



Camcleaner 400 (CC400) Air Cleaner is a versatile purification unit suitable for spaces <math>< 13,000 \text{ ft}^3</math>. It can be configured with various combinations of particulate and molecular filters required for applications such as dust, smoke, decontamination gas, odor and corrosion. Multiple units can be set up in a space to create improved air movement and more effective contaminant removal.

Construction Details

Body Material: galvanized or 316 stainless steel

Power: 120V/60Hz or 240V/60Hz

Duct Connection: 10" diameter

Airflow: Maximum 400 cfm

6-stage controller card

Modbus protocol connection

Air Image Sensor

Installation: In-line with ducting or standalone wall- or ceiling-mounted

Fan: Electrically Commutated (EC)

Sound Level @ 5' perimeter: 61.3 DB

Pressure Sensing Taps: placed up and downstream of particulate filters

- Versatile air cleaner to treat spaces up to 13,000 ft³
- Suitable for a variety of applications requiring various combinations of particulate and/or molecular filters
- Available for concealed in-line ducting installation or as a standalone wall- or ceiling-mounted recirculation unit

Versatility

CC400 can accommodate a variety of filter combinations tailored to the specific application. Particulate filters supplied by Camfil are tested under ASHRAE 52.2 and Appendix J. Molecular filters are tested according to ISO 10121-2:2014.

Lifetime

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

Standard Configurations

| Model | Part Number | Nominal dimensions (WxHxD) inches | Weight (lbs) | Airflow (cfm) | Initial Pressure Drop ("wg) | Power Output (W) | Current Draw (Amp) | Filters in Standard Version |
|-----------------------------------|-------------|-----------------------------------|------------------------------------|---------------|-----------------------------|------------------|--------------------|---|
| CC400 120V (Galvanized) | 94000080 | 43.8 x 12.3 x 12.9 | 48.3 | 0-400 | 0.55 | 170 | 2.4 | Hi-Flo XLT + HEPA |
| CC400 120V (T-316/SS) | 94000090 | 43.8 x 12.3 x 12.9 | 48.3 | 0-400 | 0.55 | 170 | 2.4 | Hi-Flo XLT + HEPA |
| CC400 240V (Galvanized) | 94000103 | 43.8 x 12.3 x 12.9 | 48.3 | 0-400 | 0.55 | 170 | 1.4 | Hi-Flo XLT + HEPA |
| CC400 240V (T-316/SS) | 94000092 | 43.8 x 12.3 x 12.9 | 48.3 | 0-400 | 0.55 | 170 | 1.4 | Hi-Flo XLT + HEPA |
| CC400 Molecular 120V (Galvanized) | M34003688 | 43.8 x 12.3 x 12.9 | 43.5 (each cylinder adds 8-13 lbs) | 0-400 | 0.71 | 170 | 2.4 | 30/30 D9 + Four (4) CamCarb CG3500 Cylinders (sold separately with appropriate media) |
| CC400 Molecular 120V (T-316/SS) | M34003827 | 43.8 x 12.3 x 12.9 | 43.5 (each cylinder adds 8-13 lbs) | 0-400 | 0.71 | 170 | 2.4 | 30/30 D9 + Four (4) CamCarb CG3500 Cylinders (sold separately with appropriate media) |

Upgrades

| Description | Part Number | Type |
|---|-------------|--|
| Pre-filter + Molecular + HEPA | 94000117 | Filter Configuration |
| Pre-filter + HEPA + Molecular | 94000118 | Filter Configuration |
| Recirculation Kit - Inlet Screen and Louvered Discharge | M21K00040 | Standalone Recirculation Configuration |

Replacement Filters

| Description | Part Number | Type | No. Filters/Machine |
|-----------------------------------|-------------|------------------|---------------------|
| 30/30 Dual 9 Prefilter | 406331099 | Prefilter | 1 |
| Hi-Flo F7 (MERV 13A) Bag Filter | 94020023 | Prefilter | 1 |
| 3GPA F7 (MERV 13) 4" Panel Filter | M34003341 | Prefilter | 1 |
| H13 (99.95%) HEPA Filter | M34003115 | Final Filter | 1 |
| H14 (MERV 99.995%) HEPA Filter | 94000104 | Final Filter | 1 |
| CamCarb CG3500 Acids_H2S | M23000279 | Molecular Filter | 4 |
| CamCarb CG3500 Decontaminate | M23000414 | Molecular Filter | 4 |
| CamCarb CG3500 Terpenes | M23000430 | Molecular Filter | 4 |
| CamCarb CG3500 VOC_O3_NO2_SO2 | M23000323 | Molecular Filter | 4 |

Note: Molecular filters with different media options are available based on the application.



CC400 with 30/30® Dual 9 Prefilter and CamCarb CG Cylinders



Filter options for CC400



For detailed specifications please consult your local Camfil Distributor, Representative or [CC400](#).

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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