

ECOLINE™ Single Bag Filter Housing



Lightweight, economical single bag filter housing for commercial applications

Eaton's ECOLINE single bag filter housing is a light-weight design for commercial, OEM, non-hazardous, low-pressure applications that do not require a code stamp.

This single bag filter housing is a highly cost-effective solution for price-sensitive applications and features a handy V-clamp closure and threaded couplings. Units come standard with filter bag size 01, 02, 03 or 04 stainless steel restrainer baskets.

Features

- Side inlet with evacuation cover prevents spillage of unfiltered liquid, allowing for clean and easy filter bag change-outs
- V-clamp cover closure is easy to operate, allowing cover to be removed or closed quickly
- Compression hold down creates 360 degree sealing between the filter bag and the bag filter housing
- Designed with a 1/4" thread port on the lid for vent or gauge
- Smooth, bead-blasted finish makes it easy to completely clean the interior

Options

- Available in 316 stainless steel for high corrosion resistance
- Adjustable mounting legs for simplified installation
- Multiple I/O connections to suit application



Powering Business Worldwide



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

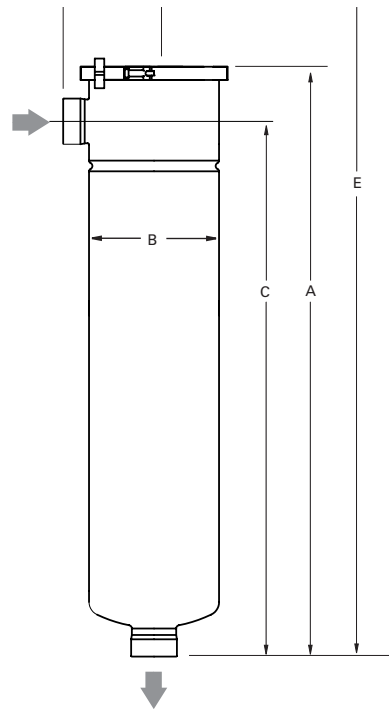
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Applications

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
EBF-0101	22.88 (581)	7.68 (195)	19.64 (489)	5.37 (150)	37.00 (940)
EBF-0102	38.50 (977)	7.68 (195)	35.19 (884)	5.37 (150)	68.00 (1727)
EBF-0103	14.56 (370)	4.50 (114)	11.81 (295)	3.50 (110)	24.00 (609)
EBF-0104	20.69 (525)	4.50 (114)	17.87 (454)	3.50 (110)	34.50 (876)

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
EBF-0101	1	1	88 (20)	100 (6)	250 (120)	4.1 (15.5)	25 (7.5)	2" thread
EBF-0102	1	2	115 (26)	100 (6)	250 (120)	7.1 (27.0)	38 (11.0)	2" thread
EBF-0103	1	3	26 (6)	150 (9)	250 (120)	0.8 (3.0)	9 (3.5)	1 1/2" thread
EBF-0104	1	4	53 (12)	150 (9)	250 (120)	1.2 (4.5)	11 (4.5)	1 1/2" thread

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

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