

MODULINE™ Multi-Bag Filter Housing System



Modular system for continuous flow capability, higher efficiency and lower costs

Eaton's MODULINE multi-bag filter housing systems are double or modular multi-bag units designed for applications where the flow rate is too high for a single bag filter housing.

This multi-bag filter housing system provides a compact and efficient assembly of two up to eight single bag filter housings. Its space-saving design can be readily expanded with additional housing units and extra banks to provide the highest level of flexibility for process requirements. The footprint is smaller than duplexed multi-bag filter housings. Units come standard with filter bag size 02 stainless steel restrainer baskets.

Features

- Can be equipped with the SIDELINE™ single bag filter housing for a range of applications or the most advanced TOPLINE™ single bag filter housing

- System arrangement assures continuous flow rates. Each unit is individually valved and can be taken off-line in sequence for filter bag change-outs without having to take the complete bank of filters off-line
- Swing bolt cover for quick, easy filter bag change-outs. The TOPLINE single bag filter housing features a domed cover. SIDELINE single bag filter housings covers' feature an integrated ergonomic handle
- TOPLINE and SIDELINE models are designed in accordance with "AD 2000-Merkblätter", EN 13445 and PED

- Easy-action, 1/4-turn ball valves provide precision flow control
- Smooth, bead-blasted finish makes it easy to completely clean the interior

Options

- Available in 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
- Optional gauges, vents and pressurize air port with 1/4" threaded cover taps

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For more information:

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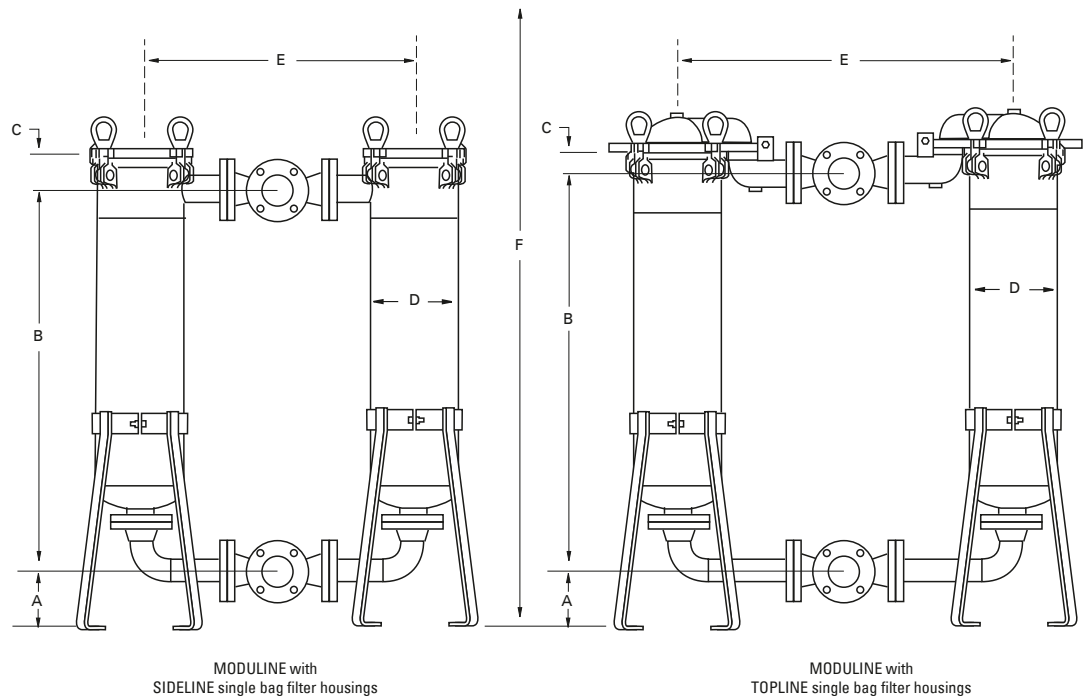
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Applications

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
M-TBF-0201	330	518	49	219	834	1360
M-TBF-0202	330	913	49	219	834	2140
M-SBF-0201	330	618	80	219	660	1500
M-SBF-0202	330	1013	80	219	660	2270

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
M-TBF-0201	2	1	40	10	160	30	127	DN 80 PN 16 (DIN flange)
M-TBF-0202	2	2	80	10	160	60	139	DN 80 PN 16 (DIN flange)
M-SBF-0201	2	1	40	10	160	36	131	DN 80 PN 16 (DIN flange)
M-SBF-0202	2	2	80	10	160	64	147	DN 80 PN 16 (DIN flange)

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

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