

MAXILINE™ MBF Davit Multi-Bag Filter Housing



Holds up to 24 filter bags in a reliable, cost-effective design



Eaton's MAXILINE MBF Davit multi-bag filter housing features a cost effective, hand wheel operated davit assembly cover and offers up to 24 filter bags in one multi-bag filter housing for very high flow rates and high dirt load applications.

This multi-bag filter housing is equipped with a robust hand wheel operated davit assembly cover. Simply loosen the swing bolts, turn the davit hand wheel and swing the cover aside to open. Units are available in 16, 20 and 24 filter bag configurations and come standard with filter bag size 02 stainless steel restrainer baskets.

Features

- A robust, easy to use hand wheel operates the davit assembly cover making it perfect for cost-sensitive applications
- 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
- Heavy-duty stainless steel mounting legs are included
- Designed in accordance with "AD 2000-Merkblätter", EN 13445 and PED

Options

- Available in 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 hydraulic-assist davit assembly cover
- Custom fittings, surface finishes, coatings and design code ratings to meet specified applications

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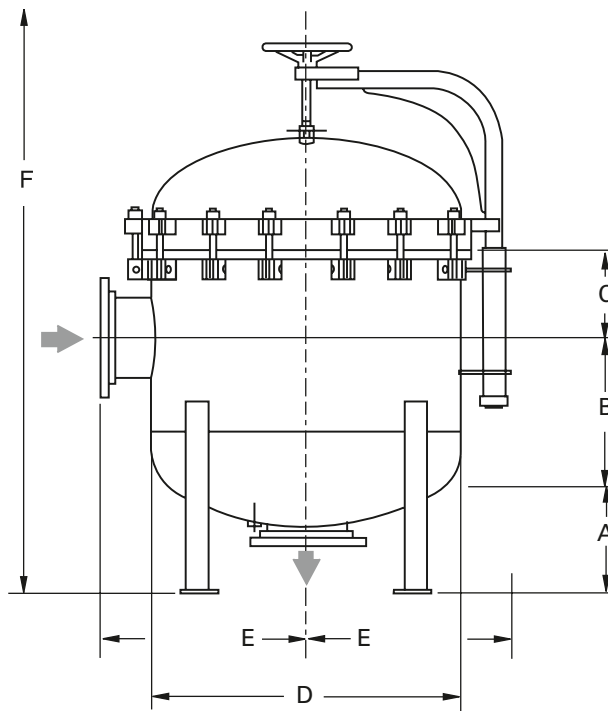


Unique 3-point hold down ensures a high-quality seal between each filter bag and housing body

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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	



Epoxy coating is only one of various surface coating and finish options

Dimensions - mm

Models	A	B	C	D	E	F
MBF-1602	875	590	480	1100	753	2488
MBF-2002	980	700	555	1250	790	2745
MBF-2402	980	735	555	1400	880	2796

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 m ³ /h	Max. pressure bar	Max. temp. °C	Housing volume l	Housing weight kg	I/O connections
MBF-1602	16	2	640	10	121	945	975	DN 300 PN 16 (DIN flange)
MBF-2002	20	2	800	10	121	1325	1050	DN 350 PN 16 (DIN flange)
MBF-2402	24	2	960	10	121	1750	1700	DN 350 PN 16 (DIN flange)

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

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