CC 400 ProSafe

Air Cleaner

CC 400 ProSafe has been developed specifically for process safety with anti-microbial growth certificates for all materials (ISO 846 and VDI 6022) and fulfilling the food safety requirements (of the EC 1935). The air cleaner design with plug and play installation, is ideal to be integrated into the ductwork as an easy upgrade of the filtration in HVAC systems.

ProSafe is a Camfil certification program for products used in sensitive processes like in Food & Beverage or Life Science industry, where there are strict requirements for safety, traceability and control.

CC 400 ProSafe features a two-stage filtration system. Each unit includes a bagfilter ePM$_1$ 60% according to ISO 16890 as pre-filter and an individually scan tested HEPA H14 filter according to EN 1822 as final stage.

The unique design of Camfil filters, filter media developed for low initial pressure drop and flat development curve over time, ensures that the CC 400 ProSafe operates with low energy consumption.

The device has 6 different preset working points, delivering a maximum airflow of 520 m^3/h. The air flow in the unit is unidirectional, entering from one side, passing through the two filtration stages and being released through the intake on the opposite side.

KEY BENEFITS

Application Design
F&B / Life Science Segment

HEPA Filtration
Absolute™ H14 filter class EN 1822
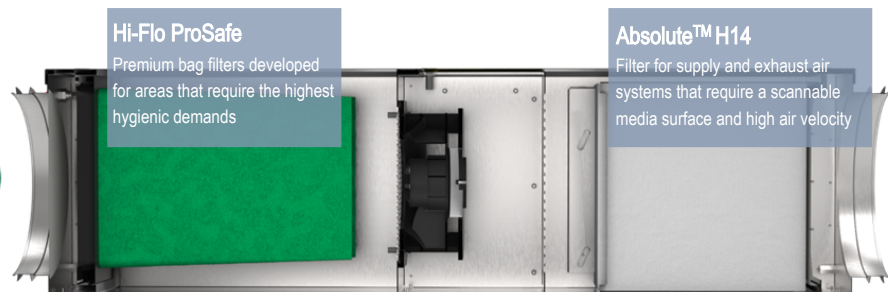
Plug & Play
Easy to install and operate

TCO
Low running costs

Two-stage filtration system that ensures airborne contaminants are removed efficiently

Hi-Flo ProSafe
Premium bag filters developed for areas that require the highest hygienic demands

Absolute™ H14
Filter for supply and exhaust air systems that require a scannable media surface and high air velocity
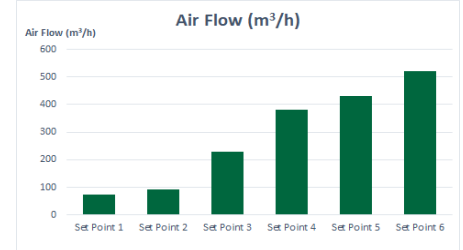
Air inlet

Air outlet

APPLICATION

Camfil's CC 400 ProSafe meets the specific demands of clean air and hygiene of **Food & Beverage** and **Life Science** industry and protects the processes from airborne particulate contaminants.

PERFORMANCE DATA

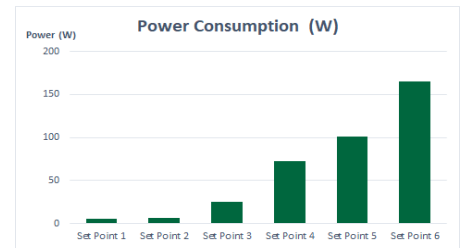| Set Point	Airflow (m³/h)	Pressure drop pre / HEPA (Pa)	Sound Level* (dB)	Power Consumption** (W)
1	75	6.9 / 26	23.4	6
2	93	7 / 26	30.8	7
3	230	22.7 / 91	39.2	25
4	380	38 / 170	48.0	73
5	430	44 / 201	51.0	101
6	520	55 / 260	56.5	165

Data Notes:

All values are obtained for the specified combination of Camfil air filters.

 * : Values for sound pressure level, LpA, at 1m.

**: Values obtained when new and clean Camfil filters are used

SPECIFICATION

General

Dimensions: 340 x 325 x 1173 mm (HxWxD)
Weight: 22 kg
Housing material: stainless steel AISI 316L
Connection: standard circular (diameter 250 mm)
Power supply: 1-phase 230 V, 50/60 Hz
Fan: EC fan with adjustable air flow and ModBus connection
Installation: wall or ceiling (built in)

Construction (see picture)

1. Air inlet
2. Air outlet
3. Connection socket
4. Housing
5. Control board
6. Top lid
7. Mounting option (M8)
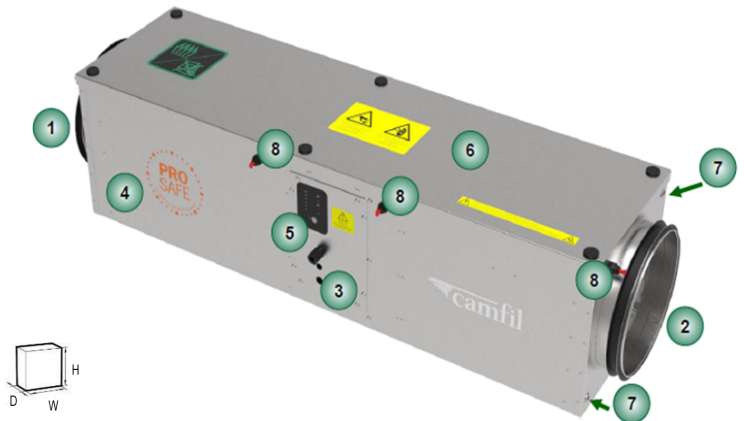8. Connection for pressure drop monitoring

Certifications and compliance

CE   ISO 846
ISO 16890   VDI 6022
EN 1822

FILTER OFFERING

Item No.	Item Name	Filter Class	Dimensions WxHxD (mm)	Airflow / pressure drop (m³/h / Pa)
1042292	Hi-Flo Prosafe XLT 7/370	ePM$_1$ 60%	287 x 287 x 370	800 / 100
94000214	Absolute DR	H14	287 x 287 x 292	580 / 290

For detailed specifications please consult your local Camfil Distributor or Representative or www.camfil.com