

MAXILINE™ MBF HE Multi-Bag Filter Housing



Rugged design offers many options to meet demanding specifications

Eaton's MAXILINE MBF HE multi-bag filter housing is user-friendly, cost-effective and designed for high volume, multiple applications and processes.

This multi-bag filter housing is equipped with proven and easy-to-use rugged eye-bolt cover closure. The housing volume is optimized to minimize product loss. Units are available in 3, 4, 6 and 8 filter bag configurations and come standard with filter bag size O2 stainless steel restrainer baskets.

Features

- 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
- Heavy-duty stainless steel mounting legs are included
- Designed in accordance with Section VIII, Division 1 of the ASME Code (standard in the US), "AD 2000-Merkblätter", EN 13445 and PED (standard in EMEA)

Options

- Available in 304 or 316 stainless steel for high corrosion resistance. Carbon steel version available in North America
- Buna-N® O-rings for the cover are standard. EPDM, Viton®, PTFE encapsulated Viton or silicone rubber seals and gaskets are available
- Multiple I/O connections to suit application
- Available with segment clamps
- Custom fittings, surface finishes, coatings and design code ratings to meet specified applications
- Available with shell side outlet

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Unique 3-point hold down ensures a high-quality seal between each filter bag and housing body

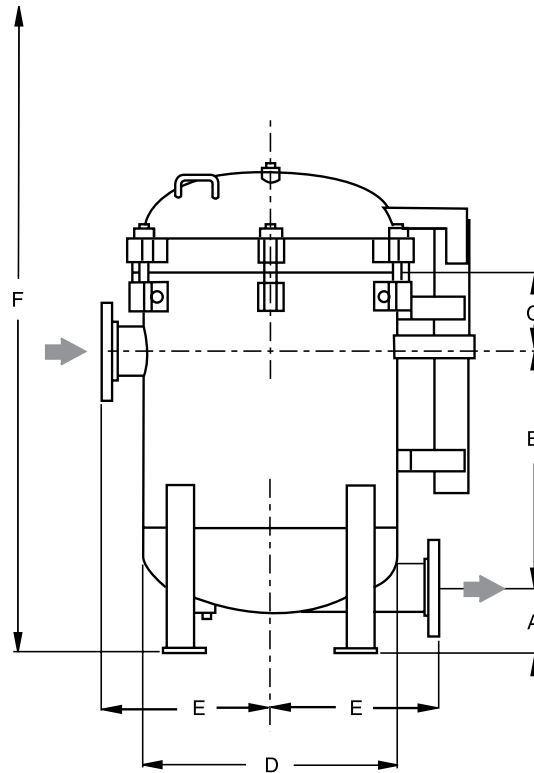
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Applications

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	F
MBF-0302*	6.00 (152)	22.50 (572)	6.43 (163)	18.00 (457)	12.75 (324)	60.00 (1,524)
MBF-0402	6.00 (152)	22.19 (564)	7.93 (201)	24.00 (610)	16.00 (406)	70.00 (1,778)
MBF-0602*	7.00 (178)	20.00 (508)	9.81 (249)	26.00 (660)	18.50 (470)	74.00 (1,880)
MBF-0802	8.25 (210)	19.00 (483)	10.81 (275)	30.00 (762)	20.50 (521)	79.50 (2,019)

Dimensions for reference only and approximate. Exact dimensions for installation purposes available on request. The 8 bag loop style dimensions are available on the Eaton website. Metric measures represent comparable products produced for EMEA and may not be an exact conversions.

Technical data

Models	No. of filter bags	Size	Flow rate ¹ GPM (m ³ /h)	Max. pressure psi (bar)	Max. temp. °F (°C)	Housing volume gal (l)	Housing weight lb (kg)	I/O connections
MBF-0302*	3	2	528 (120)	150 (10)	250 (121)	40 (151)	460 (227)	3"
MBF-0402	4	2	705 (160)	150 (10)	250 (121)	69 (261)	615 (279)	4"
MBF-0602*	6	2	1,057 (240)	150 (10)	250 (121)	90 (341)	810 (367)	6"
MBF-0802	8	2	1,409 (320)	150 (10)	250 (121)	116 (439)	970 (440)	8"

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

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