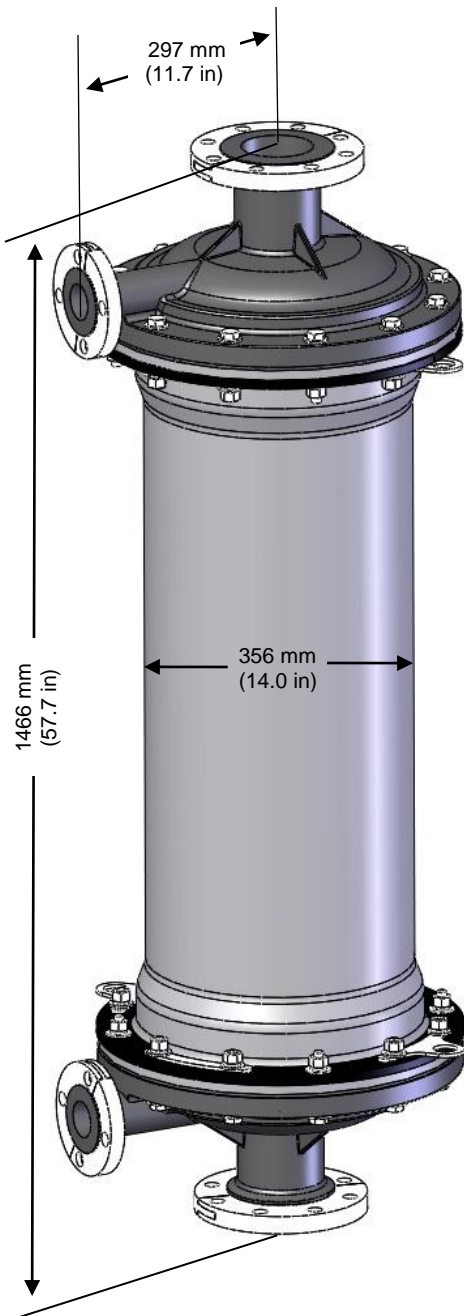


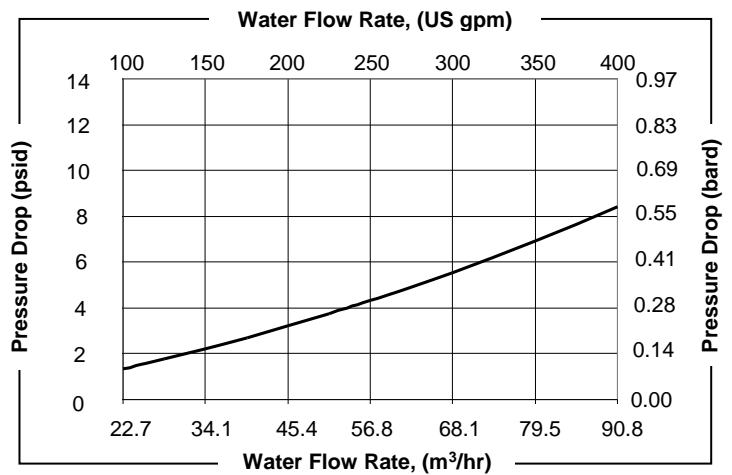
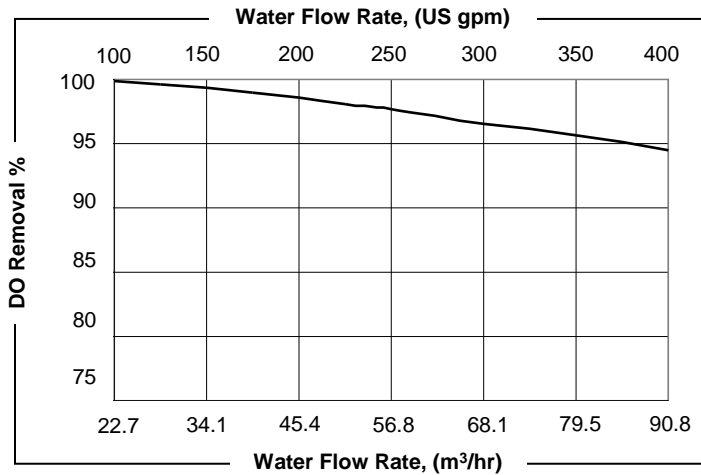
14 x 40 EXTRA-FLOW PRODUCT DATA SHEET



NOTE: All dimensions are nominal values

Cartridge Characteristics	
Cartridge Configuration	Extra-Flow with Center Baffle
Liquid Flow Guidelines	16 – 125 m ³ /hr (70 – 550 gpm)
Membrane Type	X40 Fiber
	Recommended for O ₂ removal from liquid and other gas transfer applications
Membrane/Potting Material	Polypropylene / Epoxy
Typical Active Membrane Area	4015 ft ² (373 m ²)
Priming Volume (approximate)	
Shellside	53.2 L (14.1 gal)
Lumenside	25.9 L (6.9 gal)
Pressure Guidelines	
Maximum Shellside LIQUID Working Temperature/Pressure in vacuum or combo mode	5-25° C, 7.2 barg (41-77° F, 105 psig) 50° C, 2.1 barg (122° F, 30 psig)
If no vacuum is used, 1 barg (15 psig) can be added to pressures above.	
Maximum Applied Gas Pressure	4.1 barg at 25° C (60 psig at 77° F)
Max applied gas pressure is for integrity testing at ambient temperatures. Normal operating pressures are typically lower.	
*Pressures are based on non-dangerous liquids and gasses per the European Union Pressure Equipment Directive /97/23/EC. See Operating Guide for pressure limits in the European Union with dangerous liquids and gasses. Also, see Operating Guide for complete temp/pressure limits for housings and membrane. Note: Liquid pressure should always exceed gas pressure.	
Housing Options and Characteristics	
Housing Material	PVC Vessel with Engineered Thermoplastic End Caps
Flange Backing Rings	SMC (Sheet Molded Compound)
Flange Connections	
Shellside (Liquid Inlet/Outlet)	<ul style="list-style-type: none"> • 4 inch class 150 raised face flange per ANSI B16.5 • 100A at 10K raised face flange per JIS B2238
Lumenside	<ul style="list-style-type: none"> • 2 inch class 150 raised face flange per ANSI B16.5 • 50A at 10K flat face flange per JIS B2238
Mounting Kit	
A Mounting Kit with 2 cradles and 2 straps is available and sold separately. It will hold the contactor horizontally or vertically.	
Seal Options	
Material	Applications
EPDM (ANSI / NSF 61)	All Purpose
Weight (approximate)	
Dry	64 kg (141 lbs)
Liquid Full	116 kg (256 lbs)
Regulatory	
Complies with the limits as set by RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC.	

14 x 40 EXTRA-FLOW PRODUCT DATA SHEET



Curves represent nominal values, generated using water at 20°C.
 Test condition O₂ Removal: X40 membrane, N₂-vacuum combo mode, Vacuum: 50 torr, N₂: 0.8 scfm.
 Characteristics may change under different operating conditions.

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