

Fulflo® SB Filter Vessels

- Carbon Steel
- 304 and 316 Stainless Steel

Bag Filter Vessel Series

High Flow Rates and High Solid Retention Capability With Fulflo® SB Series ASME Code Single and Multiple Bag Vessels

Constructed to handle flow rates of up to 1120 gpm (4239 lpm), Fulflo® SB Series of bag and strainer filter vessels provide excellent filtration in a wide range of industrial and chemical applications. All details of design, materials, construction and workmanship of the SB Vessel Series conform to ASME code and are available in non-code design and construction.

Applications

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



Design Features

- Built in accordance with ASME (U or UM stamp) Boiler and Pressure vessel housing code.
- Non-code design and construction (parallel code standards) available.
- Maximum design pressure either is 150 psi (6.9 bar) or 300 psi (20.7 bar).
- Single O-ring seal closure design assures quick, positive cover seal.
- Swing bolts with hexnuts for fast, easy opening and closing of cover.
- Buna-N standard O-ring with Viton* elastomer, neoprene, ethylene propylene rubber and Teflon* elastomer O-rings also available.
- Positive bag media seal prior to sealing housing.

Process Filtration Division

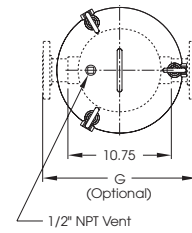
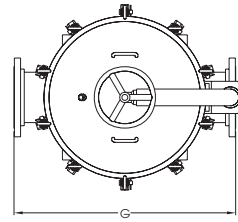


WARNING! FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

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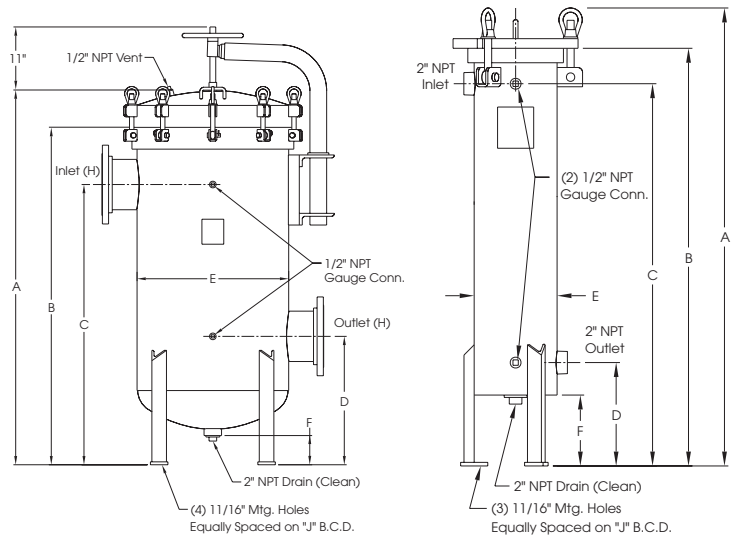


Bag Filter Vessel Series



Material of Construction	Maximum Operating Pressure (psi at 250°F) [†]	Maximum Design Temperature*
Carbon Steel	150 psi (10.3 bar)	500°F (261°C)
Carbon Steel	300 psi (20.7 bar)	500°F (261°C)
304 Stainless Steel	150 psi (10.3 bar)	300°F (150°C)
304 Stainless Steel	300 psi (20.7 bar)	300°F (150°C)
316 Stainless Steel	150 psi (10.3 bar)	400°F (206°C)
316 Stainless Steel	300 psi (20.7 bar)	400°F (206°C)

[†] Operating temperature limited by standard gasket material and exterior paint.



Design Specifications

Model	Maximum Flow [†] (gpm)	Dimensions (in)									Shipping Weight (lbs)
		A	B	C	D	E	F	G	H	J	
SB11-2	80	34.88	30.69	26.75	10.75	8.63	7.38	16.00	2.00	7-13/16	180
SB12-2	160	47.63	43.69	39.75	10.75	8.63	7.38	16.00	2.00	7-13/16	200
SB12-3F	160	47.63	44.63	40.00	10.75	8.63	7.38	16.00	3.00	7-13/16	220
SB31-3FK1	240	43.00	38.25	32.00	17.00	18.44	6.00	26.00	3.00	17-3/4	600
SB32-4FK1	480	56.00	51.25	45.00	17.00	18.44	6.00	26.00	4.00	17-3/4	650
SB41-4FK1	320	43.50	38.63	32.00	17.00	20.44	6.00	28.00	4.00	19-3/4	670
SB42-4FK1	640	56.50	51.63	45.00	17.00	20.44	6.00	28.00	4.00	19-3/4	720
SB42-6FK1	640	60.19	55.13	47.00	18.00	20.44	6.00	30.00	6.00	19-3/4	740
SB72-6FK1	1120	59.75	53.75	45.00	20.00	26.00	5.00	34.00	6.00	25-1/4	1070
SB72-8FK1	1120	64.00	58.00	48.00	22.00	26.00	5.00	36.00	8.00	25-1/4	1105
SB52-6FK1	800	59.75	54.06	45.00	20.00	22.44	5.00	30.00	6.00	22.44	700
SB62-8FK1	960	64.00	57.81	48.00	20.50	26.00	5.00	38.00	8.00	26.00	1105
SB82-8FK1	1440	65.50	59.31	49.75	22.00	31.00	6.00	40.00	8.00	30.56	1180
SB92-8FK1	1440	65.50	59.31	49.75	22.00	31.00	6.00	40.00	8.00	30.56	1180

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

Ordering Information

4	C	SB	3	2	F	K1
Material	Design Series	Standard Bag Design Series	Number of Bags	Bag Length	Inlet/Outlet Flange Size	Coverlift Option
No Symbol = Carbon Steel 4 = 304 Stainless Steel 6 = 316 Stainless Steel	300 psi = H Non-Code Design = C No Symbol = Code	SB = 1 Bag or Multiple Bags HSB = High Pressure		2 = Double 1 = Single	F = Flange No Symbol = NPT	K1 = Mechanical K2 = Hydraulic No Symbol = None

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