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

Cleaning
Nozzle: Multi-jet nozzle G1
Cleaning pressure: 3 bar to 4 bar (max. 5 bar)
Differential pressure: max. 18 mbar
Compressed air consumption: 23 l (fad) per cleaning pulse
Pressure vessel capacity: approx. 5 l per filter cartridge

Technical data is subject to change without notice!

3. Order numbers

<table>
<thead>
<tr>
<th>Order number</th>
<th>Type designation</th>
<th>Length L [mm]</th>
<th>Filter material</th>
<th>Filter surface [m²]</th>
<th>Max. volume flow* [m³/h]</th>
<th>Max. operating temperature [°C]</th>
<th>Electrostatically conductive</th>
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<td>852 847 Ti 08-2.5</td>
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<td>79395492</td>
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* 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

<table>
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<th>Order number</th>
<th>Designation</th>
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<tr>
<td>76335046</td>
<td>Nozzle-M32 1; aluminium Multijet M 12</td>
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6. Cleaning

We recommend cleaning the dust filter cartridge with the Filtra-
tion 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.