

# CamCarb CG

## CC cylinder



### Avantages

- Leak-free installation ensures maximum possible efficiency
- 360 degree geometry and even air distribution ensures maximum possible lifetime
- Lowest possible Life Cycle Cost (LCC)
- May be filled with a wide range of molecular filtration medias
- Rapid bayonet fitting system and integral dual TPE gaskets
- Totally corrosion resistant
- Reduced weight compared to Metal version
- Modular and flexible assembly

**Application:** The most reliable molecular filter for high efficiency and long-term control of molecular contaminants in sensitive buildings and process industries.

**Type:** Cylindrical molecular filter cartridge manufactured from engineering grade resins.

**Filtration media:** Broad Spectrum activated carbon for control of odours, VOCs and ozone. Various impregnated medias for control of difficult gases e.g. hydrogen sulphide, ammonia, DMS etc.

**Temperature:** 40°C maximum in continuous service.

**Mounting system:** Dedicated base plate in 3 standard sizes (see separate page).

| Model | Diameter mm | Length mm | Carbon Type* | Rated Airflow m <sup>3</sup> /hr ** | Pressure loss Pa *** | Unit Weight kg | Unit volume-unpacked m <sup>3</sup> |
|-------|-------------|-----------|--------------|-------------------------------------|----------------------|----------------|-------------------------------------|
| 1300  | 148         | 240       | CEX003       | 1250                                | 65                   | 1.5            | 0.005                               |
| 2600  | 148         | 452       | CEX003       | 2500                                | 100                  | 2.7            | 0.01                                |
| 3500  | 148         | 595       | CEX003       | 3400                                | 150                  | 3.7            | 0.13                                |

\* Broad Spectrum carbon, 3 mm pellet size  
 \*\* Rated for 16 cylinders at a baseplate  
 \*\*\* At rated flow

### Text

CamCarb CG filters are filled with high quality activated carbon or CamPure media and are used for high efficiency removal of molecular contaminants from supply air, recirculation air and exhaust air ventilation systems in sensitive building and process applications.

CamCarb CG filters eliminate customer problems with different categories of airborne molecules, including; odours, irritants, toxic gases and corrosives (acidic gases).

The molecular filtration media is deployed in an annular pattern with uninterrupted 360 degree geometry along the entire length of the filter. This arrangement ensures even air distribution over the entire filter area and maximizes filter lifetime.

Filters mount onto a dedicated baseplate using integrated bayonet fastenings without the need for specialized tools. Three standard sizes of the modular baseplate allow the filter installation to be accommodated in any size air handling unit, duct or plenum.