

GB SERIES

WesFlo® GB Series ASME (U or UM) Multi-round Bag Vessels Accommodate High Flow Rates & High Particulate Retention

APPLICATIONS

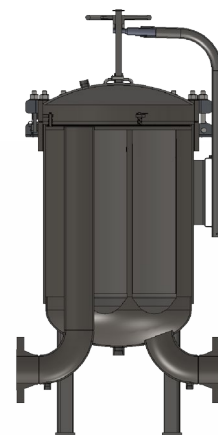
Water
Food & Beverage
Oil
Cutting Oils
Lubricants
Chemicals
Solvents
Electronics
Inks/Paints/Coatings
Pulp & Paper

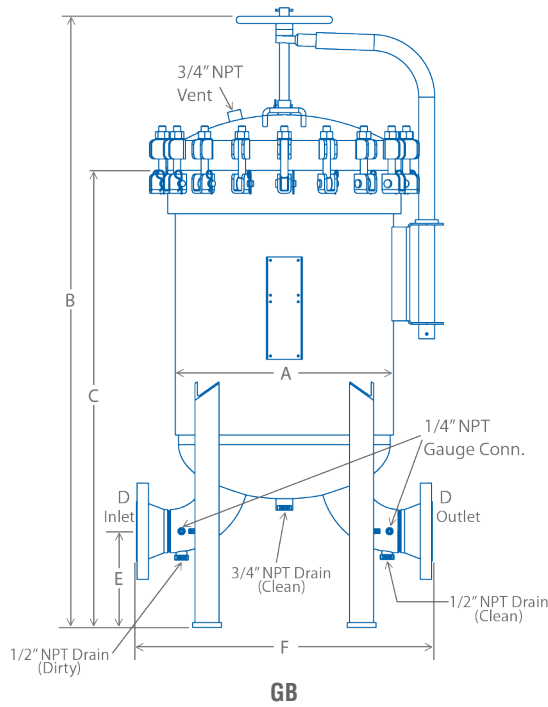


Designed to handle flow rates of up to 4,200 gpm (15,900 lpm), the WesFlo® GB Series bag and strainer filter vessels provide excellent filtration in a wide range of industrial and chemical applications. All aspects of design, materials, construction and workmanship of the GB Vessel Series conform to ASME code. (Also available in non-ASME code design and construction.)

BENEFITS

- Accepts standard #2 size bag filters or mesh-lined baskets
- Built in accordance with ASME (U or UM stamp) Boiler and Pressure vessel code
- Non-code design and construction (parallel code standards)
- Standard design pressure is 150 psi (10.3 bar) or 300 psi (20.7 bar)
- Available in carbon steel, 304 or 316L stainless steel
- Single O-ring seal closure design assures quick, positive cover seal
- Swing bolts with hex nuts for easy closure
- Buna-N standard O-ring with optional Viton®, Neoprene, EPDM and fluoropolymer elastomers available
- O-ring sealed baskets to prevent bypass
- Floating spring loaded bag compression plate seal to prevent bypass
- Bags located near vessel opening for ease of accessibility
- Cover locating pin for quick and accurate cover alignment
- In-line inlet and outlet for uniform piping elevation
- Bottom inlet for even flow distribution
- Stainless steel perforated basket
- Other materials available
- Customizable designs available (per specifications)





MAX DESIGN TEMPS	
CARBON STEEL	500°F (260°C)
304 SST	300°F (150°C)
316 SST	400°F (204°C)
GASKET	250°F (121°C)

CLOSURE O-RING GUIDE	
MATERIAL	MAX TEMP
NITRILE (BUNA-N)**	250°F (121°C)
EPDM (EPR)	300°F (149°C)
FKM (VITON®)	400°F (204°C)

**NITRILE O-ring is standard

Note: Wessels also offers non-code cartridge filter vessels. For more information, please refer to the 4NBF datasheet.

MODEL	NO. OF BAGS	MAXIMUM FLOW* (gpm)	DIMENSIONS (in.)						SHIPPING WEIGHT (lbs)
			A	B	C	D (IN/OUT)	E	F	
GB22-4FBBK1	2	400	57.75	40.50	16.50	4	8	27.31	450
GB32-4FBBK1	3	400	60.56	43.38	18.50	4	8	27.50	475
GB42-6FBBK1	4	800	64.94	47.00	22.50	6	10	35	570
GB62-6FBBK1	6	900	65.19	47.50	24.50	6	10	40	600
GB72-8FBBK1	7	1400	70.88	52.50	28.50	8	12	46	760
GB82-8FBBK1	8	1600	71.94	52.63	30.75	8	12	46	850
GB102-8FBBK1	10	1600	72.63	53.00	32.75	8	12	48	1000
GB122-10FBBK1	12	2400	79.25	58.50	36.75	10	14	56	1200
GB162-10FBBK1	16	2450	79.63	58.50	40.88	10	14	60	1650
GB172-12FBBK1	17	3400	85.38	63.63	42.88	12	16	67	2200
GB232-12FBBK1	23	3500	86.44	63.75	49.00	12	16	75	2600
GB302-14FBBK1	30	4300	95.38	70.13	55.00	14	18	85	3400

*Actual flow rate is dependent on fluid viscosity, micron rating, contaminant and media type. Consult flow charts for each application. GB10 and larger have closure bolts with hex nuts in lieu of eye nuts.

ORDERING INFORMATION

GB

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MATERIAL		DESIGN SERIES		BAG FILTER SERIES		# OF COLUMNS	BAG LENGTH	INLET / OUTLET		CONNECTION TYPE	INLET/OUTLET CONFIGURATION		COVER LIFT		
OMIT	CARBON STEEL	OMIT	ASME / 150 psig	GB	MULTIPLE BAGS (7.06 in. O.D.)	2	2 32 in.	4	4 in.	F	ANSI SORF	BB	BOTTOM IN/BOTTOM OUT	K1	MECHANICAL
4	304 SST	H	ASME / 300 psig			3		6	6 in.			BS	BOTTOM IN/SIDE OUT	K2	HYDRAULIC
6	316 SST	N	Non-ASME			4		8	8 in.			SB	SIDE IN/BOTTOM OUT		
						6		10	10 in.			SS	SIDE IN/SIDE OUT		
						7		12	12 in.						
						8		14	14 in.						
						10									
						12									
						16									
						17									
						23									
						30									