

SIDELINE™ Single Bag Filter Housing



*Reliable, mid-priced
filter housing for most
applications*

Eaton's SIDELINE single bag filter housing is a mid-priced bag filter housing for most industrial applications.

This single bag filter housing is a solid, investment-cast filter. 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
- Cover opening direction easily adapts to different piping layouts and adjusts in the field to accommodate walls, posts or other obstructions

- Compression hold down creates 360 degree sealing between the filter bag and the bag filter housing
- Ergonomic, integral cover handle is easy to open
- Standard design available with threaded or flanged connections
- Smooth, bead-blasted finish, coupled with a minimum two-weld design makes it easy to completely clean the interior
- Designed in accordance with Section VIII, Division 1 of the ASME Code

Options

- Available in 316 stainless steel for high corrosion resistance
- Magnetic inserts to collect metallic chips, fines and dust for sizes 01 and 02
- Buna-N® O-rings for the cover are standard. EPDM, Viton®, PTFE encapsulated Viton or silicone rubber seals and gaskets are available
- Multiple I/O connections to suit application
- Available with eye-bolt closure or T-bolt closure for faster maintenance

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SIDELINE with T-bolt closure (TSBF)



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

EATON

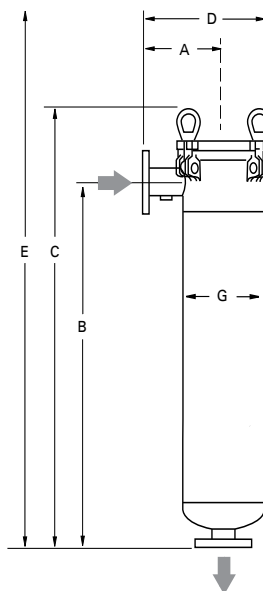
Powering Business Worldwide

SIDELINE 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 - inch (mm)

| Models | A | B | C | D | E | G |
|------------|------------|-------------|---------------|-------------|---------------|------------|
| SBF-0101 | 8.66 (220) | 19.50 (495) | 26.62 (676) | 14.38 (365) | 38.00 (965) | 8.62 (219) |
| SBF-0102 | 8.66 (220) | 35.00 (889) | 42.12 (1,070) | 14.38 (365) | 69.00 (1,753) | 8.62 (219) |
| SBF-0103* | 3.50 (110) | 11.81 (300) | 18.12 (460) | 7.48 (190) | 23.00 (584) | 4.49 (114) |
| SBF-0104* | 3.50 (110) | 17.87 (454) | 24.25 (616) | 7.48 (190) | 34.50 (876) | 4.49 (114) |
| TSBF-0101* | 8.66 (220) | 19.50 (495) | 23.62 (600) | 13.50 (343) | 32.48 (825) | 8.62 (219) |
| TSBF-0102* | 8.66 (220) | 35.04 (890) | 39.17 (995) | 13.50 (343) | 48.03 (1,220) | 8.62 (219) |
| TSBF-0103* | 3.50 (110) | 11.81 (300) | 15.52 (394) | 8.66 (220) | 19.06 (484) | 4.49 (114) |
| TSBF-0104* | 3.50 (110) | 17.91 (455) | 21.65 (550) | 8.66 (220) | 25.20 (640) | 4.49 (114) |

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 GPM (m ³ /h) | Max. pressure psi (bar) | Max. temp. °F (°C) | Housing volume gal (l) | Housing weight lb (kg) | I/O connections |
|------------|--------------------|------|--|-------------------------|--------------------|------------------------|------------------------|-----------------|
| SBF-0101 | 1 | 1 | 88 (20) | 150 (10) | 400 (160) | 4.75 (18) | 84.0 (38.1) | 2" flange |
| SBF-0102 | 1 | 2 | 115 (26) | 150 (10) | 400 (160) | 8.45 (32) | 102.0 (46.3) | 2" flange |
| SBF-0103* | 1 | 3 | 26 (6) | 300 (16) | 225 (160) | 0.79 (3) | 24.0 (12.0) | 1½" thread |
| SBF-0104* | 1 | 4 | 53 (12) | 300 (16) | 225 (160) | 1.19 (4.5) | 26.0 (13.0) | 1½" thread |
| TSBF-0101* | 1 | 1 | 88 (20) | 150 (6) | 400 (160) | 4.75 (18) | 84.0 (38.1) | 2" flange |
| TSBF-0102* | 1 | 2 | 115 (26) | 150 (6) | 400 (160) | 8.45 (32) | 102.0 (46.3) | 2" flange |
| TSBF-0103* | 1 | 3 | 26 (6) | 300 (16) | 225 (160) | 0.79 (3) | 24.0 (12.0) | 1½" thread |
| TSBF-0104* | 1 | 4 | 53 (12) | 300 (16) | 225 (160) | 1.19 (4.5) | 26.0 (13.0) | 1½" thread |

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

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