

Fulflo® MegaFlow™ Filter Vessels

- Carbon Steel
- 304L and 316L Stainless Steel

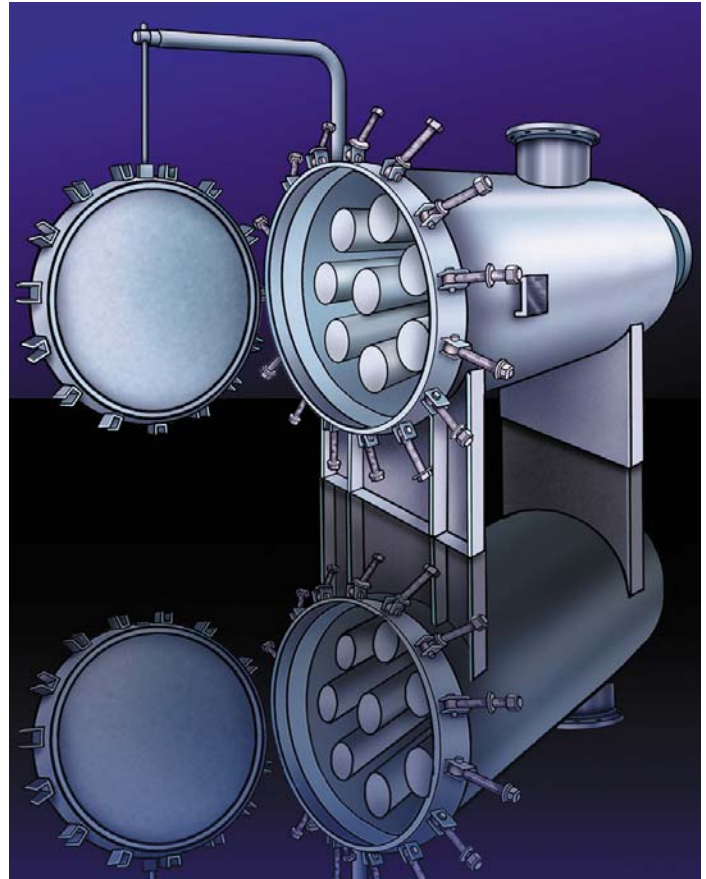
Multi-Cartridge Filter Vessel Series

Vessels for High Flow Capacity MegaFlow Filter Cartridges

MegaFlow™ vessels are designed to accept MegaFlow™ filter cartridges that handle up to 950 l/min each. They provide significant size and capital cost reduction compared with vessels containing conventional size filter cartridges. The horizontal design and coreless cartridge configuration make cartridge change fast and easy. Flow rates up to 18,000 l/min. For PED compliance consult Parker.

Applications

- Reverse Osmosis Filtration
- Potable Water
- Process Water
- Edible Oils
- Lubricants
- Coolants
- Cutting Oils
- Solvents
- Chemicals



Features and Benefits

- Horizontal design makes cartridge change practically effortless.
- Vessels have slight pitch to prevent liquid from spilling when opening cover.
- Permanent internal perforated post supports cartridges and eliminates loose internal parts.
- Cartridges have internal O-ring for positive seal.
- Cartridge top is located flush with cover to facilitate cartridge change.
- Inlet connection is below cartridges to prevent impingement on media.
- Available in 10 bar and 20 bar pressure ratings.
- Available in carbon steel, 304L stainless steel and 316L stainless steel for a wide variety of applications.
- O-ring cover seal for quick and positive vessel cover sealing.
- Cover locating pin for quick and accurate alignment.

Process Filtration Division

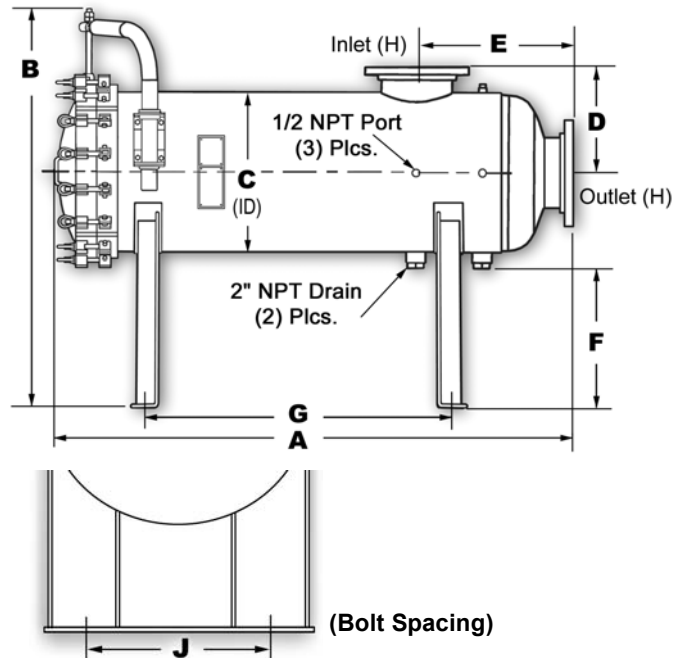


Multi-Cartridge Filter Vessel Series

Design Specifications

Material of Construction	Design Pressure	Maximum Design Temperature*
Carbon Steel	150 psi (10.3 bar)	250°F (121°C)
Carbon Steel	300 psi (20.7 bar)	250°F (121°C)
304L Stainless Steel	150 psi (10.3 bar)	250°F (121°C)
304L Stainless Steel	300 psi (20.7 bar)	250°F (121°C)
316L Stainless Steel	150 psi (10.3 bar)	250°F (121°C)
316L Stainless Steel	300 psi (20.7 bar)	250°F (121°C)

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



Reference Dimensions (mm)

Model	Elements	A	B	C	D	E	F	G	H	J	Flow l/min	Shipping Weight Kg
MF02	2	1760	1459	357.2	285.8	508	688	1168	6 NPS	8.00	1892.5	1353
MF03	3	1773	1484	408	311.2	533	663	1168	6 NPS	8.00	2838.8	1573
MF04	4	1910	1473	458.8	336.6	559	637	1219	8 NPS	10.00	3785	1738
MF05	5	1917	1499	509.6	362	559	612	1219	8 NPS	12.00	4731.3	2024
MF07	7	2000	1524	560.4	387.4	610	586	1219	10 NPS	12.00	6623.8	2464
MF08	8	2007	1549	611.2	412.8	610	561	1219	10 NPS	14.00	7570	2739
MF12	12	2183	1627	763.6	514.4	711	483	1321	12 NPS	20.00	11355	4213
MF15	15	2361	1653	814.4	546.1	762	458	1372	14 NPS	22.00	14194	4785
MF19	19	2421	1710	916	603.3	940	407	1422	16 NPS	26.00	17979	6314

Actual flow rate is dependent on fluid viscosity, micron rating, contaminant, media type and inlet velocity.

Consult media flow charts for each application.

Shipping weights and dimensions are for 10 barg nominal design only.

Ordering Information

MF	C	U	03	V	06	F	B
	Material	Design	Cartridge Qty.	Vessel Orientation	Inlet/Outlet Size	Inlet/Outlet Connection Type	Finish
MF - Mega Flow	C = Carbon Steel G = 304L Stainless Steel S = 316L Stainless Steel	N = Non Code U = ASME Code	01 - 1 Cartridge 02 - 2 Cartridges 03 - 3 Cartridges 04 - 4 Cartridges 05 - 5 Cartridges 06 - 6 Cartridges 07 - 7 Cartridges 08 - 8 Cartridges 12 - 12 Cartridges 15 - 15 Cartridges 19 - 19 Cartridges	Vertical H - Horizontal	06 = 6" 08 = 8" 10 = 10" 12 = 12" 14 = 14" 16 = 16"	F = ANSI 150 lb. flange H = ANSI 300 lb. flange	C - Painted B - Glass Bead Blast P - Passivated E - Electropolished

Process Filtration Division

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