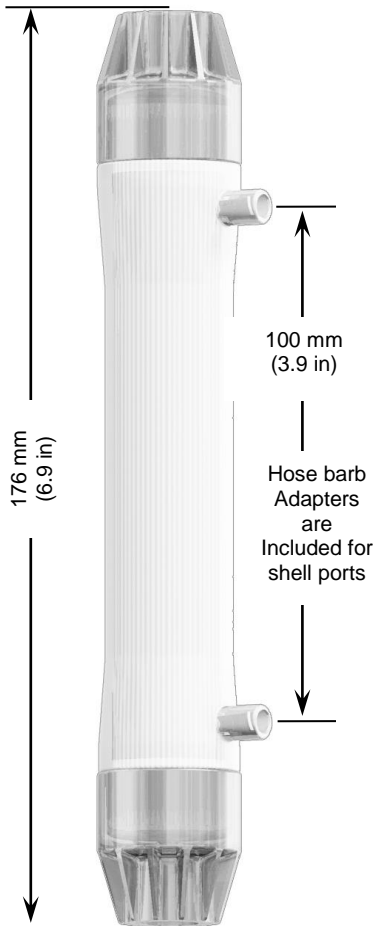


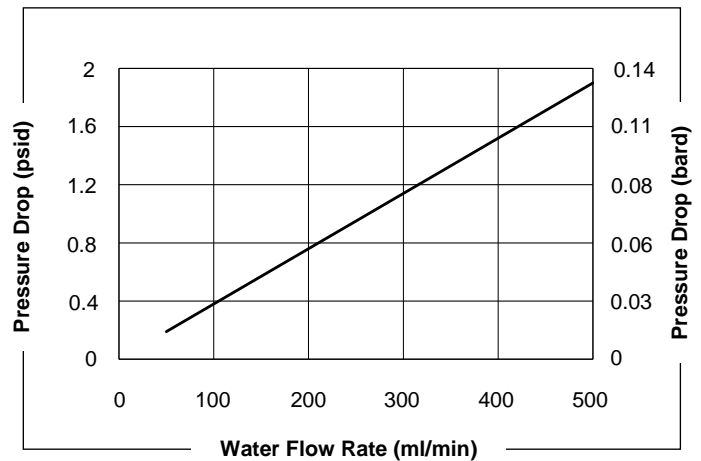
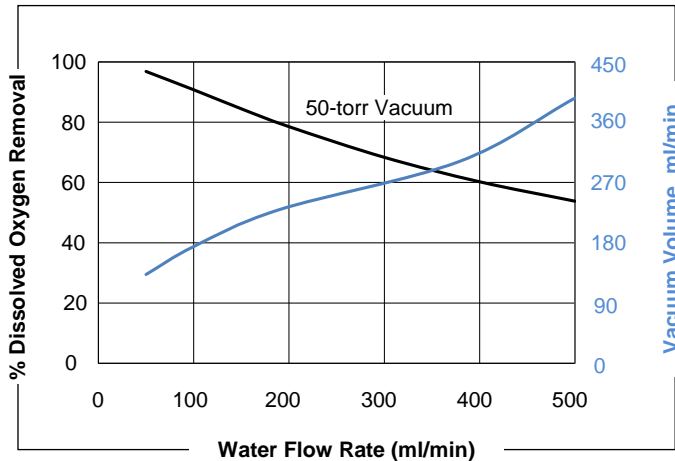
1 x 5.5 MiniModule™ PRODUCT DATA SHEET



Membrane Characteristics	
Cartridge Configuration	Parallel Flow. Lumenside Liquid Flow.
Liquid Flow Guidelines	< 500 ml/min
Membrane Type	X50 Fiber
Membrane/Potting Material	Polypropylene/Polyurethane
Typical Membrane Surface Area	0.2 m ² Calculated based on inner diameter of hollow fiber
Priming Volume (approximate)	
Shellside	25 ml
Lumenside	16 ml
Pressure Guidelines*	
Maximum Lumenside LIQUID Working Temperature/ Pressure	5-20° C, 4.1 barg (41-68° F, 60 psig) 40° C, 2.1 barg (104° F, 30 psig)
* Note: Liquid pressure should always exceed gas pressure.	
Housing Options and Characteristics	
Material	Polycarbonate
Flange Connections	
Shellside (gas/vacuum)	Standard Female Luer Lock with Polycarbonate adaptors to ¼ inch Hosebarb
Lumenside (wetted surface)	¼ inch FNPT
Weight (approximate)	
Dry	47 grams
Shipping weight (max)	56 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.

1 x 5.5 MiniModule™ PRODUCT DATA SHEET



— DO removal — Vacuum volume (estimated)

Curves represent nominal values, generated using water on the Lumenside at 20° C with 50 torr of vacuum drawn on both Shellside ports. The estimated vacuum volume guideline is based on a flow rate at 20° C, 50 Torr. Characteristics may change under different operating conditions.

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