

Filter Cartridges for Dust Collectors

Ø 150, 228, 327 mm Hot Gas Filtration



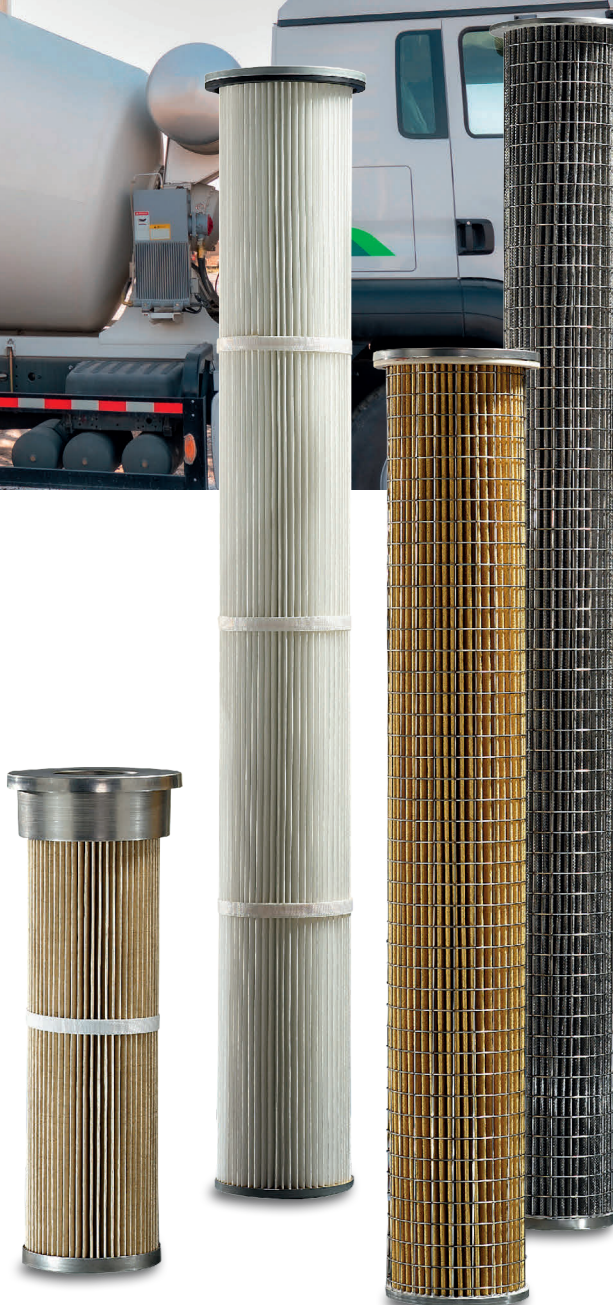
Customized solutions

APPLICATIONS

- Incineration plants
- Chemical industry
- Dryers
- Production and loading of building materials
- Foundries

ADVANTAGES

- Robust construction
- Especially resistant materials
- Long service life
- Individual solutions



Filter Cartridges for Dust Collectors

Ø 150, 228, 327 mm Hot Gas Filtration

FILTER MEDIA

Customized to application: polyester, polyphenylsulphide, polyimide, glass fibre, stainless steel weaves, other nonstandard media

FEATURES

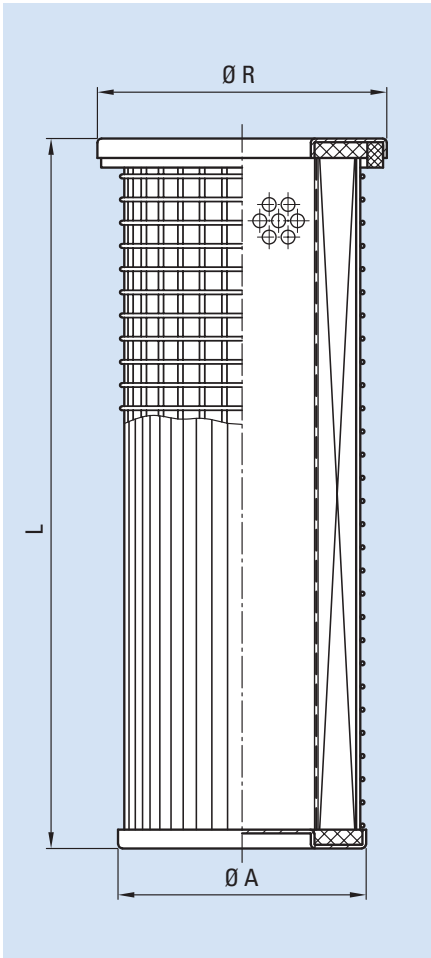
- Designed for the special conditions found in dust collection at high temperatures
- Maximum operating temperature 400 °C
- Metal parts of zinc plated steel or stainless steel
- Cleanable by jet pulses or washing
- Special types are for exceptional operating conditions are available on request

INSTALLATION

We recommend installation from the clean side. For operating temperatures above 220 °C the filter cartridges can be installed from the clean side only.

ACCESSORIES

- Filter holders
- Venturi nozzles



FILTER MEDIA

POSSIBLE EQUIPMENTS

Depending on the temperature range in which the filter cartridges are used we equip our filter elements with different filter media.

Temperature °C	Filter medium
80 - 140	Polyester non wovens, antistatic oil and water repellent, ePTFE membrane, finish
140 - 220	Needle felts, antistatic, ePTFE membrane
220 - 400	Weaves of stainless steel

FILTER CARTRIDGES, Temperature up to 220 °C

			80 - 180 °C	180 - 220 °C
Ø A [mm]	Ø R [mm]	Length L [mm]	Filter area [m²]	Filter area [m²]
150	175	982	2,5	2
228	260	982	5	4
327	353	982	16	10

FILTER CARTRIDGES, Temperature 220 - 400 °C

Ø A [mm]	Ø R [mm]	Length L [mm]	Filter area [m²]
150	175	1302	2,7
228	260	1302	4
327	353	1302	7,5

Technical changes reserved 05/24



We advise at the selection of the filter element, the best matching materials for the application as well as the design of dust collectors.

R + B Filter Mfg. Ent. Pvt. Ltd.

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