



3M™ Liqui-Cel™ MM-0.75x1 Series Membrane Contactor

Typical Properties

Membrane Characteristics	
Cartridge Configuration	No Baffle Membrane Disc Design
Liquid Flow Guidelines	15 - 200 ml/min
Membrane Type	X40 Fiber
Membrane/Potting Material	Polypropylene / Epoxy
Priming Volume (approximate)	
Shellside	6.5 ml

Pressure Guidelines*	
Maximum Shellside LIQUID Working Temperature/ Pressure	5-25°C, 3.1 barg (41-77°F, 45 psig)

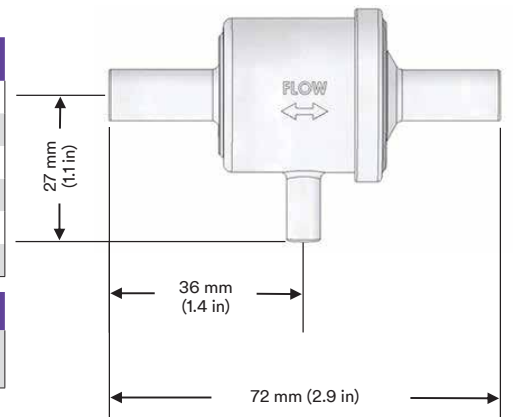
* Note: Liquid pressure should always exceed gas pressure.

Housing Characteristics	
Material	Polycarbonate
Connections	
Shellside (Liquid Inlet/Outlet)	3/8 inch Straight Tube
Lumenside (vacuum)	1/4 inch Straight Tube

Weight (approximate)	
Dry (cartridge and housing)	16 grams
Water-filled (shellside)	22 grams

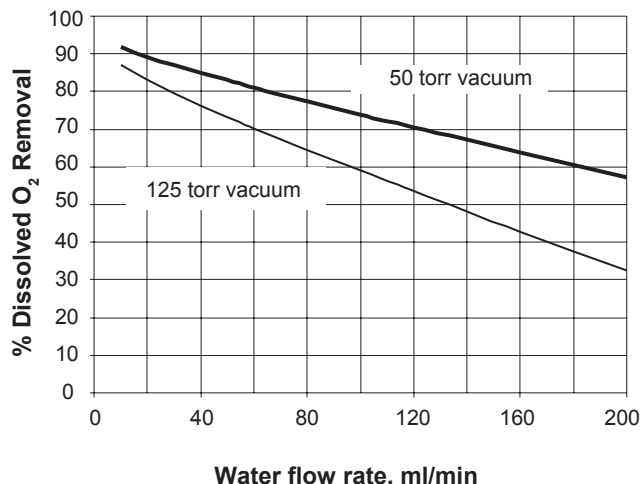
Mounting	
Horizontal with vacuum port pointed down	

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.	

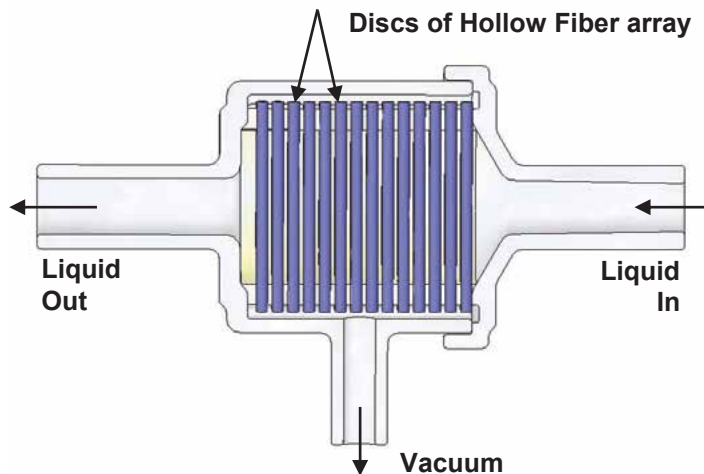


All dimensions are nominal values. See full housing drawing on 3M.com/Liqui-Cel for additional details.

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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.



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