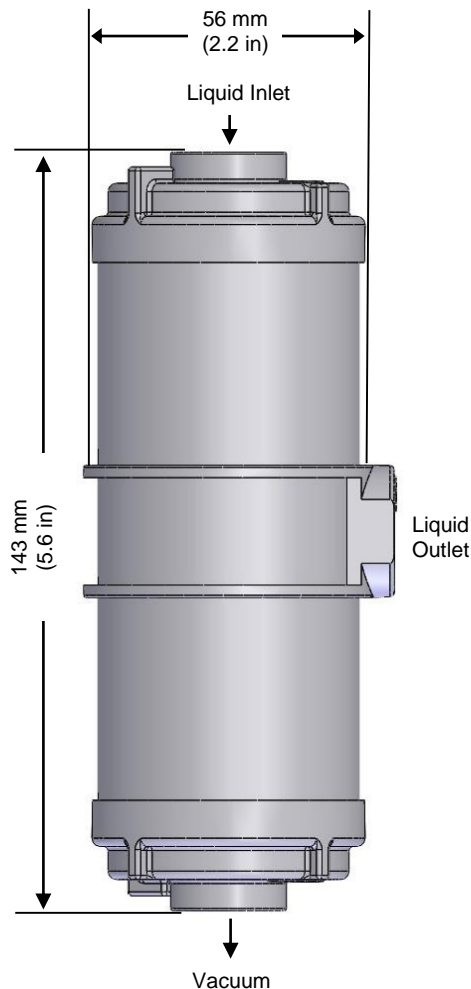


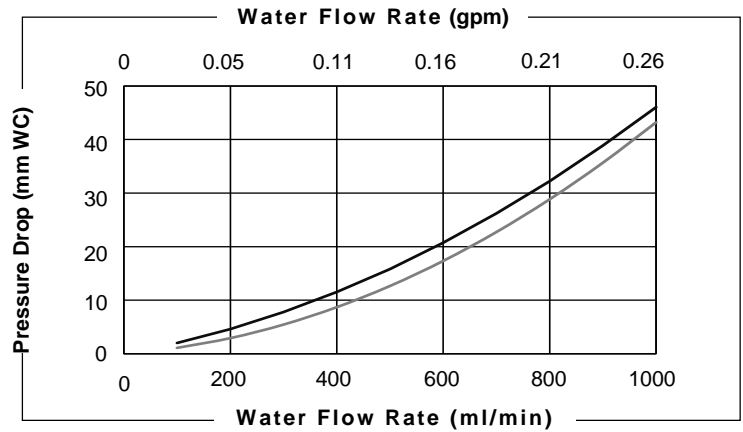
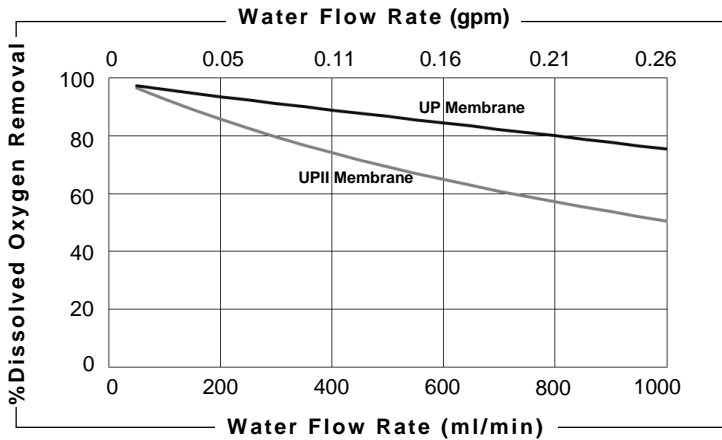
2 x 6 RADIAL FLOW SUPERPHOBIC® PRODUCT DATA SHEET



Note: All dimensions are nominal values. Refer to liqui-cel.com for detailed housing drawings.

Membrane Characteristics		
Cartridge Configuration	No Baffle Radial Flow	
Liquid Flow Guidelines	100 ml/min – 1 liter/min Liquid must flow on the shellside	
Membrane Type	UltraPhobic™	UltraPhobic™ II
	Recommended for low surface tension liquids that are water-based	Recommended for low surface tension fluids with aggressive formulations
Membrane/Potting Material	Polyolefin / Polyethylene	
Typical Membrane Surface Area	0.3 m ²	
Priming Volume		
Shellside	77 ml	
Pressure Guidelines*		
	UltraPhobic™	UltraPhobic™ II
Maximum Shellside LIQUID Working Temperature/Pressure	5-25° C, 4.1 barg (41-77° F, 60 psig) 50° C, 1.0 barg (122° F, 15 psig)	5-25° C, 7.2 barg (41-77° F, 105 psig) 75° C, 1.0 barg (167° F, 15 psig)
* Note: Liquid pressure should always exceed gas pressure. If no vacuum is used, 1 barg (15 psig) can be added to pressures above.		
Housing Options and Characteristics		
Material	Polyethylene	
Connections		
Shellside (Liquid Inlet/Outlet)	1/4 inch NPT Female	
Lumenside (vacuum)	1/4 inch NPT Female	
Weight (approximate)	UltraPhobic™	UltraPhobic™ II
Dry	140 grams	
Liquid full (shellside - water)	220 grams	
Shipping weight	310 grams	
Regulatory		
Complies with the limits as set by RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC. Constructed of FDA CFR title 21 compliant materials for wetted parts only at ambient temperatures.		

2 x 6 RADIAL FLOW SUPERPHOBIC[®] PRODUCT DATA SHEET



— UltraPhobic™ — UltraPhobic™ II

— UltraPhobic™ — UltraPhobic™ II

Test condition O₂ Removal: Vacuum mode with water at 45° C. Vacuum: 50 torr

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