

FLOWLINE™ Single Bag Filter Housing



Lightweight, cost-effective single bag filter housing meets a wide range of applications

Eaton's FLOWLINE single bag filter housing is a versatile, heavy-duty, cost-effective bag filter housing and the best choice for industrial, commercial and OEM applications that do not require a code stamp.

This single bag filter housing's lightweight but robust construction incorporates valuable features that heavy-duty applications demand. Units come standard with filter bag size 01 or 02 stainless steel restrainer baskets.

Features

- Side inlet with evacuation cover prevents spillage of unfiltered liquid, allowing for clean and easy filter bag change-outs
- Easy open cover features integral handle, 1/4" vent or gauge ports and "no tools" eye-bolt closures
- Cover opening direction easily adapts to different piping layouts and adjusts in the field to accommodate walls, posts or other obstructions

- Fabricated construction provides a cost-effective, lighter weight alternative to cast bag filter housings
- Adjustable mounting legs for simplified installation
- Ergonomic, integral cover handle is easy to open
- Smooth, bead-blasted finish, coupled with a minimum number of welds makes it easy to completely clean the interior
- Standard design available with threaded or flanged connections
- Constructed with 316 Ti stainless steel for high corrosion resistance

Options

- Buna-N® O-rings for the cover are standard. EPDM or Viton® seals and gaskets are available
- Multiple I/O connections to suit application

Viton® is a registered trademark of E. I. du Pont de Nemours and company.



Compression bag hold down creates 360 degree sealing between filter bag and bag filter housing



Ergonomic, integral cover handle is easy to open and close

For more information:

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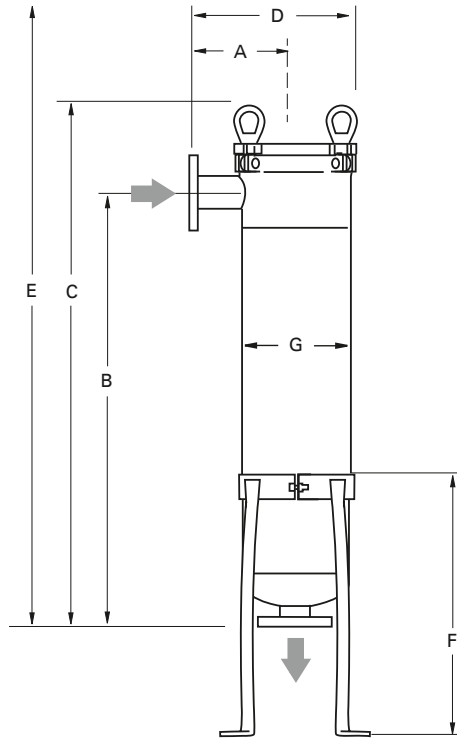
FLOWLINE Single Bag Filter Housing

Applications

Coarse filtration > 500 µm ✓
 Medium filtration > 10 µm
 Fine filtration < 10 µm

Pre-filtration ✓
 Safety filtration
 High volume
 Batch filtration ✓
 Circuit filtration
 Continuous filtration

Solvents, paints
 Fats and oils
 Catalyst, activated carbon
 Acids, bases
 Petrochemicals
 Water, waste water ✓
 Chemical industry
 Pharmaceuticals
 Metal cleaning
 Automotive
 Electronics
 Food and beverage
 Paint and lacquer
 Water treatment ✓
 Galvanic industry



Dimensions - mm

| Models | A | B | C | D | E | F | G |
|----------|-----|-----|------|-----|------|-----|-----|
| FBF-0101 | 150 | 489 | 656 | 265 | 939 | 485 | 195 |
| FBF-0102 | 150 | 884 | 1051 | 265 | 1708 | 485 | 195 |
| FBF-0101 | 150 | 487 | 654 | 299 | 965 | 485 | 195 |
| FBF-0102 | 150 | 882 | 1049 | 299 | 1753 | 485 | 195 |

Dimensions for reference only and approximate. Exact dimensions for installation purposes available on request.

Technical data

| Models | No. of filter bags | Size | Flow rate ¹ m ³ /h | Max. pressure bar | Max. temp. °C | Housing volume l | Housing weight kg | I/O connections |
|----------|--------------------|------|--|-------------------|---------------|------------------|-------------------|--------------------------|
| FBF-0101 | 1 | 01 | 20 | 10 | 120 | 15.5 | 17 | 2" BSP female thread |
| FBF-0102 | 1 | 02 | 40 | 10 | 120 | 27 | 23 | 2" BSP female thread |
| FBF-0101 | 1 | 01 | 20 | 10 | 120 | 15.5 | 21.5 | DN 50 PN 16 (DIN flange) |
| FBF-0102 | 1 | 02 | 40 | 10 | 120 | 27 | 27 | DN 50 PN 16 (DIN flange) |

¹ Maximum theoretical flow based on water viscosity, filter bag specific.

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