

## Dust filter cartridge

### 200 NZ

Ø 200 mm

#### 1. Features

Star-pleated Filtration Group dust filter cartridges are used to separate very fine particles from gases. The cartridge will be inflowed from the outside with dust loaded air or gas. The cleaned air flows inward through the open end cap to the clean side.

Regular, extensive material and performance tests are the key to the consistently high quality of Filtration Group dust cartridges. A team of dedicated engineers in our applications department and modern development laboratories constantly endeavour to mature and perfect our products. Applications tests both on the customer's side and in our own facilities form the backbone of affordable and reliable products.

#### Characteristics

- High loading capacity
- Improved cleaning properties
- High stability
- Installation on dirt side
- Universally suitable
- Optimised filter materials
- Worldwide distribution



## 2. Technical Data

### Materials

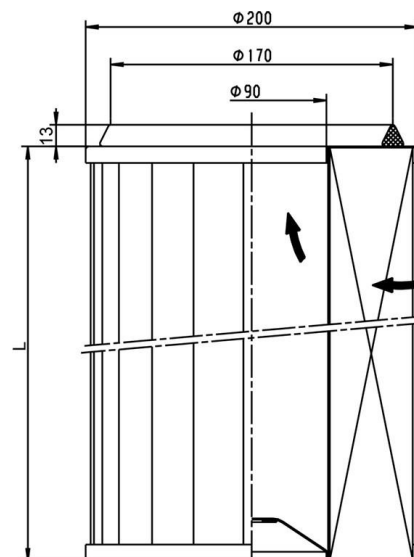
<b>Inner core:</b>	Galvanized steel
<b>End caps:</b>	Galvanized steel
<b>Seal:</b>	PUR soft material
<b>Filter material:</b>	Ti 08 - Electrostatical conductive polyester fleece, aluminium coated
	Ti 15 - Polyester fleece
	Ti 26 - Glass fibre, laminated
	Other filter materials on request

### Cleaning

<b>Nozzle:</b>	Multi-jet nozzle G1
<b>Cleaning pressure:</b>	3 bar to 4 bar (max. 5 bar)
<b>Differential pressure:</b>	max. 18 mbar

For information on the compressed air tank and consumption, see data sheets on cleaning units.

Technical data is subject to change without notice!



## 3. Order numbers

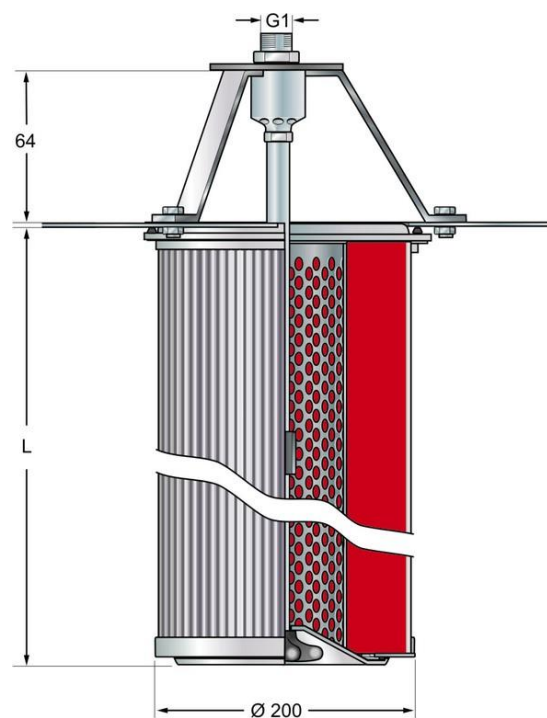
Order number	Type designation	Length L [mm]	Filter material	Filter surface [m²]	Max. volume flow* [m³/h]	Max. operating temperature [°C]	Electrostatical conductive
78310559	852 847 Ti 15-2.5	400	Ti 15	2.5	230	80	no
77951262	852 847 Ti 15-5		Ti 15	5	400		
79395492	852 847 Ti 26-2.5 silicone**		Ti 26	2.5	300		

\* These values may vary depending on the nature of the dust and the composition of the gas.

\*\* Depth filter

## 4. Installation

The 852 847 dust filter cartridge is fastened to the filter plate from the dirt side by means of a tie rod (tightening torque approx. 15 N m). A hole with a diameter of 88 mm must be drilled in the filter plate.



## 5. Accessories

Order number	Designation
76335046	Nozzle-M32 1; aluminium Multijet M 12

## 6. Cleaning

We recommend cleaning the dust filter cartridge with the Filtration Group multi-jet nozzle. The optimised geometry of the multi-jet nozzle guarantees excellent cleaning results with a significantly lower noise level.



## 7. Design

Please contact us for detailed technical information, any open questions and for general expert advice. Completion of the relevant questionnaire would facilitate in the coordination of all important parameters. Comprehensive documentation on our product range, cleaning units and cartridges can be provided.