

Techno datasheet VBL Series

VBL Series Bag Filter Housing

The VBL Series bag filter housings are designed for reliable and cost-effective liquid filtration in industrial applications.

The VBL Series is a single-bag stainless steel housing suitable for bag length 1 and length 2, featuring a clamp band closure for quick and easy access. The housing is supplied with a standard support basket, adjustable support legs, a vent connection, and an EPDM gasket as standard.



Design & Construction

- Housing Material: Stainless Steel SS304
- Closure Type: Clamp band closure
- Gasket Material: EPDM (standard)
 - Other gasket materials available on request
- Support Basket: Included (standard)
- Support Legs: Included, adjustable in height

Filter Bag Specifications

- Number of Filter Bags: 1
- Compatible Bag Lengths:
 - Length 1
 - Length 2

Connections

- Inlet Connection: 2" BSP-M
- Outlet Connection: 2" BSP-M
- Vent Connection: 1/4" BSP-F

Operating Conditions

- Design Pressure: 9.2 bar(g)
- Working pressure: 6 bar(g)
- Design Temperature: 110 °C

Scope of Supply

- VBL bag filter housing (Model VBL2BM2EM304)
- Stainless steel support basket
- EPDM gasket
- Adjustable support legs

Applications

The VBL Series bag filter housings are suitable for a wide range of liquid filtration applications, including:

- Water and process water filtration
- Partial flow filtration (bypass/side-stream filtration)
- Chemical processing
- Food and beverage (utility and non-hygienic applications)
- Paints, coatings, and inks
- Oils and lubricants
- Cooling and circulation systems

Installation

- Installation Position: Vertical
 - Mounting: Floor-mounted with adjustable support legs
- (For detailed dimensions, see drawing and pictures)



Ordering information

Code	Length (inch)	Connection inlet/outlet	Gasket	Material
TF-VB	L1 - 0.25m ² L2 - 0.50m ²	BM2 - 2" BSP Male	EM - EPDM	304 - SS304

Example article code: TF-VBL2BM2EM304

Example article description: VBL Bag Housing SS304 Size 2 I/O-2" BSP
Gasket: EPDM v-Band body closure

Disclaimer:

This datasheet is provided for general information purposes only. All technical data and specifications are subject to change without prior notice. The information contained herein does not constitute a guarantee of performance or suitability for a specific application. Final selection and suitability of the product remain the responsibility of the user.

The VBL Series bag filter housings are manufactured in accordance with Sound Engineering Practice (SEP) as defined in Article 4.3 of the Pressure Equipment Directive (PED) 2014/68/EU.