/16 x 11-7/16		2000	36
CSRC-201-241212	23-5/16 x 11-7/16 x 11-7/16		1000	21
Impregnated Carbon for Power Plants, Sewerage Odors, Fuel Combustion				
CSRC-202-242412-PH	23-5/16 x 23-5/16 x 11-7/16	0.25	2000	34
CSRC-202-241212-PH	23-5/16 x 11-7/16 x 11-7/16		1000	20
CSRC-202-242412	23-5/16 x 23-5/16 x 11-7/16		2000	36
CSRC-202-241212	23-5/16 x 11-7/16 x 11-7/16		1000	21
Impregnated Carbon for Diesel and Traffic Odors				
CSRC-205-242412-PH	23-5/16 x 23-5/16 x 11-7/16	0.25	2000	34
CSRC-205-241212-PH	23-5/16 x 11-7/16 x 11-7/16		1000	20
CSRC-205-242412	23-5/16 x 23-5/16 x 11-7/16		2000	36
CSRC-205-241212	23-5/16 x 11-7/16 x 11-7/16		1000	21



DATA NOTES:

PH in model number designate that the filter has a nominal 1" header for side-access installations. Whenever possible, protect carbon filters and ensure long life with a Camfil MERV 13 filter or better. Suggested products include Camfil Durafil ES (Product Sheet 1515), Camfil RigaFlo® (Product Sheet 1303), Camfil Hi-Flo® (Product Sheet 1203), or at a minimum, a Camfil 30/30®. Headered models may be mounted into new or existing filter channels. Other media and applications available by special order. Contact the factory.

Specification

Air Filters—1.0 General

- 1.1 - Air filters shall be adsorbent-type, high-lofted supported media assembled in a compact and secure enclosing frame.
- 1.2 - Sizes shall be as noted on drawings or other supporting materials.

2.0 Construction

- 2.1 - Filter media shall be Camfil Type 201 activated carbon adsorbent media specifically designed to remove ozone, gaseous contaminants associated with restaurants, photocopiers, cleaning products, paint odors, furniture off-gassing and human bio effluents.
- 2.1 - Filter media shall be Camfil Type 202 activated carbon adsorbent media specifically designed to remove acid gases and odors from power plants, sewerage odors and fuel combustion.
- 2.1 - Filter media shall be Camfil Type 205 activated carbon adsorbent media specifically designed to remove odors from diesel trucks, automobile traffic, burned fuel by products and formaldehyde.)
- 2.2 - The filter media shall incorporate a rapid adsorption dynamic (RAD) for increased adsorption performance and contaminant adsorption rate.

2.3 - The media blanket shall be formed into uniform tapered radial pleats and bonded to a stiffened backing that is bonded to the downstream side of the media to preclude media oscillation. There shall be no less than 10 pleats per linear foot of filter face area.

2.4 - The media shall be mechanically and chemically bonded within the frame to prevent air bypass.

2.5 - The enclosing frame shall be constructed of corrosion resistant galvanized steel. Media support contour stabilizers, shall be mechanically fastened to the diagonal support members to create a rigid and durable filter enclosure. There shall be a minimum of four contour stabilizers on the air entering side and four on the air exiting side.

3.0 Performance

- 3.1 - The filter shall have a minimum initial toluene removal efficiency of >95% (at 500 fpm; 73° F., 50% RH, 80 ppm toluene). The filter shall have a minimum initial ozone removal efficiency of 90% (at 500 fpm, 73° F, 50% RH, 500 ppb ozone).
- 3.2 - Initial resistance to airflow shall not exceed 0.25" w.g. at an airflow of 500 fpm.
- 3.3 - Manufacturer shall provide evidence of facility certification to ISO 9001:2008.

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.



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