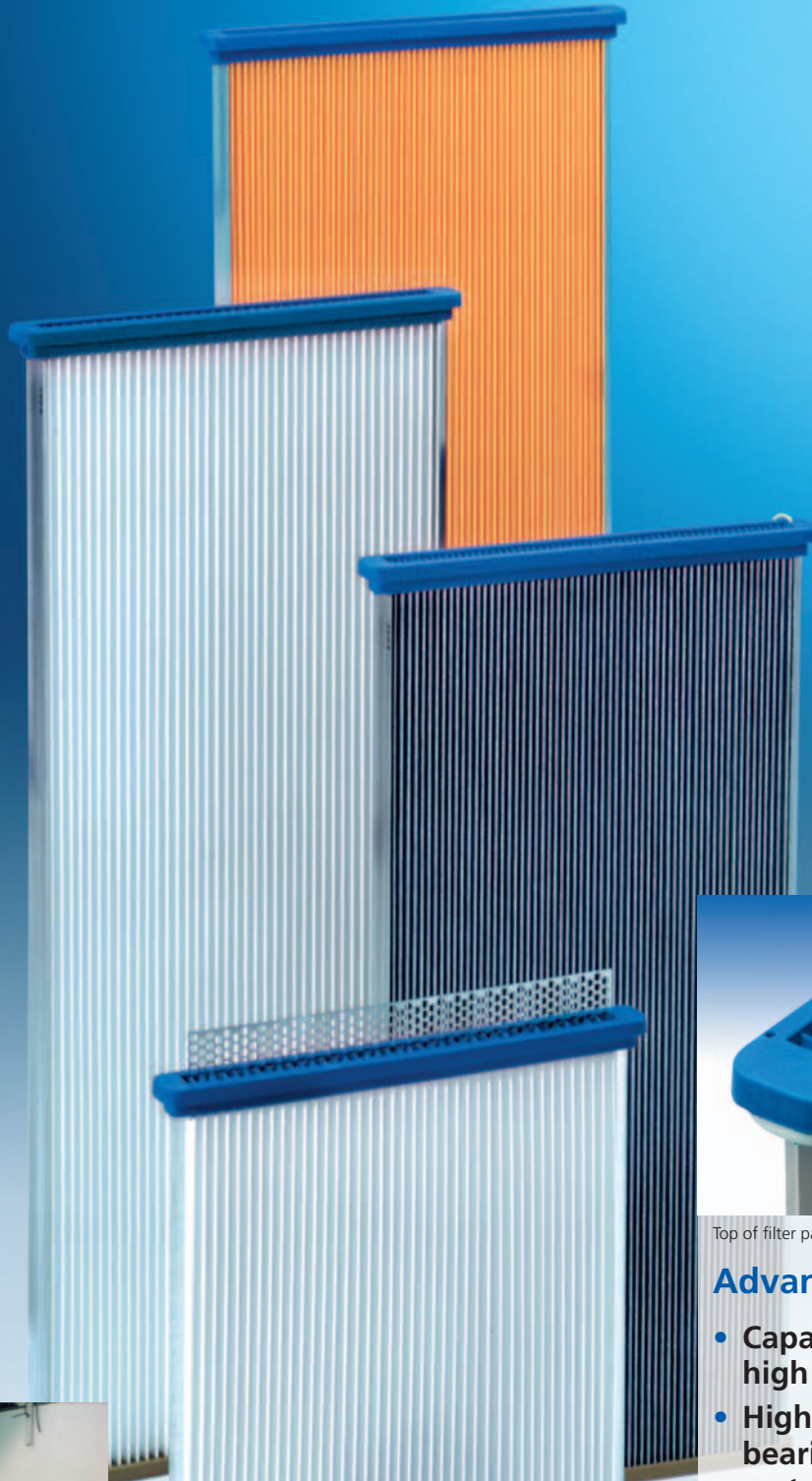


# Dust Filter Panels



Top of filter panel with Venturi-shaped openings



## Applications

- Separation of emulsion mist
- Chemical industry
- Separation of aerosols
- Absorption of grinding dust
- Industrial vacuum cleaners
- Separation of welding fume
- Product recovery
- Food industry

## Advantages

- Capable of bearing high dust loads
- High mechanical load bearing capacity by metal reinforcements as well as pleat tips firmly joint
- Top of panels with Venturi-shaped openings make cleaning more efficient
- Exceptionally long lifetime
- Excellent quality

# Dust Filter Panels

## Features

The filter panels are installed from the clean side either vertically or horizontally.

They are suitable for operating temperatures up to 60 °C. Filter panels for higher temperatures, with material of stainless steel or materials which are suitable for food contact are available on request.

Filter panels made by R + B Filter convince by their excellent quality.

## Filter Media

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

The pleated filter media consist of polyester 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 and are suitable for the filtration of health hazardous dusts.

## Cleaning

The pleated filter panels are cleaned by jet pulses or by vibration. In dependence on the mode of cleaning results the construction of the panel. For cleaning by jet pulses the tips of the pleats of the filter medium are firmly joint. For cleaning by vibration a metal plate is inserted loosely inside the panel.

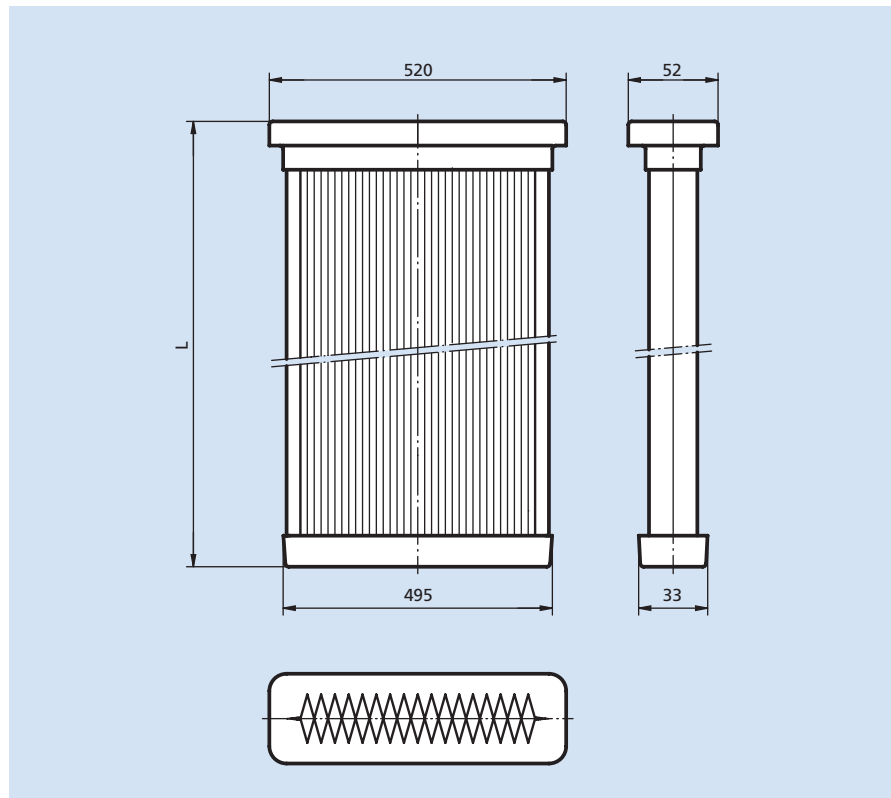
Venturi-shaped openings at the top of the filter panel enhance the efficiency of jet pulse cleaning.

## Service

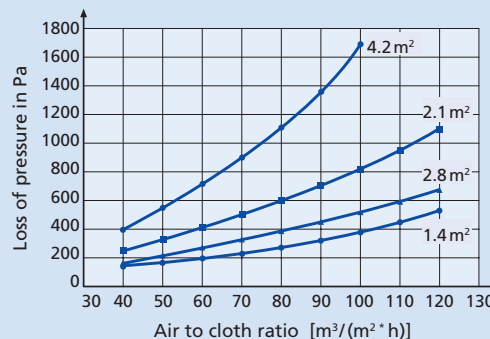
Of course we advise you on the selection of the best suitable filter medium and the design of your dust collector.

## Accessories

Venturi nozzle 310-002-000008, solenoid valves, gaskets, valve controllers.



## Filter Resistance Characteristic Lines



Loss of pressure of the filter panels as a function of air to cloth ratio.

$p = 5.0 \text{ bar}$   
 Cycle time = 100 s  
 Pulse time = 30 ms  
 $k_{Raw} = 4 \text{ g/m}^3$

## Measures

Length L [mm]	Filter area [m²]
605	1.4
605	2.1
985	2.4
985	3.6
1205	2.8
1205	4.2



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