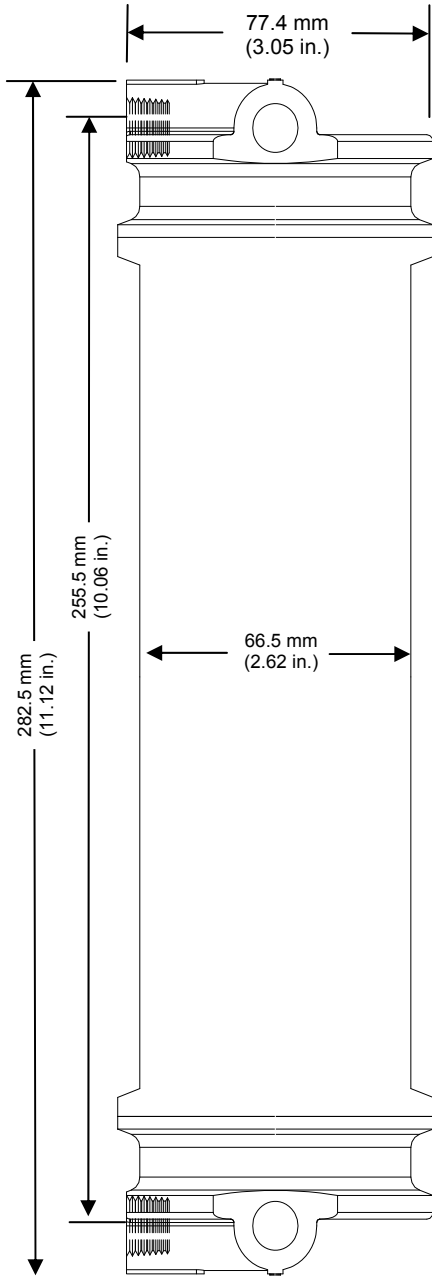
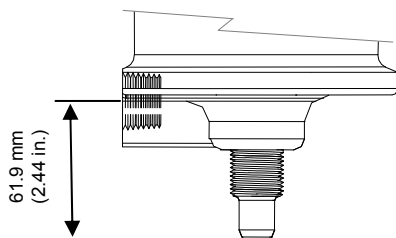


2.5 x 8 SuperPhobic® PRODUCT DATA SHEET



Clamp-free Version

Below: End cap with 3/8" or 1/2" Flaretek liquid ports

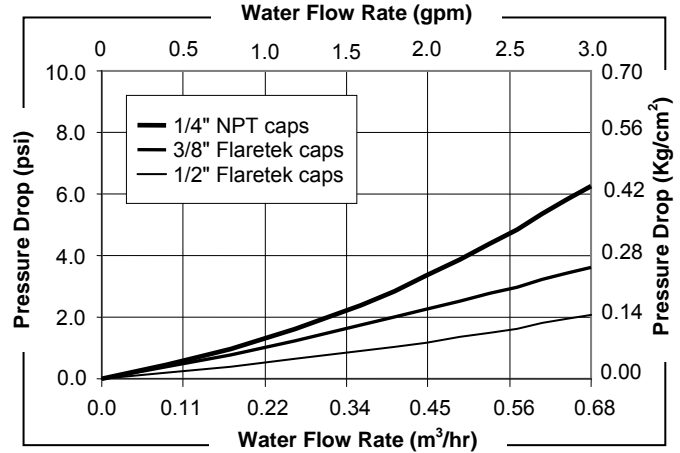
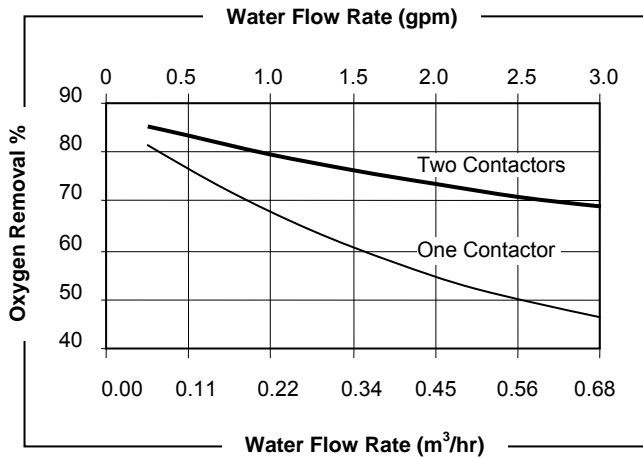


Cartridge Characteristics	
Cartridge Configuration	Extra-Flow with Center Baffle
Liquid Flow Guidelines (one cartridge)	0.1 – 0.7 m ³ /hr (0.5 – 3 gpm) Liquid must flow on the shellside
Membrane/Potting Material	Polyolefin / Polyethylene
Typical Membrane Surface Area	1.25 m ² (13.45 ft ²)
Maximum Working Temperature/Pressure (Using 50 mm vacuum on lumenside)	25°C, 4.2 kg/cm ² or 4.1 bar 50°C, 1.1 kg/cm ² 1 bar (77°F, 60 psig) (122°F, 15 psig)
Priming Volume	
Shellside	0.4 liters (0.11 gal.)
Lumenside	0.15 liters (0.04 gal.)
Housing Characteristics	
Material	Polypropylene
Flange Connections	
Shellside (Liquid Inlet/Outlet)	<ul style="list-style-type: none"> • 1/4 inch NPT female • 3/8 inch Flaretek® (nut included) • 1/2 inch Flaretek® (nut included)
Lumenside	<ul style="list-style-type: none"> • 1/4 inch NPT female
Seal Options	
Material	Applications
Viton	General Purpose
K-UPW	Ultra Pure Water
Weight	
Dry	0.5 kg. (1.1 lbs.)
Liquid full (shellside)	0.9 kg. (2 lbs.)
Shipping weight	1.2 kg. (2.4 lbs.)

All components of the SuperPhobic® Membrane Contactor, when used in accordance with recommendations given in our product literature at and below ambient temperatures, are in compliance with all relevant FDA regulations as specified in Title 21 of the Code of Federal Regulations.

Note: All dimensions are nominal values. Overall length with Flaretek connections increases. See www.liqui-cel.com for all housing drawings.

2.5 x 8 SuperPhobic® PRODUCT DATA SHEET

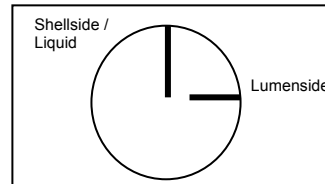


Test Conditions: 50mm Hg Vacuum at 20°C

Cartridge Specifications		
Characteristics	Test Conditions	Specifications
Performance O ₂ Removal	Lumenside N ₂ Flow: 1 scfm at 20°C	43.6% Clamped 40.8% Semibody
Pressure Drop, psi maximum	Shellside water flow: 3 gpm at 20°C	NPT Clamped: 4.4 psi
		NPT Semibody: 4.2 psi
		1/2 inch Flaretek® Semibody: 2.2 psi
		3/8 inch Flaretek® Semibody: 3.9 psi

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

2.5 x 8 end cap ports for NPT connections



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