

Filtac CC-S cylinder filter for gas filtration

Filtac CC-S

The Filtac CC-S is a sturdy, cylindrical gas filter with a bayonet mount that can be used for everything from light to heavy gas filtration applications.

The cylinder consists of an inner and outer cylinder manufactured in perforated steel (galvanised, AISI 304 or AISI 316L) enclosing the gas filtering media, typically carbon, but in some cases chemisorbents. The choice of gas filter media depends on the application and operating conditions.

The front end is provided with a bayonet type connection for attachment to a mounting plate (see detail below of the mounting plate). The rear housing is fitted with four holes such that one can easily grasp the cylinder with a simple tool as it is assembled.

The cylinder is 145 mm in diameter and is available in three lengths: 250, 453 and 600 mm.



- Robust and industrial design.
- 25 mm deep media bed.
- Available in galvanised, AISI 304 and AISI 316L.
- Can be filled with all types of gas filter media.
- Air tight mounting.
- Can be reused and refilled if the cylinder is not damaged.
- Available in three lengths: 250, 453 and 600mm.
- Installation can be fully adapted to your current needs using our accessories.

The Filtac CC-S is a robust gas filter with air tight mounting.

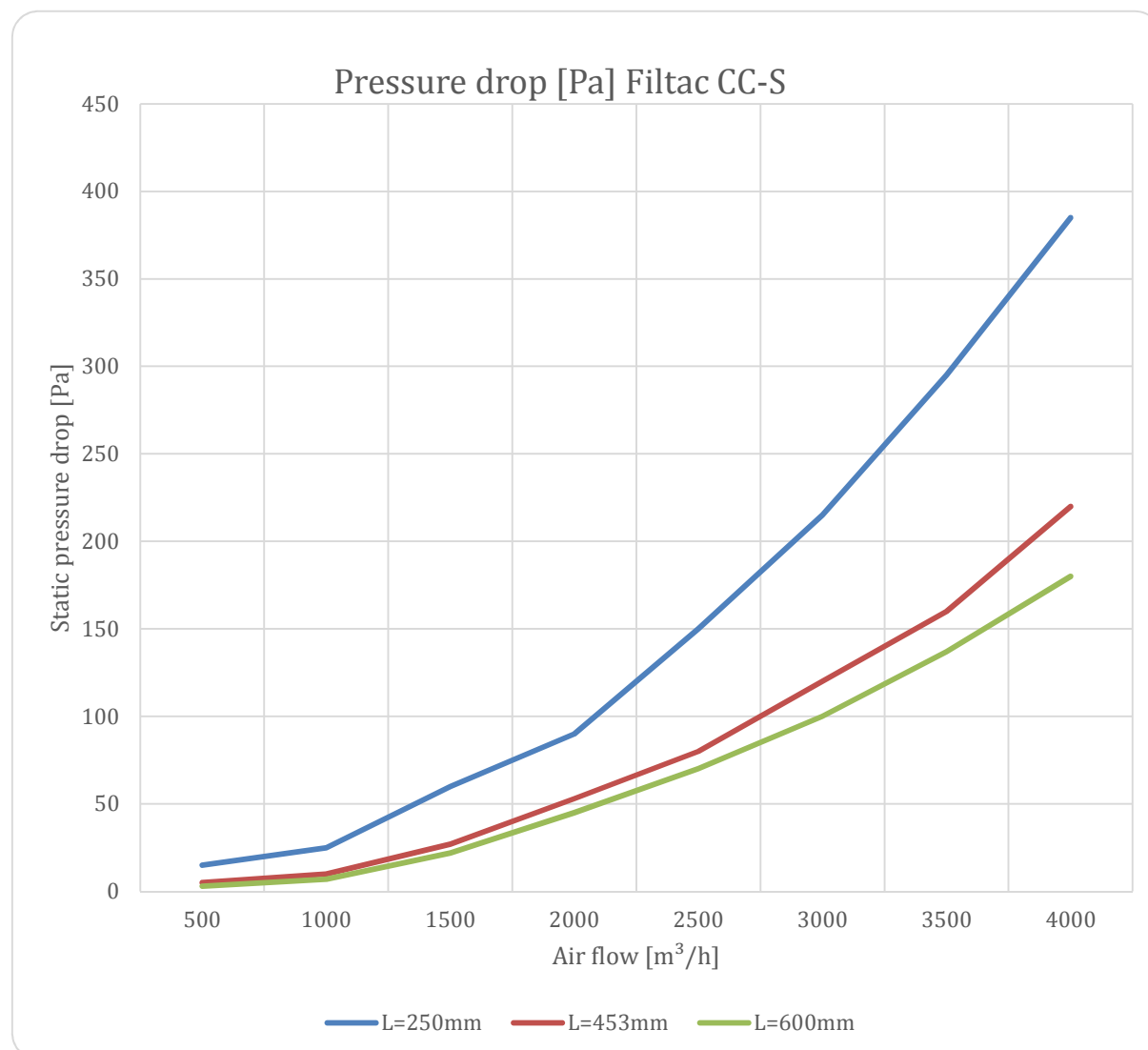
A gas filter should always be protected with a pre-filter, even the Filtac CC-S. The reason is that particles may contaminate the filter and destroy its function and performance. We always recommend at least filter class M6 (EN779: 2012).

If a filter is located in an environment that is sensitive to contamination downstream from Filtac CC-S, a safety filter (also called a security filter) is installed.

Filtac has a wide range of accessories such as housings, mounting panels, monitoring equipment, etc. for all common types of installations.

Technical specifications for the Filtac CC-S

Filtac CC-S 250	
Diameter [mm]	145
Length [mm]	250
Volume [liter]	2.2
Total weight with activated carbon [kg]	2.4
Nominal air flow [m ³ /h] per full size module (=16 cylinders) @ t=0.1 sec	1300
Filtac CC-S 453	
Diameter [mm]	145
Length [mm]	453
Volume [liter]	4
Total weight with activated carbon [kg]	4
Nominal air flow [m ³ /h] per full size module (=16 cylinders) @ t=0.1 sec	2300
Filtac CC-S 600	
Diameter [mm]	145
Length [mm]	600
Volume [liter]	5.3
Total weight with activated carbon [kg]	5.2
Nominal air flow [m ³ /h] per full size module (=16 cylinders) @ t=0.1 sec	3100

Pressure drop data for full size module (=16 cylinders) of the respective length (250/453/600mm)

Filtac CC-F, mounting plate
