



ADVANTAGES

- Leakage class C acc. EN 15727
- Easy maintenance
- Optional rail for particle prefilter panels
- For CamCarb cylindrical molecular filters with max depth 452 mm
- Build-in thermal insulation
- Corrosivity class C4 for Aluzinc housing material

Application

CamCube CC is a flexible and compact range of filter housings for cylindrical molecular filters having a maximum length of 452 mm. Two stage filtration is available as an option with a mounting rail for 48 mm particle pre or after filters. Housings are used in comfort and industrial applications.

Comment

Molecular filter types: CamCarb CG 1300/XG2600 or CamCarb CM 2600 filled with different types of adsorbents, depending on application. See the relevant catalogue page for further information.
 Particle filter types: Optional mounting rail for 48 mm particle pre or after filters. All filters shall have external dimensions 592x592 mm.
 Other standard features: Adjustable feet, factory mounted pressure ports, guide for housing connection, 45 mm thermal insulation. The door is hinged on the left or right and the orientation may also be changed on site.
 Other options: Lockable handles. Flange for housing connection. Stainless steel SS EN 1.4301 housing material.

CamCube CC is a flexible and compact range of filter housings for cylindrical filters in length 450 mm. Two stage filtration is available as an option with a prefilter or afterfilter mounting rail for panel filters. The housing is a sandwich design with 45 mm heat and condensation insulation between, covered with aluzinc sheet metal inside and outside (corrosivity class C4). The service hatch is hinged mounted. The endless gasket on the inside of the service hatch makes it highly airtight. The filter housing has a leakage class of C according to EN 15727. As standard the casing has M8 threads for mounting the filter housing. The filter housing is supplied with a guide connection, and a flange connection is available as an option.

Accessories:

- Prefilter or afterfilter mounting rail 50 mm
- Lockable handles
- Flange adaptor

Example specification text:

Filter housing: CamCube CC-1010.
 Design: Sandwich construction with 45 mm heat and condensation insulation, covered with double aluzinc sheet metal (corrosivity class C4)
 Leakage class C
 Filter: 16 pcs Camcarb 2600 GZ D=145 mm L=450 mm CEX003

Classification:

Leakage class C, according to the EN 15727:2010 standard
 Leakage class L1 according to the EN 1886:2007 standard
 Mechanical performance: D1 according to the EN 1886:2007 standard

| Type | Dimensions WxHxD (mm) | Inner flanges W1xH1 (mm) | Number of Cylinders | Weight (kg) | Airflow at 0,1s (m³/h) | Airflow at 0,2s (m³/h) |
|-------------------|-----------------------|--------------------------|---------------------|-------------|------------------------|------------------------|
| CamCube CC-L 0505 | 392x392x700 | 300x300 | 4 | 24 | 650 | 310 |
| CamCube CC-L 0510 | 392x692x700 | 300x600 | 8 | 34 | 1300 | 620 |
| CamCube CC-L 1005 | 692x392x700 | 600x300 | 8 | 34 | 1300 | 625 |
| CamCube CC-L 1010 | 692x692x700 | 600x600 | 16 | 43 | 2500 | 1250 |
| CamCubeCC-L 1015 | 692x992x700 | 600x900 | 24 | 55 | 3900 | 1875 |
| CamCube CC-L 1020 | 692x1292x700 | 600x1200 | 32 | 64 | 5200 | 2500 |
| CamCube CC-L 1025 | 692x1592x700 | 600x1500 | 40 | 76 | 6500 | 3150 |
| CamCube CC-L 1030 | 692x1892x700 | 600x1800 | 48 | 85 | 7800 | 3750 |
| CamCube CC-L 1510 | 992x692x700 | 900x600 | 24 | 53 | 3900 | 1875 |
| CamCube CC-L 1515 | 992x992x700 | 900x900 | 36 | 66 | 5850 | 2810 |
| CamCube CC-L 1520 | 992x1292x700 | 900x1200 | 48 | 76 | 7800 | 3750 |
| CamCube CC-L 1525 | 992x1592x700 | 900x1500 | 60 | 89 | 9750 | 4685 |
| CamCube CC-L 1530 | 992x1892x700 | 900x1800 | 72 | 99 | 11700 | 5625 |
| CamCube CC-L 2010 | 1292x692x700 | 1200x600 | 32 | 62 | 5200 | 2500 |
| CamCube CC-L 2015 | 1292x992x700 | 1200x900 | 48 | 77 | 7800 | 3750 |

| Type | Dimensions WxHxD (mm) | Inner flanges W1xH1 (mm) | Number of Cylinders | Weight (kg) | Airflow at 0,1s (m ³ /h) | Airflow at 0,2s (m ³ /h) |
|-------------------|-----------------------|--------------------------|---------------------|-------------|-------------------------------------|-------------------------------------|
| CamCube CC-L 2020 | 1292x1292x700 | 1200x1200 | 64 | 86 | 10400 | 5000 |
| CamCube CC-L 2025 | 1292x1592x700 | 1200x1500 | 80 | 100 | 13000 | 6250 |
| CamCubeCC-L 2030 | 1292x1892x700 | 1200x1800 | 96 | 109 | 15600 | 7500 |
| CamCube CC-L 2510 | 1592x692x700 | 1500x600 | 40 | 74 | 6500 | 3125 |
| CamCube CC-L 2515 | 1592x992x700 | 1500x900 | 60 | 89 | 9750 | 4685 |
| CamCube CC-L 2520 | 1592x1292x700 | 1500x1200 | 80 | 98 | 13000 | 6250 |
| CamCube CC-L 2525 | 1592x1592x700 | 1500x1500 | 100 | 113 | 16250 | 7810 |
| CamCube CC-L 2530 | 1592x1892x700 | 1500x1800 | 120 | 123 | 19500 | 9375 |
| CamCube CC-L 3010 | 1892x692x700 | 1800x600 | 48 | 83 | 7800 | 3750 |
| CamCube CC-L 3015 | 1892x992x700 | 1800x900 | 72 | 99 | 11700 | 5625 |
| CamCube CC-L 3020 | 1892x1292x700 | 1800x1200 | 96 | 108 | 15600 | 7500 |
| CamCube CC-L 3025 | 1892x1592x700 | 1800x1500 | 120 | 124 | 19500 | 9375 |
| CamCube CC-L 3030 | 1892x1892x700 | 1800x1800 | 144 | 134 | 23400 | 11250 |