CamCarb VG

- **High efficiency installation in Camfil PSSA housing**
- **Simple and safe to handle and install.**
- **Disposable or may be refilled.**
- **Suitable for make-up and recirculation air systems**

Camfil CamCarb VG modules are plastic Vee-cell molecular filters. The primary use is control of acidic gases that are responsible for corrosion of electronic and electrical equipment in heavy process industries. The modules may be filled with any Camfil CamPure media to suit the specific customer application.

They may also be used in lighter applications such as airports, cultural heritage buildings, and commercial offices. There are two distinct product patterns; VG 300 and VG 440. These have different specifications for media weight, bed depth, and pressure loss to suit use in either fresh air or recirculation air applications.

Installation

For the highest performance and a leak-free installation, CamCarb VG modules must be installed in Camfil Positive Seal Side Access housings (PSSA). The unique approach to filter clamping and sealing with a compressive gasket ensures that the efficiency of the CamPure media is not compromised by external bypass.

The modules may also be used as replacements in many traditional side and front access housings.

CamCarb VG modules are packed in cartons with polyethylene liner to preserve media condition.

Lifetime

The achieved service life in any application will be influenced by several factors, including: airflow, type and concentration of the contaminant challenge, temperature, humidity and amount of media.

To ensure the ongoing effectiveness of the molecular filter installation, a series of life analysis tests should be conducted on media samples to determine the remaining capacity. The modules come with a sampling port for access of the media and Camfil provide a dedicated kit for collection of samples and shipment to the Camfil laboratory.

Technical data

Parameter	Unit	CamCarb VG 300	CamCarb VG 440
Nominal dimensions (HxWxD)	inches	12x12x12	6x12x18
Bed depth	inches	3	1
Media volume	ft^3	0.48	0.25
Nominal media weight	lbs	24.3	12.1
Nominal media weight per 24” x 24” area	lbs	97	97
Recommended face velocity	ft/m	</= 246	</= 492
Contact time at max velocity	sec	0.12	0.06
Typical pressure loss at max velocity	inches (w.g.)	0.8	0.24
Recommended use	-	Make-up air system	Recirculation air system

Material: Polystyrene (may be recycled)

Media options: CamPure 4, 8,9,10,15, CamPure/carbon blend CP44, CP84

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