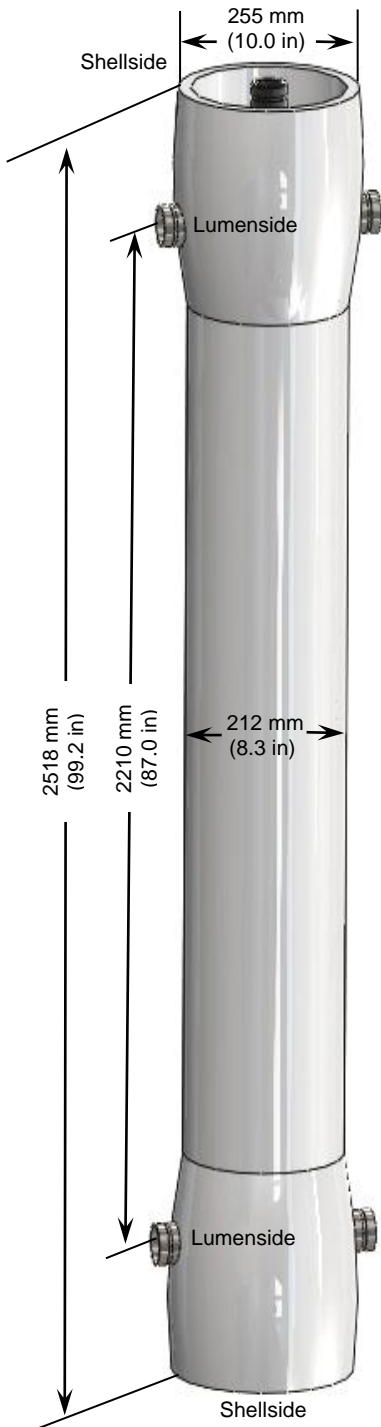


## 8 x 80 EXTRA-FLOW PRODUCT DATA SHEET

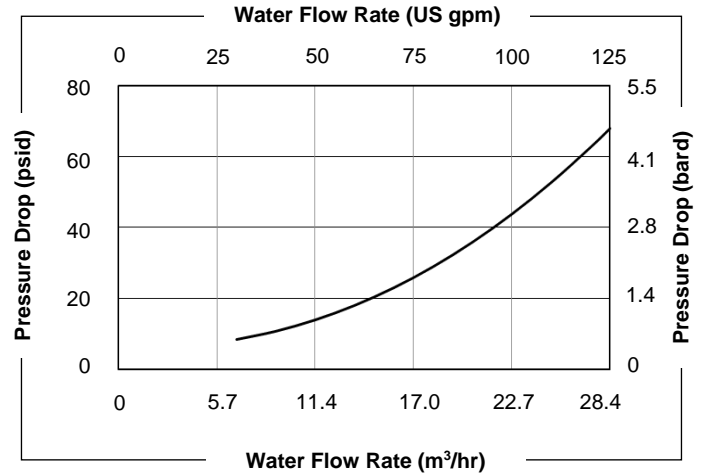
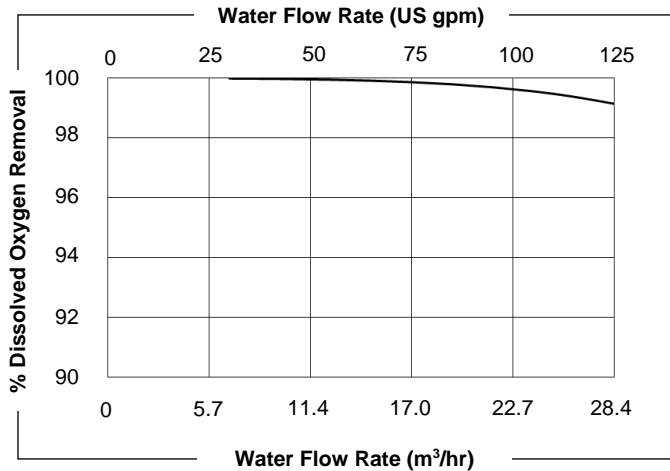


NOTE: All dimensions are nominal values.



Membrane Characteristics	
Cartridge Configuration	Extra-Flow with Center Baffle
Liquid Flow Guidelines	7 – 28 m <sup>3</sup> /hr (30 – 125 gpm)
Membrane Type	<b>X40 Fiber</b>
	Recommended for high pressure O <sub>2</sub> removal and other gas transfer applications
Membrane/Potting Material	Polypropylene / Epoxy
Typical Membrane Surface Area	242 m <sup>2</sup> (2605 ft <sup>2</sup> )
Priming Volume (approximate)	
Shellside	30.3 L (8.0 gal)
Lumenside	19.7 L (5.2 gal)
Pressure Guidelines*	
Maximum Shellside <u>LIQUID</u> Working Temperature/ Pressure	5-25° C, 19.7 barg (41-86° F, 285 psig) 60° C, 12.0 barg (140° F, 175 psig)
If no vacuum is used, 1 barg (15 psig) can be added to pressures above.	
Maximum Applied Gas Pressure	2.1 barg at 25° C (30 psig at 77° F)
Max applied gas pressure is for integrity testing at ambient temperatures. Normal operating pressures are typically lower.	
* See Operating Guide for complete listing of temp/pressure limits for housings and membrane. Note: Liquid pressure should always exceed gas pressure.	
Housing Options and Characteristics	
Material	Fiber Reinforced Plastic (FRP) FRP Vessel Code-rated to ASME BPVC Section X
Connections	
Shellside (Liquid Inlet/Outlet)	• 1.5 Inch Grooved pipe fitting
Lumenside	• 1.5 Inch Grooved pipe fitting
Seal Options	
Material	Applications
EPDM	All Purpose
Weight (approximate)	
Dry	52 kg (115 lbs)
Liquid Full (shellside)	89 kg (196 lbs)
Shipping Weight	Additional 3-5 kg (6-12 lbs). Does not include pallet weight.

## 8 x 80 EXTRA-FLOW PRODUCT DATA SHEET



Curves represent nominal values with FRP vessel using water at 20° C. Characteristics may change under different operating conditions.

Test condition O<sub>2</sub> Removal with X40 membrane: N<sub>2</sub>-vacuum combo mode, vacuum: 50 mm Hg N<sub>2</sub> sweep: 0.5 SCFM.

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