

Fulflo® Single Cartridge **High-Pressure Filter Vessels**

Single Cartridge Filter Vessel Series

Fulflo® High-Pressure Filter **Vessels Are Ideal for High-Pressure Liquid and Gas Systems**

Ideal for a wide range of industrial machinery and process industry applications, these vessels combine extremely high-pressure rating capability with ease of installation and rugged durability.

Applications

- Petrochemicals
- Process Water
- Coolants
- Solvents
- Hydraulic Oils
- Compressed Air and Gasses
- Other High-Pressure Liquids



Features and Benefits

- 4MX10 has ductile iron head with integral mounting bosses for ease of mounting.
- 4MX10 has threaded cartridge to head with O-ring for positive seal.
- 4.5C features multiple bolt closure to meet high pressure requirements.
- In-line pipe connections for easy installation.
- Spring-loaded bottom seats for positive cartridge sealing.
- Drain and vents standard on all models.

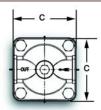


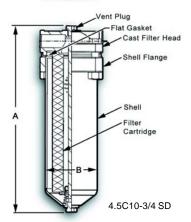


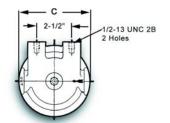


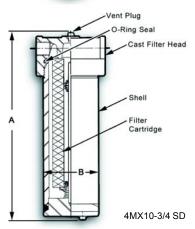
Bulletin C-3002 Rev. 08/02

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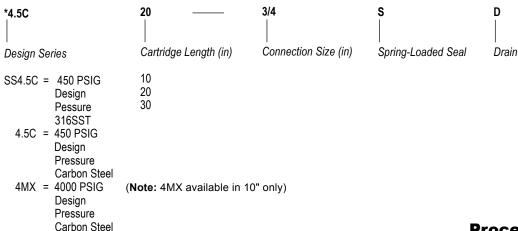
Design Specifications

Model	Rated Capacity* (gpm) (scfm)		(Number) & Length of Wound Depth Cartridges (in)	Maximum Operating Pressure (psi)	Maximum Operating Temperature	A Overall Height (in)	B Outside Dia. (in)	C Face-to- Face Dim. (in)	Pipe Size (NPT) (in)	Shipping Weight (lbs)
4.5C10-3/4 SD	5	300	(1) 10	450 psi (31.0 bar)	400°F (204°C)	13.31	3.63	4.38	.75	9
4MX10-3/4 SD	5	800	(1) 10	4000 psi (276 bar)	250°F (121°C)**	13	4	5.0	.75	30
SS4.5C10-3/4 SD	5	-	(1) 10	450 psi (31.0 bar)	400°F (204°C)	13.31	3.63	4.38	.75	10

- * Maximum flow rate for gases based on air at 70°F (21°C) and maximum operating pressure with initial pressure loss of 3 psig (.2 bar) with a 10μm viscose Fulflo[®] filter cartridge.

 Rated liquid capacity based on initial pressure drop of 3 psig (.2 bar) with a 20μm cotton Fulflo[®] filter cartridge and fluid viscosity equivalent to water.
- ** Maximum operating temperature to 400°F (204°C) with Viton*** elastometer O-ring.
- *** A trademark of E. I. du Pont de Nemours & Co.

Ordering Information



Process Filtration Division

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