WesFlo® Filter Housings

BF SERIES

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

APPLICATIONS

Water

Food & Beverage

Oil

Cutting Oils

Lubricants

Chemicals

Solvents

Electronics

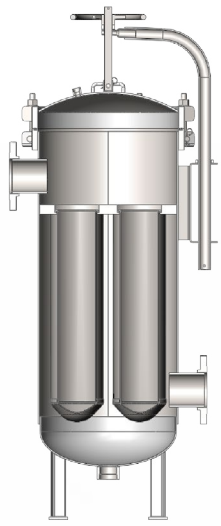
Inks/Paints/Coatings

Pulp & Paper

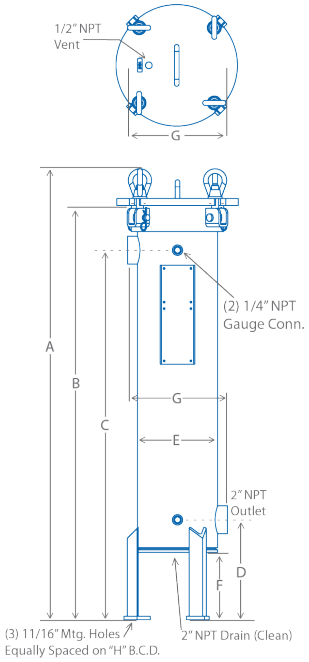
Designed to handle flow rates of up to 1,120 gpm (4,240 lpm), the WesFlo® BF Series bag and strainer filter vessels provide excellent filtration in a wide range of industrial and chemical applications. All aspects of design, materials, construction and workmanship of the BF Vessel Series conform to ASME code. (Also available in non-ASME code design and construction.)

BENEFITS

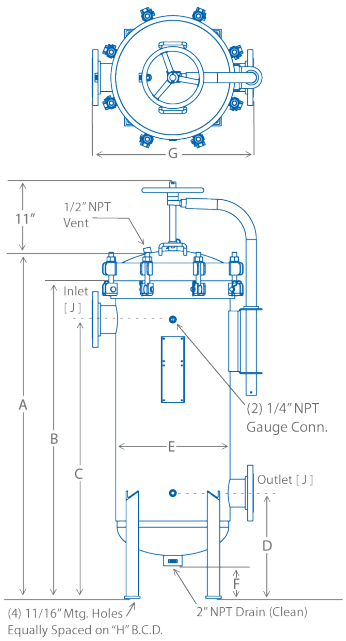
- Accepts standard #1 and #2 size bag filters
- Built in accordance with ASME (U or UM stamp) Boiler and Pressure vessel code
- Non-code design and construction (parallel code standards)
- Standard design pressure is 150 psi (10.3 bar) or 300 psi (20.7 bar)
- Available in carbon steel, 304 or 316L stainless 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
- Positive bag media seal prior to sealing vessel
- Stainless steel perforated basket
- Other materials available



BF



BF11, BF12



BF25 & ABOVE

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 bag filter vessels. For more information, please refer to the 4NBF datasheet.

MODEL	MAXIMUM FLOW* (gpm)	DIMENSIONS (in.)									
		A	B	C	D	E	F	G	H	J	SHIPPING WEIGHT (lbs)
BF11-2	80	34.88	30.69	26.75	10.75	8.63	7.31	10.75	7.81	2.00	180
BF11-2F	80	34.88	30.69	26.75	10.75	8.63	7.31	14.88	7.81	2.00	180
BF12-2	160	47.88	43.69	39.75	10.75	8.63	7.31	10.75	7.81	2.00	200
BF12-2F	160	47.88	43.69	39.75	10.75	8.63	7.31	14.88	7.81	2.00	200
BF12-3F	160	48.81	44.63	40.00	10.75	8.63	7.31	16.00	7.81	2.00	220
BF31-3FK1	240	43.00	38.25	32.00	17.00	18.44	6.00	26.00	17.75	3.00	600
BF32-4FK1	480	56.00	51.25	45.00	17.00	18.44	6.00	26.00	17.75	4.00	650
BF41-4FK1	320	43.50	38.63	32.00	17.00	20.44	6.00	28.00	19.79	4.00	670
BF42-4FK1	640	56.50	51.63	45.00	17.00	20.44	6.00	28.00	19.79	4.00	720
BF42-6FK1	640	60.19	55.13	47.00	18.00	20.44	6.00	30.00	19.79	6.00	740
BF52-6FK1	800	60.50	54.50	45.00	20.00	22.44	6.00	30.00	21.71	6.00	700
BF62-8FK1	960	64.00	58.00	48.00	22.00	26.00	5.00	36.00	25.30	8.00	1105
BF72-6FK1	1120	59.75	53.75	45.00	20.00	26.00	5.00	34.00	25.30	6.00	1070
BF72-8FK1	1120	64.00	58.00	48.00	22.00	26.00	5.00	36.00	25.30	8.00	1105
BF82-8FK1	1440	64.56	58.00	48.00	23.25	28.44	5.00	38.00	27.88	8.00	1180
BF92-8FK1	1440	66.75	60.00	50.00	24.00	30.56	6.00	40.00	29.80	8.00	1180

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

ORDERING INFORMATION

[ ] [ ] **BF** [ ] - [ ] - [ ] [ ] [ ]

MATERIAL	
OMIT	CARBON STEEL
4	304 SST
6	316 SST

DESIGN SERIES	
OMIT	ASME / 150 psig
H	ASME / 300 psig
N	Non-ASME

BAG FILTER SERIES	
BF	1 BAG OR MULTIPLE BAGS

OF COLUMNS
1
3
4
5
6
7
8
9

BAG LENGTH	
1	16.5 in.
2	32 in.

INLET / OUTLET	
2	2 in.
3	3 in.
4	4 in.
6	6 in.
8	8 in.

CONNECTION TYPE	
OMIT	NPT
F	ANSI SORF

COVER LIFT	
OMIT	NO COVER LIFT
K1	MECHANICAL
K2	HYDRAULIC

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