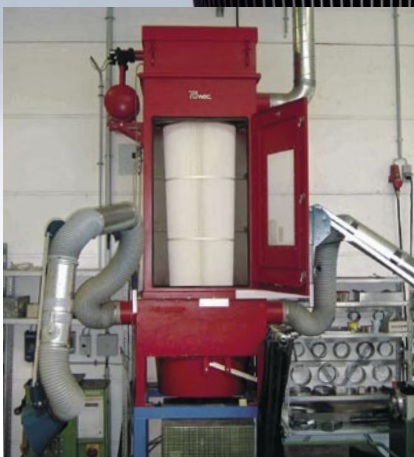


Multicell Filter Cartridges for Dust Filtration



Applications

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

Cartridge group top and bottom view

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 patented 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. Models for higher temperatures, with metal parts of stainless steel or FDA-approved versions 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 appendix AA and are suitable for the filtration of health hazardous dusts.

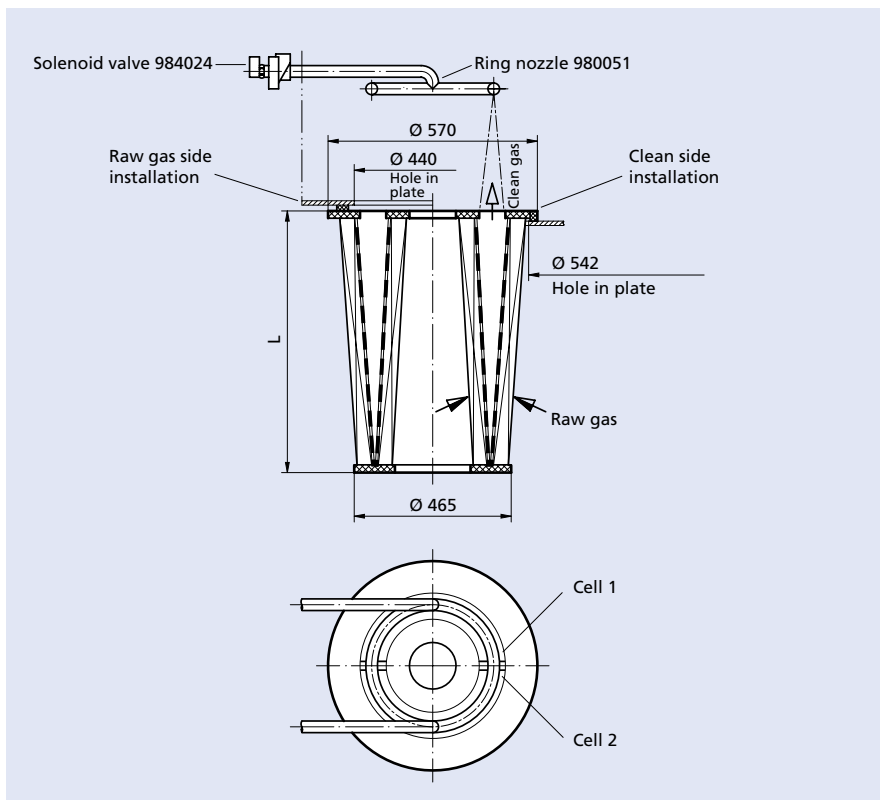
The filter medium is adjusted to the application in order to provide optimum performance in filtration.

Service

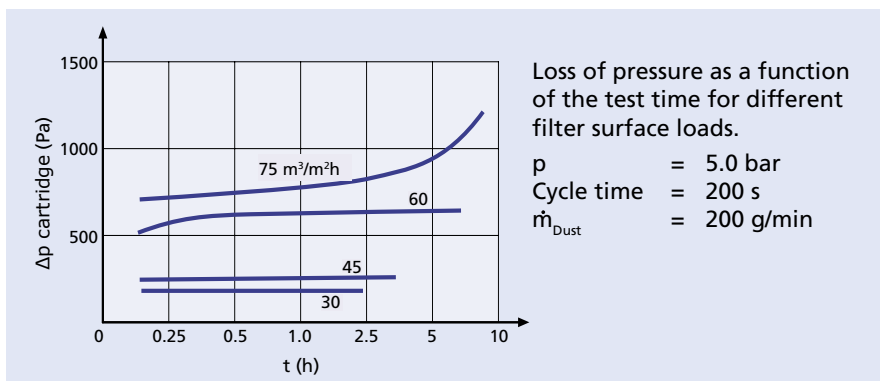
Of course we advise you on the selection of the filter medium and the design of your dust collector.

Accessories

Annular nozzle part no. 980051, solenoid valve part no. 984024, electronic control systems part no. 984039 and 984031



Filter Resistance Characteristic Lines

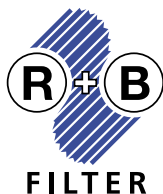


Measures

Part no. raw gas side installation	Part no. clean side installation	Length L [mm]	Filter area [m ²]
92576...	72576...	605	17
92578...	72578...	805	23
92561...	72561...	985	20
92571...	72571...	985	28
925712...	725712...	1205	34

The last 3 characters of above part numbers indicate the filter medium.

Example: Part no. 925712... with filter medium reference 973010 is filter cartridge 925712010 – Ø 570 x 1205 mm; 34 m² filter area, filter medium polyester non woven 973010 for raw gas side installation.



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