

HF SERIES

WesFlo® HF Series ASME (U or UM)
Larger Diameter Cartridge Filter
Vessels for Higher Flow Rates and
High Particulate Retention

APPLICATIONS

Cutting Oils

Lubricants

Chemicals

Solvents

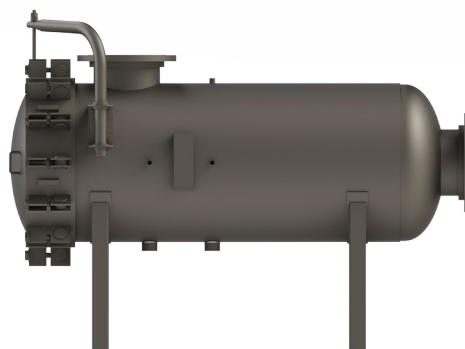
Process Water

Coolants

Edible Oils

Potable Water

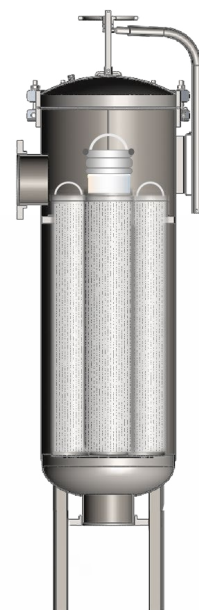
Reverse Osmosis Filtration



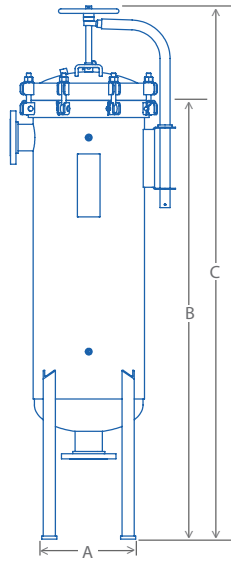
WesFlo® HF Series vessels are designed to utilize cartridges for high flows of up to 500 gpm (1892 lpm) per 60 in. length. They provide significant size and cost reduction compared to conventional size filter cartridges. The horizontal design and coreless cartridge configuration makes cartridge change fast and easy. Vessels accommodate high flow cartridges in lengths of 20 in., 40 in. or 60 in. All aspects of design, materials, construction and workmanship of the HF Vessel Series conform to ASME code. (Also available in non-ASME code design and construction.)

BENEFITS

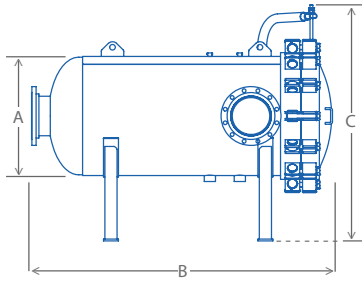
- Horizontal design makes cartridge change easier and quicker without need for elevated platform. Vertical orientation is also available
- Large diameter cartridge yields high flow rate per cartridge resulting in fewer cartridges and smaller, lower cost vessels
- Inside-out flow direction captures contaminants on the inside of the filter to make cartridge change easier
- Available in carbon steel, 304 stainless steel or 316L stainless steel
- Built in accordance with ASME (U or UN stamp) boiler and pressure vessel code
- Non-code design and construction (parallel code standards) available
- Standard design pressure is 150 psi (10.3 bar) or 300 psi (20.7 bar). Higher design pressures available
- Other materials available



HF



HFV



HFH

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

MODEL	MAXIMUM FLOW* (gpm)	CONNECTION SIZE (in.)	CARTRIDGE QTY	CARTRIDGE LENGTH (in.)	OPTIMAL INLET/OUTLET SIZE	DIMENSIONS (in.)			SHIPPING WEIGHT (lbs)
						A	B	C	
HFH14-3	350	3-FLG	1	40	3	8	60.2	43	250
HFH34-6	1050	6-FLG	3	40	6	16	69.8	58.4	694
HFH54-8	1750	8-FLG	5	40	8	20	77	59	935
HFH74-10	2450	10-FLG	7	40	10	22	79.7	60	1106
HFH84-10	2800	10-FLG	8	40	10	24	79.7	61	1248
HFH124-12	4200	12-FLG	12	40	12	30	88.4	64	1672
HFH154-14	5250	14-FLG	15	40	14	32	90.8	65	1938
HFH194-16	6650	16-FLG	19	40	16	36	94.5	67.5	2593
HFH16-4	500	4-FLG	1	60	4	8	81.3	43	325
HFH36-8	1500	8-FLG	3	60	8	16	91.8	58.4	756
HFH56-10	2500	10-FLG	5	60	10	20	99	59	1070
HFH76-10	3500	10-FLG	7	60	10	22	99.7	60	1181
HFH86-12	4000	12-FLG	8	60	12	24	101.9	61	1389
HFH126-14	6000	14-FLG	12	60	14	30	109.7	64	1834
HFH156-16	7500	16-FLG	15	60	16	32	112.9	65	2113
HFH196-18	9500	18-FLG	19	60	18	36	116.5	67.5	2828
HFV14-3	350	3-FLG	1	40	3	8	65.5	69.4	250
HFV34-6	1500	6-FLG	3	40	6	16	81.9	94.25	694
HFV54-8	1750	8-FLG	5	40	8	20	90	106.25	935
HFV74-10	2450	10-FLG	7	40	10	22	98.8	115.25	1106
HFV84-10	2800	10-FLG	8	40	10	24	98.8	115.5	1248
HFV124-12	4200	12-FLG	12	40	12	30	110.25	129	1672
HFV154-14	5250	14-FLG	15	40	14	32	115.8	135	1938
HFV194-16	6650	16-FLG	19	40	16	36	123.5	143.6	2593

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

ORDERING INFORMATION

	HF												
MATERIAL	HIGH FLOW SERIES	VESSEL ORIENTATION		CARTRIDGE QTY		CARTRIDGE LENGTH		INLET / OUTLET		CONNECTION TYPE		FINISH	
OMIT CARBON STEEL 4 304 SST 6 316 SST	HF 1 CARTRIDGE OR MULTIPLE CARTRIDGES	H HORIZONTAL V VERTICAL	1 1 3 3 5 5 7 7 8 8 12 12 15 15 19 19	4 40 in. 6 60 in.	3 3 in. ANSI 6 6 in. ANSI 8 8 in. ANSI 10 10 in. ANSI 12 12 in. ANSI 14 14 in. ANSI 16 16 in. ANSI 18 18 in. ANSI	F 150# FLANGE H 300# FLANGE	OMIT PAINTED; STANDARD ON CARBON OMIT GLASS BEAD BLAST; STANDARD ON STAINLESS STEEL P* PASSIVATED						

*P valid for stainless design only.



SINCE 1908
wessels
company

101 Tank Street Greenwood, IN 46143
P: 317-888-9800 F: 317-865-7411
www.westank.com