Fulflo® FB Filter Vessels

ASME code design for economical filtration of liquids and gases

The Fulflo® FB series of bag and strainer filter vessels provides excellent filtration in a wide range of industrial and chemical applications. All details of design, materials, construction and workmanship of the FB Vessel Series conform to ASME code and are available in non-code design and construction.

Contact Information

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Benefits

- Single O-ring design closure assures quick, positive cover sealing (O-rings are not required to seal filter bags.)
- Swing bolts with eyenuts for fast, easy opening and closing of cover
- Buna-N O-ring standard with EPDM, Viton® and fluoropolymer available
- Maximum design pressure is 150psi (10.3bar) at 450°F** (232°C)
- ASME Code UM stamp is standard (U stamp is optional)
- Threaded vent and drain connections
- Adjustable leg height. Threaded or flanged inlet and outlet
- Side inlet; cover opens without disconnecting piping
- Side inlet, bottom outlet and crevice-free welded design provide a smooth interior for easy wash-out and cleaning
- Hinged cover for easy opening
- Positive seal of ″C″ style flex band bags prior to closing the vessel cover
- Optional hold-down assembly for conversion to “G” style bag media seal available.

Applications

- Potable Water
- Process Water
- Coatings
- Lubricants
- Coolants
- Cutting Oils
- Solvents

ENGINEERING YOUR SUCCESS.

Fulflo® FB Filter Vessels

Design Specifications

Model	Cartridge No. & Length (in.)	Typical Aqueous Flow† (gpm)	Typical Dimensions (in)					Shipping Wt. (lbs)	Volume (gal)
			A	B	C	D	E		
FB11-2	Single	80	43.06	5.75	35.63	13.19	2 NPT	90	5.4
FB11-2F	Single	80	43.06	8.00	35.63	12.00	2 NPS	100	5.4
FB12-2	Double	160	53.94	5.75	46.50	13.19	2 NPT	95	7.8
FB12-2F	Double	160	53.94	8.00	46.50	12.00	2 NPS	105	7.8
FB12-3F	Double	160	53.94	8.00	46.50	11.75	3 NPS	115	7.8

† Actual flow rate is dependent on fluid viscosity, micron rating, contaminant and media type. Consult flow charts for each application.

Maximum Operating Conditions

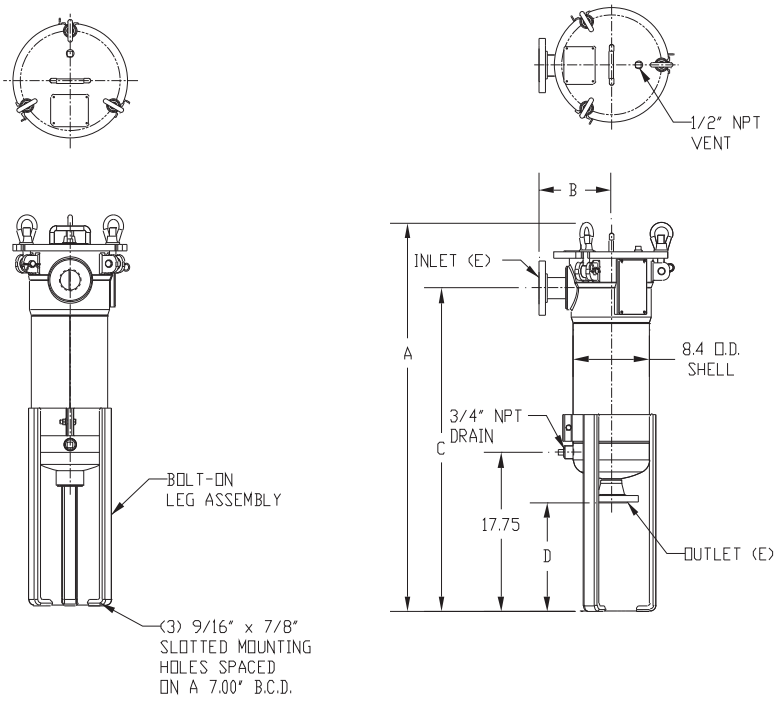
Material of Construction	Max. Allowable Pressure (MAP) (psi @ MAT °F)	Max. Allowable Temp. (MAT) (°F @ MAP psi)
Carbon Steel	150psi (10.3bar)	450°F (232°C)* **
304L Stainless	150psi (10.3bar)	450°F (232°C)**
316L Stainless	150psi (10.3bar)	450°F (232°C)**

*Limited to 250°F by the paint

**Limited to 250°F by the standard Buna-N O-ring

Optional O-Ring/Gasket*		
Material	Cover seal part #	Basket seal part #
Nitrile (Buna-N)	4151-1371	4151-1440
EPDM (EPR)	4154-5371	4154-5440
FKM (Viton®)	4152-8371	4152-8440
Fluoropolymer	4151-5371	4151-5440

*Optional O-ring shipped separately.



Ordering Information

FB1 ☐ — ☐ ☐ ☐

Material	
Code	Description
None	Carbon Steel
4L	304L Stainless Steel
6L	316L Stainless Steel

Media Requirement	
Code	Description
1	One single bag
2	One double bag

Connection Size	
Code	Inches
2	2
3	3

Connection Type	
Code	Description
Blank	NPT
F	NPS

Support Options	
Blank	Zinc plated carbon steel legs
SL	Stainless steel legs
SB	Stainless steel cover bolts
SS	Stainless steel bolts & legs

Specifications are subject to change without notification.
For User Responsibility Statement, see www.parker.com/safety

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