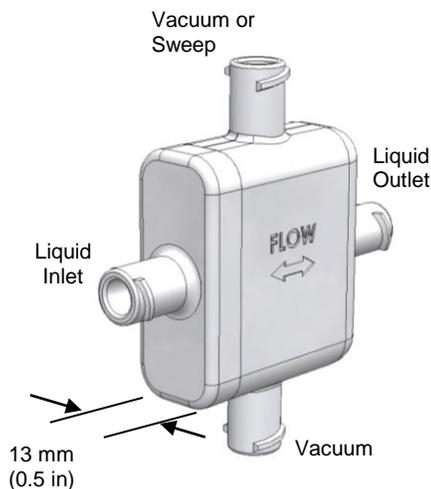
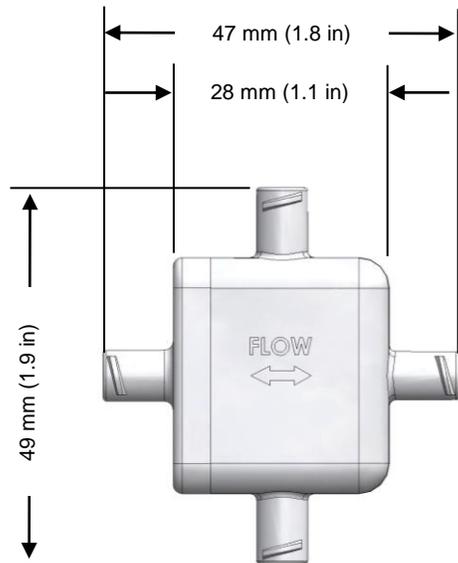


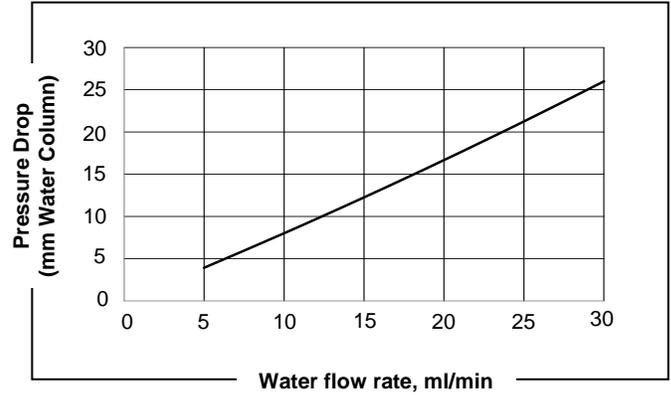
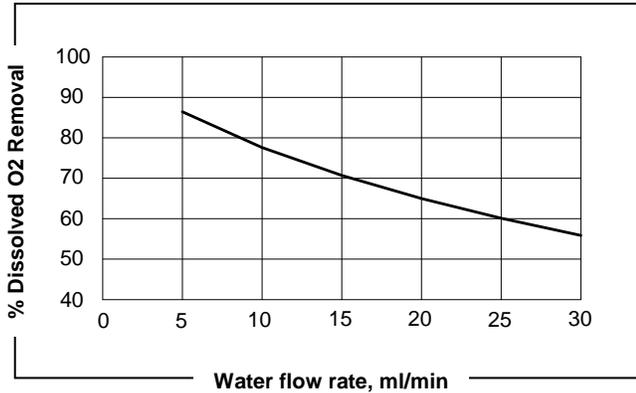
0.5 x 1 SuperPhobic MicroModule[®] PRODUCT DATA SHEET



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

Membrane Characteristics	
Cartridge Configuration	No Baffle Membrane Array Design
Liquid Flow Guidelines	5 - 30 ml/min Liquid must flow on the shellside
Membrane Type	UltraPhobic™
Membrane/Potting Material	Polyolefin / Epoxy
Typical Membrane Surface Area	100 cm ²
Priming Volume	
Shellside	1.7 ml
Lumenside	1.0 ml
Pressure Guidelines*	
Maximum Shellside LIQUID Working Temperature/Pressure	5-20° C, 3.1 barg (41-68° F, 45 psig) 45° C, 1.7 barg (113° F, 25 psig)
* Note: Liquid pressure should always exceed gas pressure.	
Housing Characteristics	
Material	Black Polyethylene
Flange Connections	
Shellside (Liquid Inlet/Outlet)	Female Luer Lock
Lumenside (vacuum)	Female Luer Lock
Weight (approximate)	
Dry	8 grams
Liquid Full	10 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.	

0.5 x 1 SuperPhobic MicroModule[®] PRODUCT DATA SHEET



Test condition O₂ Removal: Vacuum mode with water at 20° C. Vacuum: 50 torr

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