

MAXILINE™ MBF HD Multi-Bag Filter Housing



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

Eaton's MAXILINE MBF HD 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 3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22 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 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
- 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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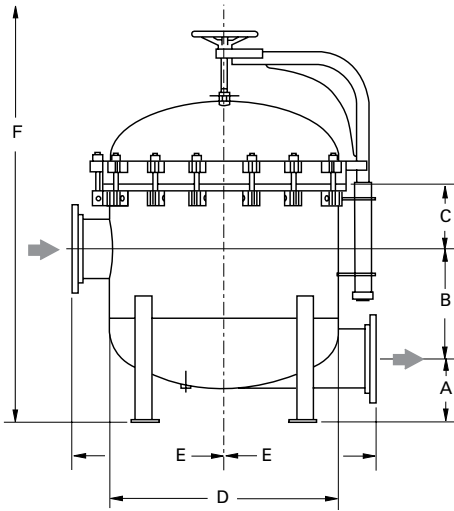
EATON

Powering Business Worldwide



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

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Dimensions for reference only and approximate. Exact dimensions for installation purposes available on request.

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)	57.00 (1,448)
MBF-0402	6.00 (152)	22.19 (564)	7.93 (201)	24.00 (610)	16.00 (406)	61.00 (1,550)
MBF-0602*	7.00 (178)	20.00 (508)	9.81 (249)	26.00 (660)	18.50 (470)	62.00 (1,575)
MBF-0802	8.25 (210)	19.00 (483)	10.81 (275)	30.00 (762)	20.50 (521)	64.00 (1,625)
MBF-1002*	10.00 (254)	17.00 (432)	13.31 (338)	36.00 (914)	24.50 (622)	70.00 (1,778)
MBF-1202	10.00 (254)	17.00 (432)	13.83 (352)	38.00 (965)	24.50 (622)	72.00 (1,829)
MBF-1402*	11.50 (292)	20.00 (508)	11.81 (300)	42.00 (1,067)	28.00 (711)	74.00 (1,880)
MBF-1602*	11.50 (292)	20.00 (508)	11.81 (300)	42.00 (1,067)	28.00 (711)	75.00 (1,905)
MBF-1802*	11.50 (292)	20.00 (508)	11.81 (300)	42.00 (1,067)	28.00 (711)	75.00 (1,905)
MBF-2002*	12.50 (318)	22.00 (559)	11.38 (289)	48.00 (1,219)	31.00 (787)	82.00 (2,083)
MBF-2202*	12.50 (318)	22.00 (559)	13.44 (341)	52.00 (1,321)	33.00 (838)	84.00 (2,134)
MBF-2402*	12.50 (318)	22.00 (559)	13.44 (341)	52.00 (1,321)	33.00 (838)	84.00 (2,134)

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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 (208)	3"
MBF-0402	4	2	705 (160)	150 (10)	250 (121)	54 (204)	615 (279)	4"
MBF-0602*	6	2	1,057 (240)	150 (10)	250 (121)	95 (360)	810 (367)	6"
MBF-0802	8	2	1,409 (320)	150 (10)	250 (121)	140 (530)	970 (440)	8"
MBF-1002*	10	2	1,761 (400)	150 (10)	250 (121)	215 (814)	1,400 (635)	10"
MBF-1202	12	2	2,114 (480)	150 (10)	250 (121)	245 (927)	1,500 (680)	10"
MBF-1402*	14	2	2,466 (560)	150 (10)	250 (121)	311 (1,177)	1,800 (816)	10"
MBF-1602*	16	2	2,818 (640)	150 (10)	250 (121)	317 (1,200)	1,875 (850)	12"
MBF-1802*	18	2	3,170 (720)	150 (10)	250 (121)	446 (1,688)	2,405 (1,090)	12"
MBF-2002*	20	2	3,523 (800)	150 (10)	250 (121)	454 (1,718)	2,445 (1,109)	14"
MBF-2202*	22	2	3,875 (880)	150 (10)	250 (121)	570 (2,158)	2,730 (1,238)	14"
MBF-2402*	24	2	4,227 (960)	150 (10)	250 (121)	570 (2,158)	2,730 (1,238)	14"

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

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Applications

Coarse filtration > 500 µm	✓	Continuous filtration		Pharmaceuticals	
Medium filtration > 10 µm	✓	Solvents, paints	✓	Metal cleaning	✓
Fine filtration < 10 µm	✓	Fats and oils	✓	Automotive	✓
Pre-filtration	✓	Catalyst, activated carbon		Electronics	
Safety filtration	✓	Acids, bases	✓	Food and beverage	
High volume	✓	Petrochemicals	✓	Paint and lacquer	✓
Batch filtration		Water, waste water	✓	Water treatment	✓
Circuit filtration	✓	Chemical industry	✓	Galvanic industry	



Epoxy coating is only one of various surface coating and finish options (available in EMEA only)