

Filter Panels for Dust Collectors

520 mm



Top optimized for most efficient cleaning

APPLICATIONS

- Deburring
- Chemical industry
- Surface technology
- Separation of welding fume
- Laser and plasma cutting
- Pharmaceutical industry

ADVANTAGES

- Capable of bearing high dust loads
- Venturi-shaped openings for efficient cleaning
- High mechanical loading capacity due to robust design
- Long service life



Filter Panels for Dust Collectors 520 mm

FILTER MEDIA

Customised to application: Non wovens or needle felts made of polyester and other nonstandard media

POSSIBLE EQUIPMENTS

- Antistatic
- Oil and water repellent
- Microporous finish
- ePTFE membrane

Certified in accordance with DIN EN 60335-2-69 appendix AA, Suitable for the filtration of health hazardous dusts

FEATURES

- Maximum operating temperature 80 °C
- Metal parts galvanized steel
- Cleanable by compressed air

SPECIAL TYPES

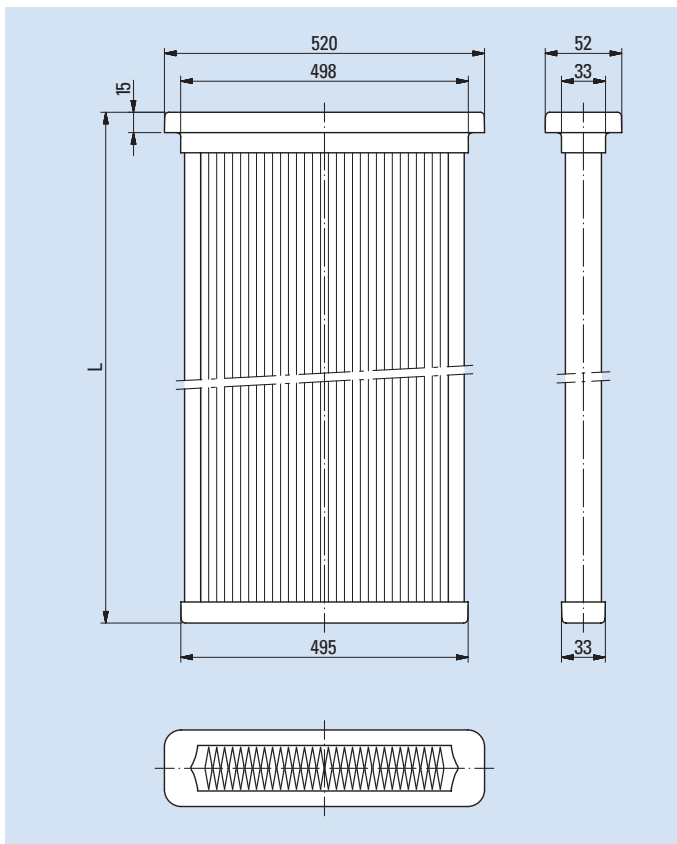
- Temperature resistant up to 120 °C
- Suitable for ATEX applications of all zones
- Certified for use in food production in accordance with EC and US FDA regulations
- Metal parts stainless steel
- Other individual solutions

ACCESSORIES

- Venturi nozzle 310-002-000008
- Gaskets
- Solenoid valves
- Valve control systems

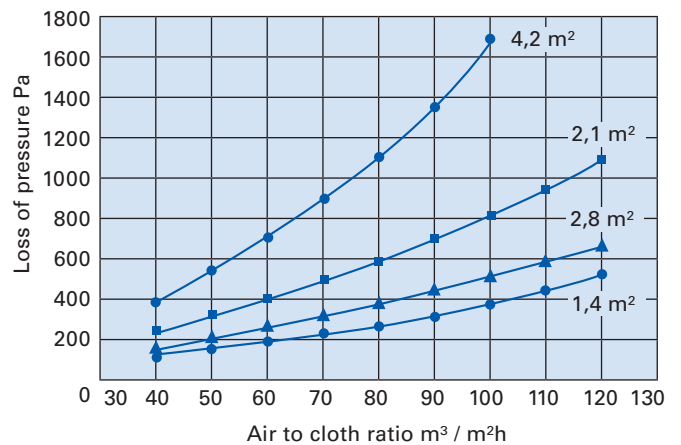
520-498 mm

Clean side installation



FILTER RESISTANCE CHARACTERISTIC GRAPH

Pressure loss of the filter panels as a function of air to cloth ratio



p = 5 bar, Cycle time = 100 s,
Pulse time = 30 ms, $k_{Raw} = 4 \text{ g} / \text{m}^3$

[mm]	Length L [mm]	Filter area [m²]
520-498	605	1,4
520-498	605	2,1
520-498	985	2,4
520-498	985	3,6
520-498	1205	2,8
520-498	1205	4,2

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.

E 16 / 17 / 18, G.I.D.C. Savli, Vill. Manjusar
Vadodara 391 775 · India

T +91 (0) 26 67 26 40 30 · M +91 (0) 97 12 90 56 30 · info@rbfilter.com · www.rb-filter.com

