

## 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

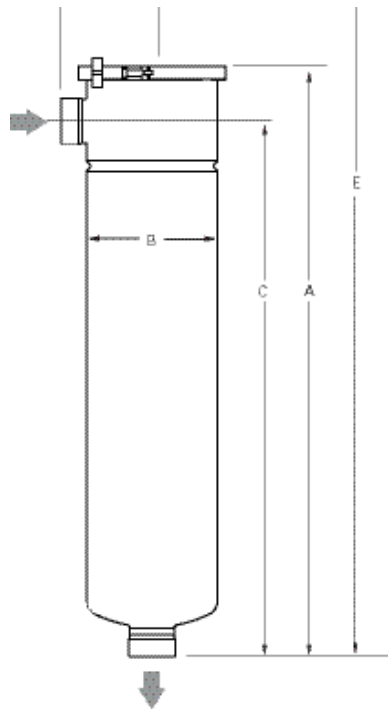
# ECOLINE Single Bag Filter Housing

## 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 (m <sup>3</sup> /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.

**North America**  
44 Apple Street  
Tinton Falls, NJ 07724  
Toll Free: 800 656-3344  
(North America only)  
Tel: +1 732 212-4700

**China**  
No. 3, Lane 280,  
Linhong Road  
Changning District, 200335  
Shanghai, P.R. China  
Tel: +86 21 5200-0099

**Europe/Africa/Middle East**  
Auf der Heide 2  
53947 Nettersheim, Germany  
Tel: +49 2486 809-0

**Singapore**  
4 Loyang Lane #04-01/02  
Singapore 508914  
Tel: +65 6825-1668

Friedensstraße 41  
68804 Altlußheim, Germany  
Tel: +49 6205 2094-0  
An den Nahewiesen 24  
55450 Langenlonsheim, Germany  
Tel: +49 6704 204-0

**Brazil**  
Rua Clark, 2061 - Macuco  
13279-400 - Valinhos, Brazil  
Tel: +55 11 3616-8400

For more information, please  
email us at [filtration@eaton.com](mailto:filtration@eaton.com)  
or visit [www.eaton.com/filtration](http://www.eaton.com/filtration)

© 2017 Eaton. All rights reserved. All trademarks and registered trademarks are the property of their respective owners. All information and recommendations appearing in this brochure concerning the use of products described herein are based on tests believed to be reliable. However, it is the user's responsibility to determine the suitability for his own use of such products. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Eaton as to the effects of such use or the results to be obtained. Eaton assumes no liability arising out of the use by others of such products. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

US  
EF-FBH-14  
03-2017