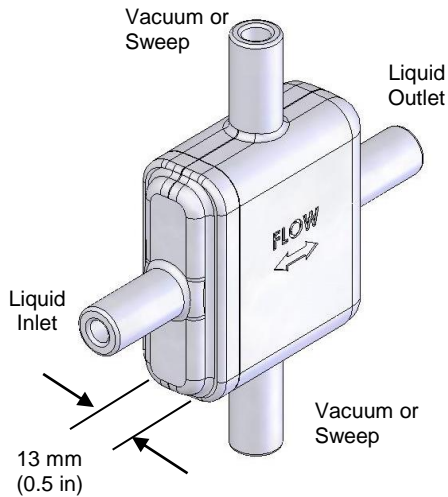
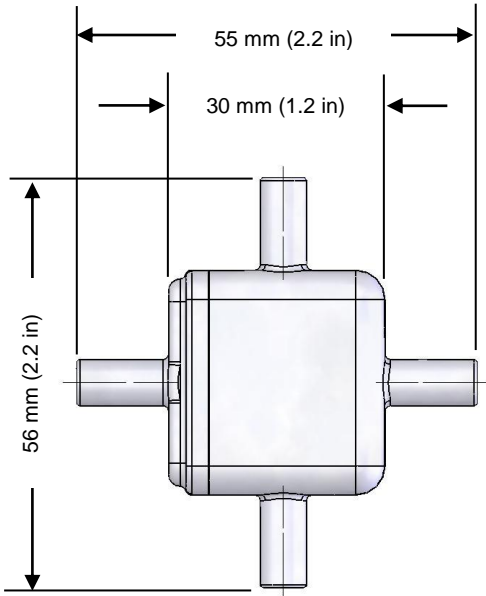


0.5 x 1 MICROMODULE™ PRODUCT DATA SHEET

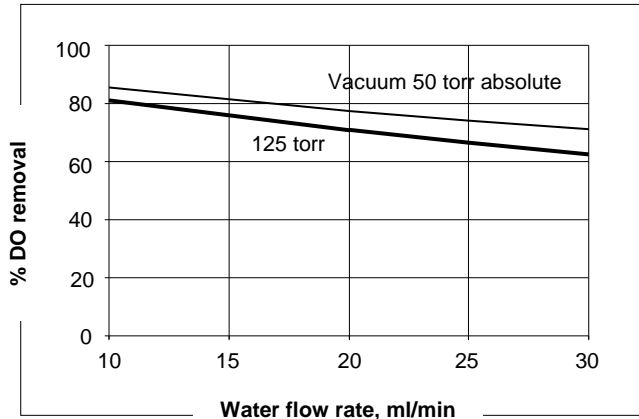


Membrane Characteristics	
Cartridge Configuration	No Baffle Membrane Array Design
Liquid Flow Guidelines	5 – 30 ml/min Liquid must flow on the shellside
Membrane Type	X50
Membrane/Potting Material	Polypropylene / Epoxy
Typical Membrane Surface Area	100 cm ²
Priming Volume (approximate)	
Shellside	3.5 ml
Pressure Guidelines*	
Maximum Working <u>LIQUID</u> Temperature/Pressure	5-25° C, 3.1 barg (41-77° F, 45 psig) 40° C, 1.0 barg (104° F, 15 psig)
* Note: Liquid pressure should always exceed gas pressure.	
Housing Characteristics	
Material	Polycarbonate
Connections	
Shellside (Liquid Inlet/Outlet)	1/4 inch Straight Tube
Lumenside (vacuum)	1/4 inch Straight Tube
Weight (approximate)	
Dry	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.	

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



0.5 x 1 MICROMODULE™ PRODUCT



Curves represent nominal values generated using water on the shellside and vacuum on the lumenside at 20° C. Characteristics may change under different operating conditions.

Pressure Drop:

In all flow rates up to 30 ml/min, the pressure drop is < 0.014 bard (0.2 psid).

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