

## 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



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

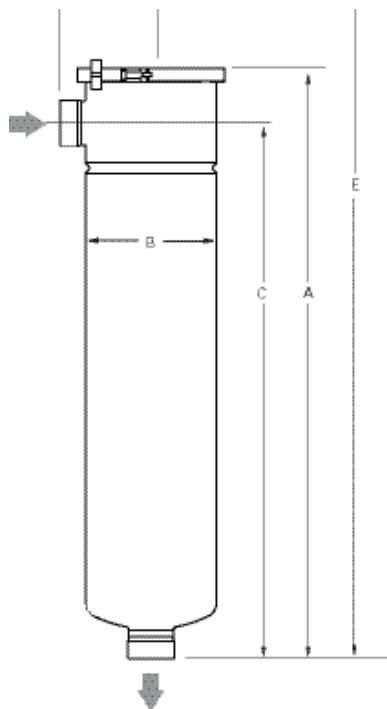
# ECOLINE Single Bag Filter Housing

## 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
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 <sup>1</sup> 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

<sup>1</sup> Maximum theoretical flow based on water viscosity, filter bag specific.

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