

PROLINE 150™ Series HE Multi-Bag Filter Housing

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.

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

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

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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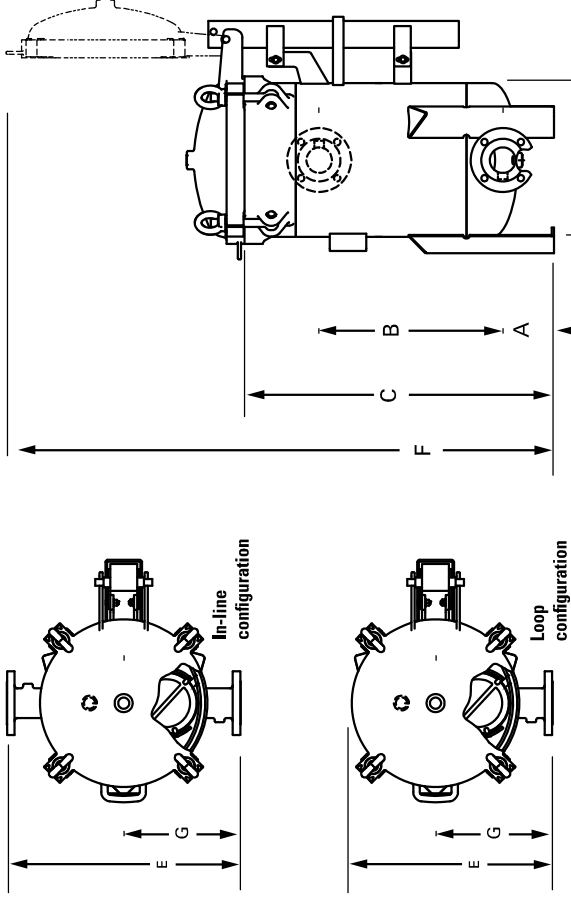
PROLINE 150 Series HE Multi-Bag Filter Housing

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)

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 (881)	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.