

## MAXILINE™ MBF Multi-Bag Filter Housing



*Rugged design offers many options to meet demanding specifications*

Eaton's MAXILINE MBF 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 4, 8 and 12 filter bag configurations and come standard with filter bag size 02 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 "AD 2000-Merkblätter", EN 13445 and PED

### Options

- Available in 316 or 316 Ti stainless steel for high corrosion resistance
- 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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# EATON

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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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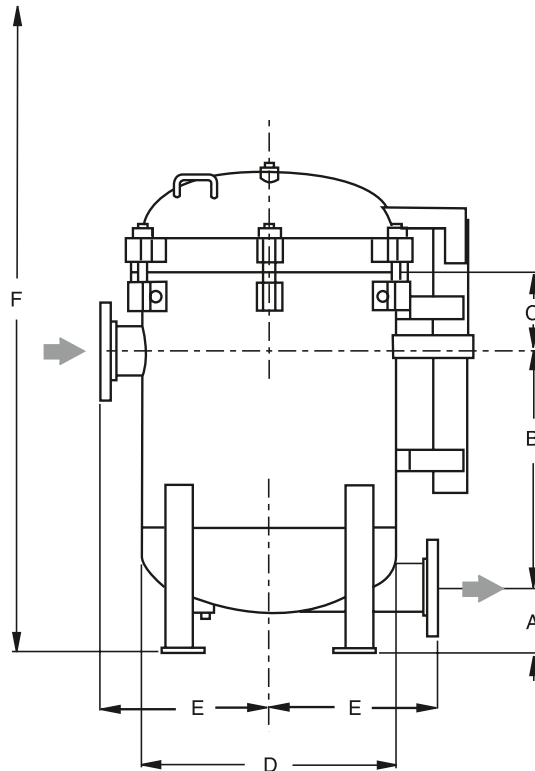
## Applications

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 - mm

Models	A	B	C	D	E	F
MBF-0402	250	560	205	559	400	1800
MBF-0802	250	570	245	800	520	2020
MBF-1202	250	600	395	950	625	2500

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.

## Technical data

Models	No. of filter bags	Size	Flow rate <sup>1</sup> m <sup>3</sup> /h	Max. pressure bar	Max. temp. °C	Housing volume l	Housing weight kg	I/O connections
MBF-0402	4	2	160	10	121	261	279	DN 100 PN 16 (DIN flange)
MBF-0802	8	2	320	10	121	440	465	DN 150 PN 16 (DIN flange)
MBF-1202	12	2	480	10	121	645	770	DN 250 PN 16 (DIN flange)

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

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