

PROLINE 150™ Series HE Multi-Bag Filter Housing

*The PROLINE 150 Series,
a perfect balance between
reliability and cost AND
between performance and
productivity*

Eaton's PROLINE 150 Series HE multi-bag filter housing offers the most cost-effective solution to multi-bag units requirements' for a wide variety of filtration applications where a code stamp is not needed.

This multi-bag filter housing is equipped with a proven and easy-to-use rugged eye-bolt cover closure. Units are available in 3, 4, 6 and 8 filter bag configurations and come standard with filter bag size 02 stainless steel restrainer baskets.

Features

- 150 psi (10 bar), non-code bag filter housing, for a wide variety of filtration applications
- Low profile design with side inlet and tangential outlet provides easy and full drainage and reduces housing height to make filter bag change-outs easier. No need for ladders, stools or catwalks

- Positive O-ring sealing provides bypass-free, safe filtration while the unique 3-point hold down ensures a high-quality seal between each filter bag and the housing body
- A counter-balanced, spring-assisted cover lifting mechanism allows for quick and easy opening of even large covers by one person
- 304 stainless steel construction
- 150# RF flanged inlet and outlet ports for side inlet and tangential outlet configuration
- Heavy-duty stainless steel mounting legs are included

Options

- Available as in-line or loop piping configuration (shown)
- Buna-N® O-rings for the cover are standard. EPDM, Viton®, PTFE encapsulated Viton seals are available

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PROLINE 150 Series HE multi-bag filter housing with 8 filter bag capacity



3, 4, and 6 bag PROLINE 150 Series HE multi-bag filter housings

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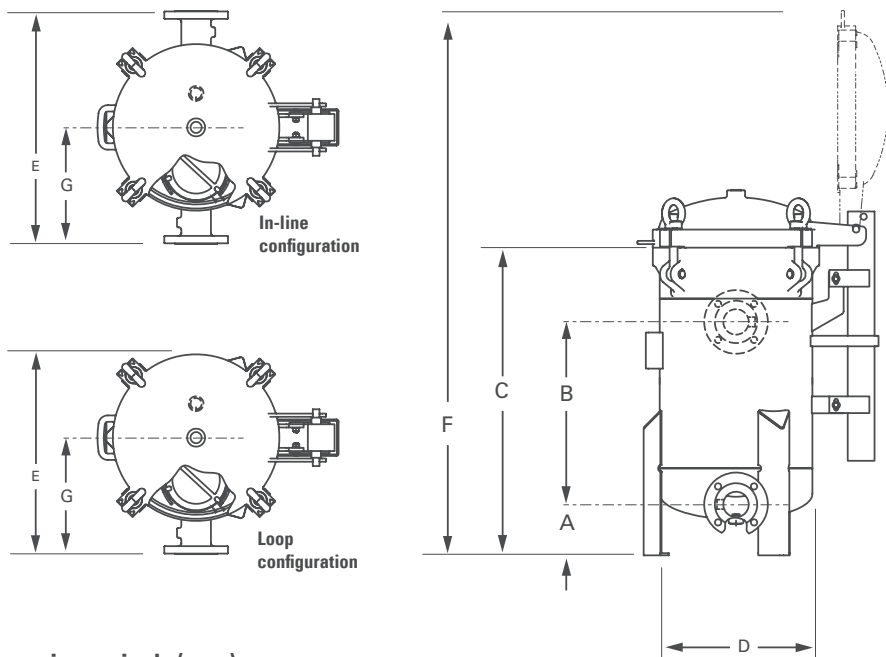
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Applications

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)

Model	A	B	C	D	E	F	G
PMBF-0302-BB10-030A-NT-11HE	6.00 (152)	21.50 (546)	43.00 (1092)	18.00 (457)	27.44 (697)	64.19 (1603)	13.72 (348)
PMBF-0302-BB10-030A-NT-11HE-L	6.00 (152)	21.50 (546)	43.00 (1092)	18.00 (457)	23.53 (598)	64.19 (1603)	13.72 (348)
PMBF-0402-BB10-040A-NT-11HE	8.77 (223)	20.75 (527)	46.79 (1189)	22.00 (559)	35.42 (900)	70.73 (1797)	17.71 (450)
PMBF-0402-BB10-040A-NT-11HE-L	8.77 (223)	20.75 (527)	46.79 (1189)	22.00 (559)	30.88 (784)	70.73 (1797)	17.71 (450)
PMBF-0602-BB10-060A-NT-11HE	7.00 (178)	20.00 (508)	45.94 (1167)	26.00 (660)	38.98 (990)	73.45 (1866)	19.50 (495)
PMBF-0602-BB10-060A-NT-11HE-L	7.00 (178)	20.00 (508)	45.94 (1167)	26.00 (660)	31.69 (811)	73.45 (1866)	19.50 (495)
PMBF-0802-BB10-080A-NT-11HE	8.00 (203)	22.06 (560)	56.22	30.00 (762)	42.00 (1067)	84.37 (2143)	21.00 (533)
PMBF-0802-BB10-080A-NT-11HE-L	8.00 (203)	22.06 (560)	56.22	30.00 (762)	39.03 (991)	84.37 (2143)	21.00 (533)

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
PMBF-0302-BB10-030A-NT-11HE	3	2	225 (51)	150 (10)	200 (93)	34 (129)	351 (159)	3" in-line
PMBF-0302-BB10-030A-NT-11HE-L	3	2	225 (51)	150 (10)	200 (93)	34 (129)	351 (159)	3" loop
PMBF-0402-BB10-040A-NT-11HE	4	2	400 (91)	150 (10)	200 (93)	53 (200)	496 (225)	4" in-line
PMBF-0402-BB10-040A-NT-11HE-L	4	2	400 (91)	150 (10)	200 (93)	53 (200)	496 (225)	4" loop
PMBF-0602-BB10-060A-NT-11HE	6	2	900 (204)	150 (10)	200 (93)	75 (284)	680 (308)	6" in-line
PMBF-0602-BB10-060A-NT-11HE-L	6	2	900 (204)	150 (10)	200 (93)	75 (284)	680 (308)	6" loop
PMBF-0802-BB10-080A-NT-11HE	8	2	1409 (320)	150 (10)	200 (93)	123 (466)	870 (394)	8" in-line
PMBF-0802-BB10-080A-NT-11HE-L	8	2	1409 (320)	150 (10)	200 (93)	123 (466)	870 (394)	8" loop

¹ 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

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

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

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

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

Brazil
Av. Julia Gaioli, 474 – Bonsucesso
07251-500 – Guarulhos, Brazil
Tel: +55 11 2465-8822

**For more information, please
email us at filtration@eaton.com
or visit www.eaton.com/filtration**

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