

FLOWLINE II™ Single Bag Filter Housing



One-piece body construction is the easy and economical choice for single bag filter housing applications

Eaton's FLOWLINE II single bag filter housing offers the most cost-effective solution to single bag filter housing requirements.

This single bag filter housing features a unique one-piece body design that eliminates the traditional body-to-bottom cap circumferential weld. 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 and gauge ports and "no tools" eye-bolt closures
- 316 stainless steel support basket

- Adjustable mounting legs for simplified installation
- Kynar® compression ring provides an advanced, long-term solution for securing the filter media and support basket into the enclosure
- Buna-N® O-ring seals for cover and basket
- Bead-blast, external finish is standard for stainless steel construction. Shop paint is standard for carbon steel construction

Options

- Available in 304 or 316 stainless steel for high corrosion resistance or carbon steel
- Available in three configurations: side in and bottom out; side in and side out on opposite sides for in-line piping; or side in and side out on the same side for loop design layouts or duplexing
- End connection options include 2" NPT or 2" 150# RF flanged. The size 02 unit is also available with 3" 150# RF flanges in the side in/side out and loop configuration as well as bottom out configuration

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Unique, internal body-to-basket O-ring seal prevents bypass and is easy to maintain

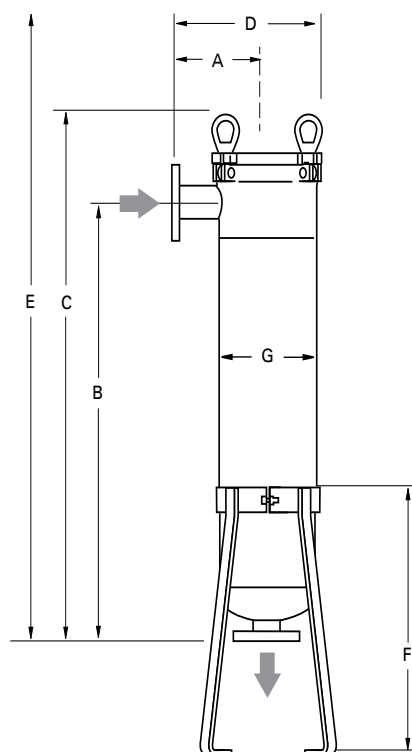
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Applications

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	F	G
SBL101_020N	4.80 (122)	18.39 (467)	25.25 (641)	9.88 (251)	35.55 (903)	19.10 (485)	7.68 (195)
SBL102_020N	4.80 (122)	33.55 (852)	40.41 (1,026)	9.88 (251)	66.50 (1,689)	19.10 (485)	7.68 (195)
SBL101_020A	6.84 (174)	19.67 (500)	26.54 (674)	11.92 (303)	34.44 (875)	19.10 (485)	7.68 (195)
SBL102_020A	6.84 (174)	34.83 (885)	41.70 (1,059)	11.92 (303)	67.52 (1,715)	19.10 (485)	7.68 (195)
SBL102_030A	7.98 (180)	35.30 (897)	41.93 (1,065)	12.15 (309)	68.31 (1,735)	19.10 (485)	7.68 (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 GPM (m³/h)	Max. pressure psi (bar)	Max. temp. °F (°C)	Housing volume gal (l)	Housing weight lb (kg)	I/O connections
SBL101_020N	1	01	88 (20)	150 (10)	250 (120)	4 (15.5)	37 (16.8)	2" thread
SBL102_020N	1	02	115 (26)	150 (10)	250 (120)	7 (27.0)	50 (22.7)	2" thread
SBL101_020A	1	01	88 (20)	150 (10)	250 (120)	4 (15.5)	37 (16.8)	2" flange
SBL102_020A	1	02	115 (26)	150 (10)	250 (120)	7 (27.0)	50 (22.7)	2" flange
SBL102_030A	1	02	176 (40)	150 (10)	250 (120)	7 (27.0)	69 (31.4)	3" flange

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

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