

Datasheet

VBH Series Filter Housings

Model: VBH1 & VBH2 (sizes 1 & 2)

VBH Series Bag Filter Housings

These economical industrial bag filter housings are designed to accommodate a single filter bag (sizes 1 & 2) and are manufactured from 304 stainless steel. The housing is equipped with a swing bolt closure, providing a robust and secure sealing solution for demanding industrial applications.

The filter housing is supplied with adjustable stainless steel support legs for stable floor installation and safe operation. An integrated vent connection facilitates safe commissioning and easy maintenance.



Parameter	Specification
Model	VBH1 & VBH2 (sizes 1 & 2)
Number of bags	1 bag
Bag size	Size 1 & size 2
Housing material	Stainless steel 304 (standard) Stainless steel 316 (on request)
Seal material	EPDM as standard
Collar type	FSI-style collar or sewn-in steel ring
Inlet connection	2" BSP male
Outlet connection	2" BSP male
Vent connection	1/4" BSP female
Maximum operating pressure	10 barg
Max operating temperature	110 °C
Closure type	Swing bolts
Orientation	Vertical
Support	Adjustable stainless steel legs
Internal volume	Size 1: 18 litres Size 2: 35 litres
Weight	Size 1: approx. 29 kg Size 2: approx. 36 kg
Surface finish (standard)	Industrial
Application	Liquid filtration
PED compliance	PED 2014/68/EU – Article 4.3 (SEP)

General Information

The use of SS304 provides an economic solution for most applications. Also available in SS316L on request for increased corrosion resistance in more aggressive applications.

The swing bolt closure is well suited for industrial systems operating up to 10 bar and 110 °C.

The integrated vent connection supports safe start-up and complete system draining is achieved via the outlet, while the adjustable legs ensure safe and stable installation.

This filter housing is designed and manufactured in accordance with PED 2014/68/EU, Article 4.3.

Design & Construction

- Cylindrical pressure housing manufactured from SS304 as standard (316L available on request).
- Swing bolt closure ensures even compression and secure sealing.
- Adjustable legs provide mechanical stability and allow direct floor installation with flexible height adjustment.
- Designed for single bag installation.
- Integrated vent (1/4" BSP female) connection.
- Manufactured according to Sound Engineering Practice (SEP).
- Basket with handle for ease of removal.
- 2" BSP (male) connections as standard, other connection types are available on request. Please consult Techno Filter.
- Available with optional magnetic inserts.

Typical Applications

- Chemical processing
- Cooling systems
- Slip-stream filtration applications
- Food & beverage processing
- Process water and high-purity water systems
- Oil, fuel, and lubricant filtration
- Pre-filtration and final filtration in critical industrial processes

Ordering information

Code	Length (Bag size)	Connection inlet/outlet	Gaskets	Material	Basket
VBH	1 - Size 1 2 - Size 2	BM2 - 2" BSP Male	E - EPDM (standard)	M304	BS - Basket with handle

Disclaimer

All information in this datasheet is provided for guidance only and may be subject to change. The filter housing is manufactured in accordance with PED 2014/68/EU, Article 4.3 (Sound Engineering Practice). The end user is responsible for correct selection, installation, and operation within the specified design limits. The manufacturer accepts no liability for improper use or unauthorized modifications.