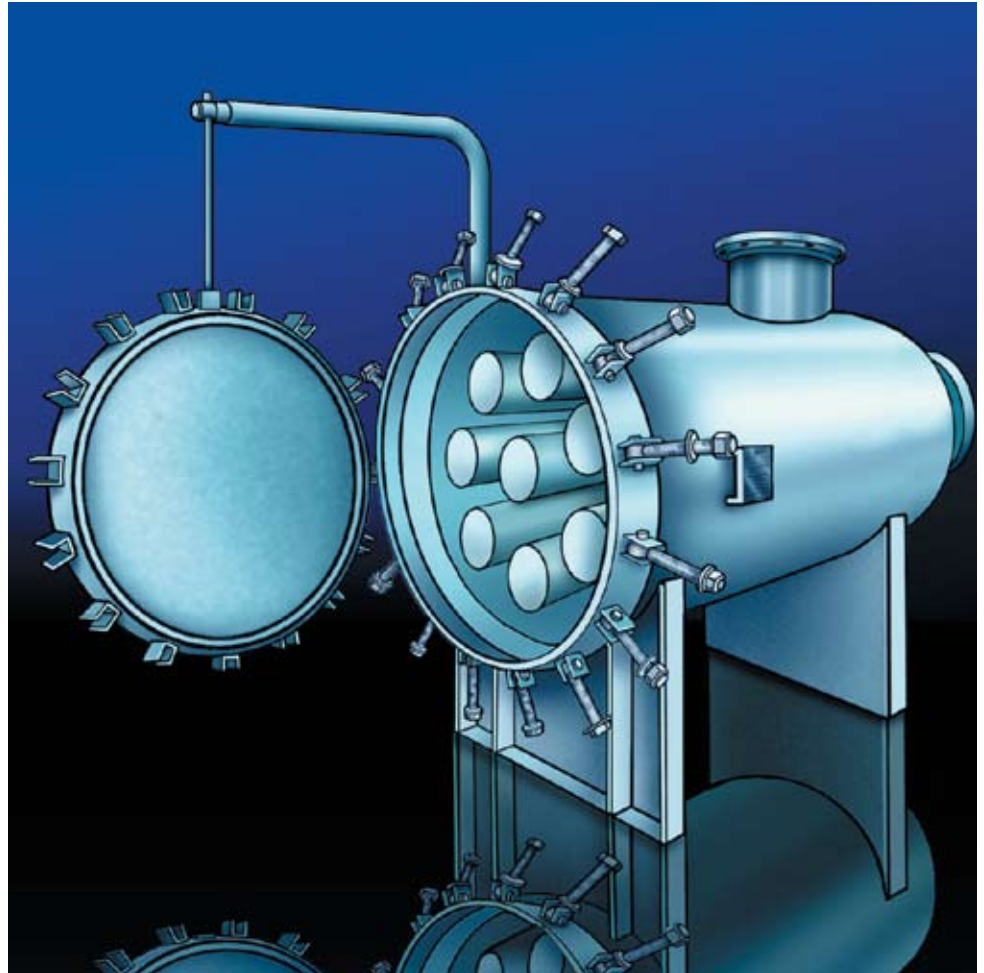




Fulflo® Mega Flow Filter Vessels

Vessels for High Flow Capacity MegaFlow Filter Cartridges

MegaFlow™ vessels are designed to accept MegaFlow™ filter cartridges that handle up to 175 gpm (662 lpm) 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. Models are available for flow rates up to 3325 gpm (12,586 lpm).



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

- Built to ASME Boiler And Pressure Code to insure integrity
- 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
- Available in 150 PSI and 300 PSI pressure ratings

Applications

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

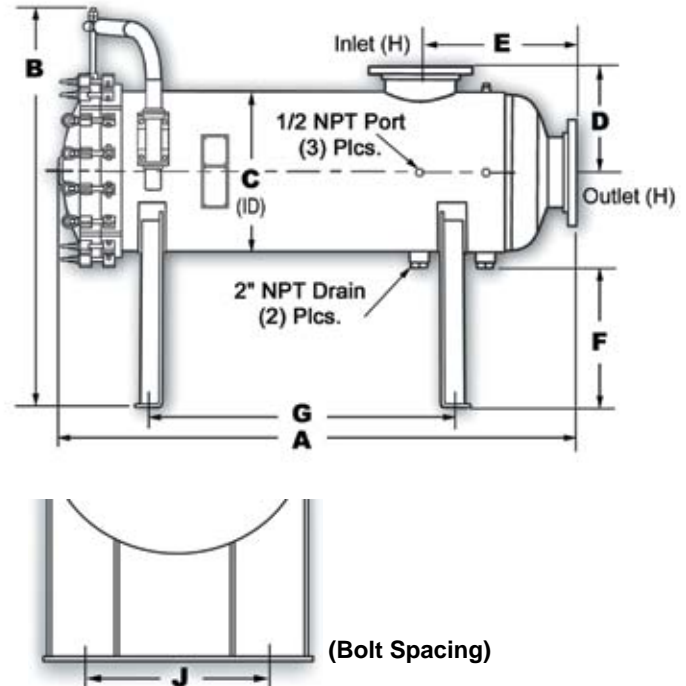


Fulflo® Mega Flow Filter Vessels

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

Model	Elements	A	B	C	D	E	F	G	H	J	Flow GPM	Shipping Weight
MF02	2	69.31	57.44	14.063	11.25	20.00	27.09	46.00	6 NPS	8.00	250	615
MF03	3	69.81	58.44	16.063	12.25	21.00	26.09	46.00	6 NPS	8.00	525	715
MF04	4	75.20	58.00	18.063	13.25	22.00	25.09	48.00	8 NPS	10.00	700	790
MF05	5	75.47	59.00	20.063	14.25	22.00	24.09	48.00	8 NPS	12.00	875	920
MF07	7	78.73	60.00	22.063	15.25	24.00	23.09	48.00	10 NPS	12.00	1225	1120
MF08	8	79.00	61.00	24.063	16.25	24.00	22.09	48.00	10 NPS	14.00	1400	1245
MF12	12	85.93	64.06	30.063	20.25	28.00	19.03	52.00	12 NPS	20.00	2100	1915
MF15	15	92.95	65.06	32.063	21.50	30.00	18.03	54.00	14 NPS	22.00	2625	2175
MF19	19	95.32	73.31	36.063	23.75	34.00	22.03	56.00	16 NPS	26.00	3325	2870

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 150 PSIG nominal design only.

Ordering Information

MF

Material	Design	Cartridge Qty.	Vessel Orientation	Inlet/Outlet Size	Inlet/Outlet Connection Type	Finish
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 07-7 Cartridges 08-8 Cartridges 12-12 Cartridges 15-15 Cartridges 19-19 Cartridges	V - 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



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