

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.

For smaller flow rates also available in the MINILINE™ version in sizes 03 and 04.

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

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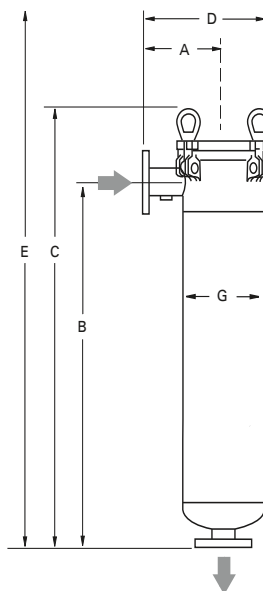
Powering Business Worldwide

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	176 (40)	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	176 (40)	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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