

4NBF SERIES

WesFlo® 4NBF Series Single & Multi-Bag Filter Vessels
304 Stainless Steel
Non-ASME code design

APPLICATIONS

Water
Cutting Oils
Lubricants
Solvents
Process Water
Coolants
Coatings
Potable Water



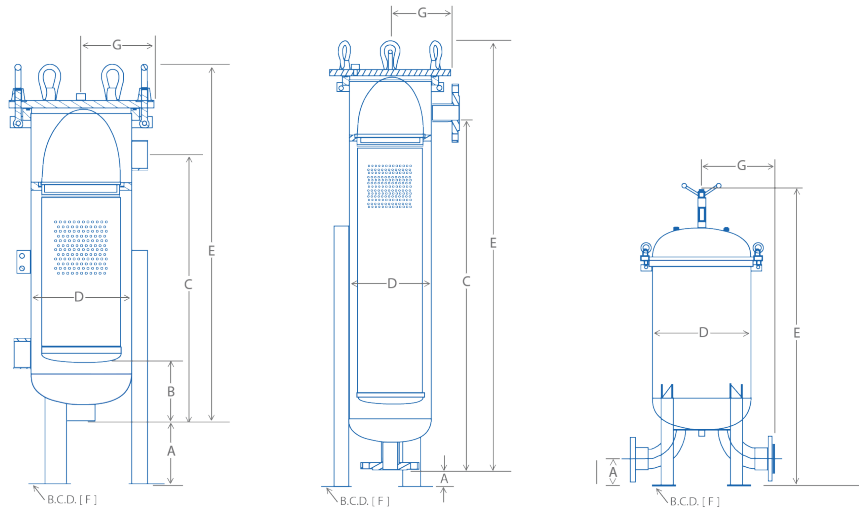
The WesFlo® 4NBF non-code single and multi-bag filter vessels provide an economically efficient means of filtration for a wide variety of liquid applications. With a lightweight, externally polished stainless steel design, these vessels also include a swing bolt (quick opening) closure and an internal positive pressure bag hold down device.

The 4NBF vessels are designed to accommodate common industrial filter bag sizes 1, 2, 3 and 4. These vessels are manufactured from polished and passivated 304 stainless steel and rated for 150 psi (10.3 bar). All hardware is stainless steel for additional corrosion resistance.

BENEFITS

- Non-ASME code design
- Maximum operating pressure is 150 psi at 300°F
- Single O-ring seal closure design assures quick, positive cover seal
- Swing bolts with eye nuts for easy access
- Stainless steel closure hardware
- Available with NPT or ANSI B16.5 flanged connections
- NPT models can be interchanged between a side-in/side-out or side-in/bottom-out configuration
- Standard NPT vents and drains
- EPDM seals are offered as standard with other seal materials available
- Standard stainless steel filter bag support basket
- Interior and exterior surfaces are pickled / passivated for enhanced corrosion allowance
- Exterior surfaces are polished for aesthetic purposes
- Designed for minimum pressure drop

4NBF



MAX DESIGN TEMPS	
304 SST	300°F (150°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)

**EPDM O-ring is standard

MODEL	BAG DIMENSIONS (in.)					VESSEL DIMENSIONS (in.)							SHIPPING WEIGHT (lbs)
	STYLE	QUANTITY	DIAMETER (in.)	MAXIMUM FLOW (gpm)	CONNECTION SIZE / TYPE	A	B	C	D	E	F	G	
ORDERING CONFIGURATIONS (SIZE 1 & 2 BAGS ONLY)													
4NBF11-2	1	1	7	80	2 in. NPT	19*	5.7	22.5	8.6	30.1	12.3	5.65	64
4NBF12-2	2	1	7	160	2 in. NPT	19*	6.3	36.3	8.6	43.9	12.3	5.65	82
4NBF12-2F	2	1	7	160	2 in. FLANGE	19*	N/A	37.8	8.6	45.4	12.3	7.1	82
4NBF12-3F	2	1	7	160	3 in. FLANGE	19*	N/A	37.8	8.6	45.4	12.3	7.1	90
4NBF42-4F	2	4	7	640	4 in. FLANGE	6.0	N/A	N/A	21.9	62.0	27.8	16	419
4NBF62-6F	2	6	7	960	6 in. FLANGE	7.1	N/A	N/A	27.8	70.7	34.0	17.4	660
ORDERING CONFIGURATIONS (SIZE 3 & 4 BAGS ONLY)													
4NBF13-1	3	1	4	15	1 in. NPT	6.0*	5.1	13.5	4.5	20.4	8.8	3.65	24
4NBF14-1	4	1	4	30	1 in. NPT	6.0*	5.1	13.5	4.5	25.9	8.8	3.65	29

* Maximum - adjustable leg fully extended

Materials: 304 SST with EPDM closure o-ring. 150 psi and 300°F rated. Multi-bag vessels standard offering with mechanical lift. Optional vessel and o-ring materials available.

MATERIAL	MAX. ALLOWABLE PRESSURE (MAP)	MAX. ALLOWABLE TEMP. (MAT)
304 SST	150 psi (10.3 bar)	300°F (149°C)

- EPDM O-ring is standard (optional material available)
- Multi-bag vessels come standard with mechanical cover lift
- 316 SST material of construction available upon request

ORDERING INFORMATION

MATERIAL		DESIGN SERIES		BAG FILTER SERIES		BAG QTY		BAG		BAG LENGTH		INLET / OUTLET	
4	304 SST	N	Non-ASME	BF	1 BAG OR MULTIPLE BAGS	1	1	1	16.5 in.	2, 2F or 3F	2 in. NPT, 2 in. ANSI or 3 in. ANSI	2 in. NPT, 2 in. ANSI or 3 in. ANSI	
4	304 SST	N	Non-ASME	BF	1 BAG OR MULTIPLE BAGS	1	2	2	32 in.	2, 2F or 3F	2 in. NPT, 2 in. ANSI or 3 in. ANSI	2 in. NPT, 2 in. ANSI or 3 in. ANSI	
4	304 SST	N	Non-ASME	BF	1 BAG OR MULTIPLE BAGS	1	3	3	8 in.	1	1 in. NPT	1 in. NPT	
4	304 SST	N	Non-ASME	BF	1 BAG OR MULTIPLE BAGS	1	4	4	14 in.	1	1 in. NPT	1 in. NPT	
4	304 SST	N	Non-ASME	BF	1 BAG OR MULTIPLE BAGS	4	2	4	32 in.	4	4 in. NPT	4 in. NPT	
4	304 SST	N	Non-ASME	BF	1 BAG OR MULTIPLE BAGS	6	2	6	32 in.	6	6 in. NPT	6 in. NPT	



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