

Bag Filter Housing VB - Series



With the bag filter housings of the VB series, all parts in contact with the media are made of polypropylene. All common filter bags in the specified sizes can be used for the various series.

All filter housings have a ventilation valve. As connections for the inlet and outlet, they have a + GF + screw-in part (also available with insert and union nut or additional spout). The bags are held in a support basket. A pressure gauge with a separating diaphragm and a drain ball valve are usually also fitted.

The bag filter housings are also available complete with a pump. In this case, they consist of a filter housing mounted on a polypropylene bracket and a centrifugal pump that is built into the console and completely piped to the filter housing. Pumps with mechanical seals made of plastic or stainless steel as well as magnetically driven pumps made of plastic are available. A motor protection switch and the associated cable with plug are normally included in the scope of delivery.

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The following filter bags from our delivery program are available for use in the bag filter housings of the VB series.

- Filter bags (Information on this can be found in product sheet 3.000)

Application areas

- ✓ water treatment
- ✓ Chemical industry
- ✓ Pharmaceutical industry
- ✓ Cosmetic industry
- ✓ Environmental technology
- ✓ Surface treatment
- ✓ Film and photo industry
- ✓ Beverage industry
- ✓ Food industry
- ✓ Electronics industry

Technical information

Flow rate: The flow rate of the bag filter housing depends on the bag size (see table).

Type	Bag size (mm)	Material	Sealing material	Connections (In- and Outlet)	Operating pressure (bar)	Operating temperature (°C)	max. output (m³/h)
VB-0	Size 0 (Ø 100 x 220)	PP	P, V	d20 (1"), d25 (1¼"), d32 (1½")	5,0	90	6
VB-X0	Size X0 (Ø 100 x 350)	PP	P, V	d20 (1"), d25 (1¼"), d32 (1½")	5,0	90	12
VB-1	Size 1 (Ø 180 x 420)	PP	P, V	d25 (1¼"), d32 (1½"), d40 (2")	3,5	90	18
VB-2	Size 2 (Ø 180 x 820)	PP	P, V	d25 (1¼"), d32 (1½"), d40 (2")	3,5	90	35

Explanation of symbols: PP= Polypropylene

P = Perbunan (NBR) max. 100°C
V = Viton (FPM) max. 200°C

Ordering information

Series	Size	Material	Sealing	Connection	Pump
VB	1	PP	P	d32	MP