Fulflo® SB Filter Vessels

- Carbon Steel
- 304 and 316 Stainless Steel

Bag Filter Vessel Series

High Flow Rates and High Solids 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), the Fulflo® SB 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 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

Features and Benefits

- Accepts "C" style flex band bags for optimized independant seal.
- Built in accordance with ASME (U or UM stamp) Boiler and Pressure vessel code.
- Non-code design and construction (parallel code standards) available.
- Maximum design pressure is 150 psi (10.3 bar) or 300 psi (20.7 bar).
- Available in carbon steel, 304 stainless steel, or 316 stainless steel.
- 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 fluoropolymer elastomer O-rings also available.
- Positive bag media seal prior to sealing housing.

Process Filtration Division

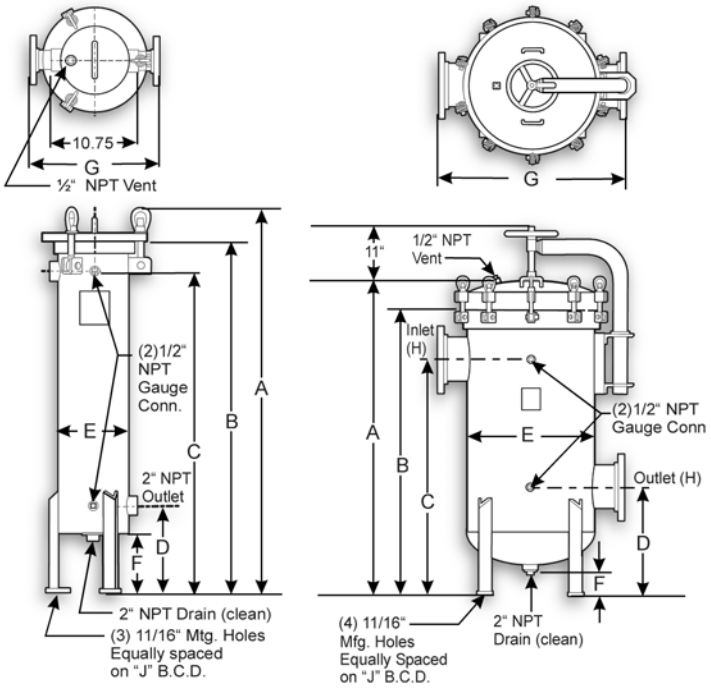
Bulletin C-5000 Eff. 8/97, Rev. 08/02

Parker Filtration

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 (260°C)
Carbon Steel	300 psi (20.7 bar)	500°F (260°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 (204°C)
316 Stainless Steel	300 psi (20.7 bar)	400°F (204°C)

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



Design Specifications

Model	Maximum Flow† (gpm)	Dimensions (in) A	B	C	D	E	F	G	H	J	Shipping Weight (lbs)
SB11-2	80	34.88	30.69	26.75	10.75	8.63	7.31	10.75	2.00	7.81	180
SB11-2F	80	34.88	30.69	26.75	10.75	8.63	7.31	14.88	2.00	7.81	180
SB12-2	160	47.88	43.69	39.75	10.75	8.63	7.31	10.75	2.00	7.81	200
SB12-2F	160	47.88	43.69	39.75	10.75	8.63	7.31	14.88	2.00	7.81	200
SB12-3F	160	48.81	44.63	40.00	10.75	8.63	7.31	16.00	2.00	7.81	200
SB31-3FK1	240	43.00	38.25	32.00	17.00	18.44	6.00	26.00	3.00	17.75	600
SB32-4FK1	480	56.00	51.25	45.00	17.00	18.44	6.00	26.00	4.00	17.75	650
SB41-4FK1	320	43.50	38.63	32.00	17.00	20.44	6.00	28.00	4.00	19.79	670
SB42-4FK1	640	56.50	51.63	45.00	17.00	20.44	6.00	28.00	4.00	19.79	720
SB42-6FK1	640	60.19	55.13	47.00	18.00	20.44	6.00	30.00	6.00	19.79	740
SB52-6FK1	800	60.50	54.50	45.00	20.00	22.44	6.00	30.00	6.00	21.71	700
SB62-8FK1	960	64.00	58.00	48.00	22.00	26.00	5.00	36.00	8.00	25.30	1105
SB72-6FK1	1120	59.75	53.75	45.00	20.00	26.00	5.00	34.00	6.00	25.30	1070
SB72-8FK1	1120	64.00	58.00	48.00	22.00	26.00	5.00	36.00	8.00	25.30	1105
SB82-8FK1	1440	66.75	60.00	50.00	24.00	30.56	6.00	40.00	8.00	29.80	1180
SB92-8FK1	1440	66.75	60.00	50.00	24.00	30.56	6.00	40.00	8.00	29.80	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	4F	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	H = 300 psi C = Non-Code Design No Symbol = Code	SB = 1 Bag or Multiple Bags HSB = High Pressure	1 3 4 5 6 7 8 9	1 = Single 2 = Double	F = Flange No Symbol = NPT 2 = 2 in Flange 3 = 3 in Flange 4 = 4 in Flange 6 = 6 in Flange 8 = 8 in Flange	K1 = Mechanical K2 = Hydraulic No Symbol = None

* A trademark of E. I. du Pont de Nemours & Co.

Process Filtration Division

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