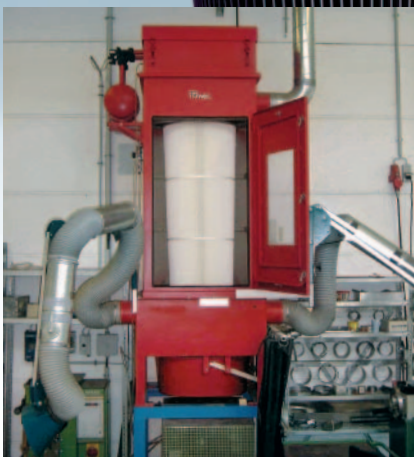


Multicell Filter Cartridges for Dust Filtration



Cartridge group top and bottom view



Applications

- Sand blasting plants
- Welding fume separation
- Pharmaceutical industry
- Separation of wood dust
- Pneumatic product conveying
- Paper industry
- Other dust filtration plants

Advantages

- More filter area on the same space
- Raw gas flow inside and outside
- Alternate jet pulse cleaning during operation
- Conical shape

Multicell Filter Cartridges for Dust Filtration

Features

The Multicell filter cartridge is designed for compact dust collectors. Only one cartridge per filter is needed for an air volume of up to 2500 m³/h. According to the air volume more cartridges can be added.

The Multicell filter cartridge consists of two conical shaped cartridges integrated into each other which use as well the empty inside cavity as filter surface.

The raw gas flows through the cartridge from inside and outside at the same time. The purified air escapes to the top.

The Multicell filter cartridge is divided into two cells. Both cells are cleaned alternately by jet pulses without interrupting the filtration process. The conical shape makes cleaning more effective. The compressed air flows in through an annular nozzle.

The maximum operating temperature of the Multicell filter cartridge is 80 °C. Filter cartridges for higher temperatures, with material of stainless steel or materials which are suitable for food contact are available on request.

The Multicell filter cartridge is installed from the raw gas side or the clean side.

Filter Media

The pleated filter media consist of polyester or polypropylene non wovens or needle felts. They can be equipped antistatic, oil and water repellent, with special coatings or membranes. They are certified in accordance with DIN EN 60335-2-69 and are suitable for the filtration of health hazardous dusts.

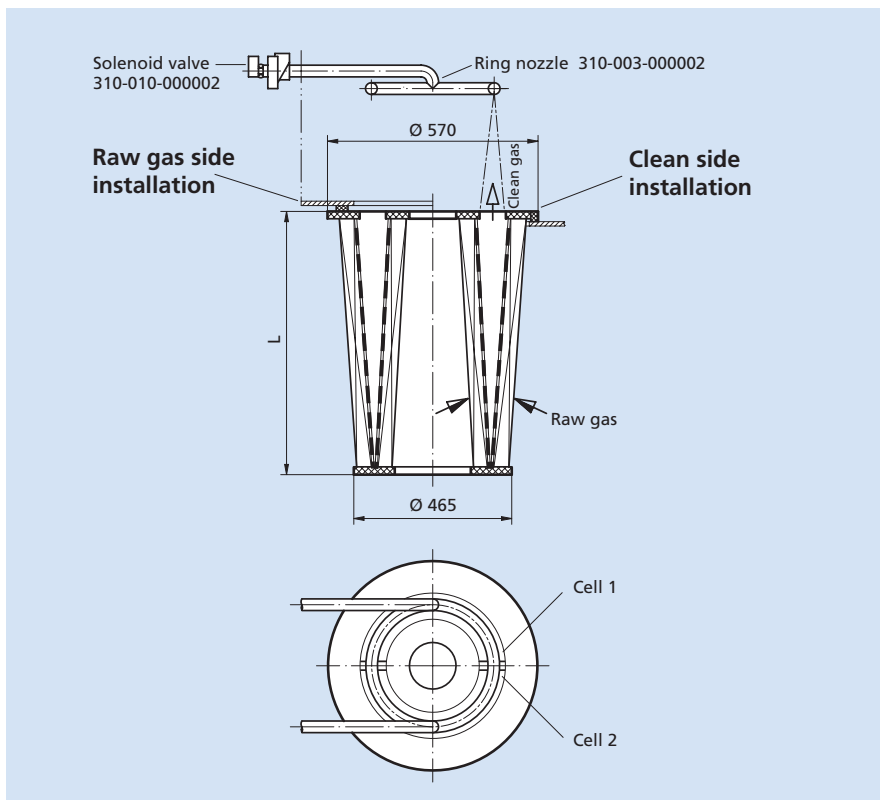
The filter medium is adjusted to the application in order to provide optimum performance in filtration.

Service

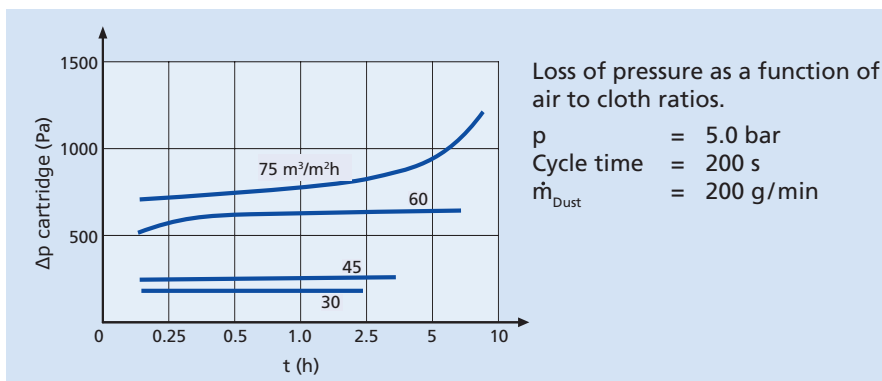
Of course we advise you on the selection of the filter medium and the design of your dust collector.

Accessories

Annular nozzle 310-003-000002, solenoid valve 310-010-000002, valve controllers.



Filter Resistance Characteristic Lines



Measures

Raw gas side installation		Clean side installation	
Length L [mm]	Filter area [m ²]	Length L [mm]	Filter area [m ²]
605	17	605	17
985	20	985	20
985	28	985	28
1205	34	1205	34



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