3M Science. Applied to Life.™

3M™ Liqui-Cel™ SP-0.5×1 Series Membrane Contactor

Typical Properties

Membrane Characteristics	
Cartridge Configuration	Transverse Flow
Liquid Flow Guidelines	5–30 ml/min (Liquid must flow on the shellside)
Membrane Type	UP
Membrane/Potting Material	Polyolefin / Epoxy
Priming Volume (approximate)	
Shellside	1.7 ml
Lumenside	1.0 ml

Pressure Guidelines*	
Maximum Shellside LIQUID Working Temperature/ Pressure	5–25°C, 3.1 barg (41–77°F, 45 psig) 45°C, 1.7 barg (113°F, 25 psig)

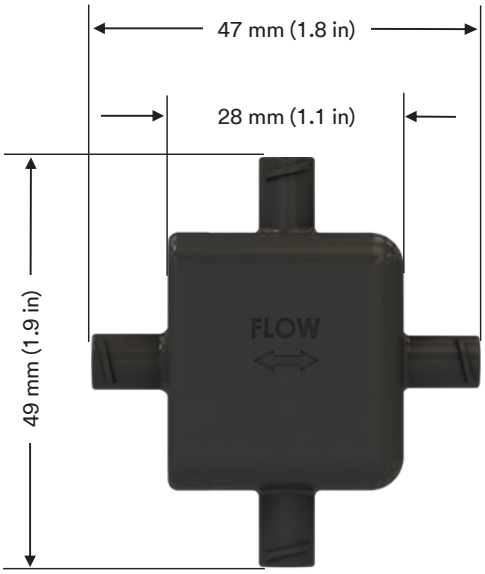
* Note: Liquid pressure should always exceed gas pressure.

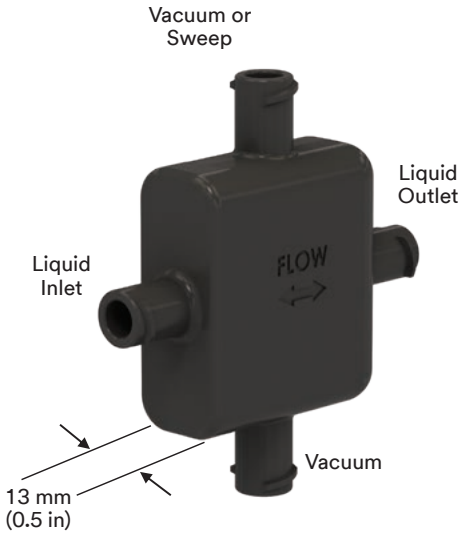
Housing Options and Characteristics	
Material	Black HD Polyethylene
Flange Connections	
Shellside (Liquid Inlet/Outlet)	Female Luer Lock
Lumenside (vacuum)	Female Luer Lock

Weight (approximate)	
Dry	8 grams

Regulatory

Complies with the limits as set by (EU) 2015/863 amending Annex II to the Restriction on Hazardous Substances (RoHS) Directive (2011/65/EU). 3M™ Liqui-Cel™ SP-0.5×1 Series Membrane Contactors **are not** constructed of FDA Title 21 CFR § 174-186 compliant materials. Not for use in food contact applications.





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

Not for consumer sale or use.

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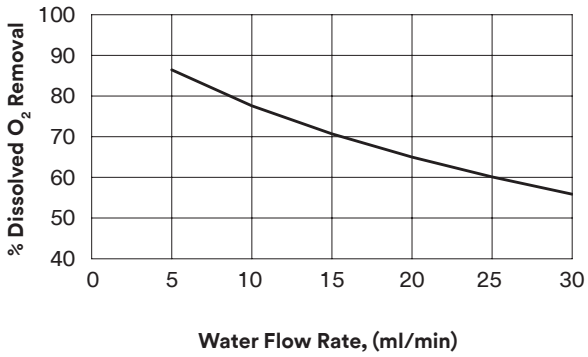

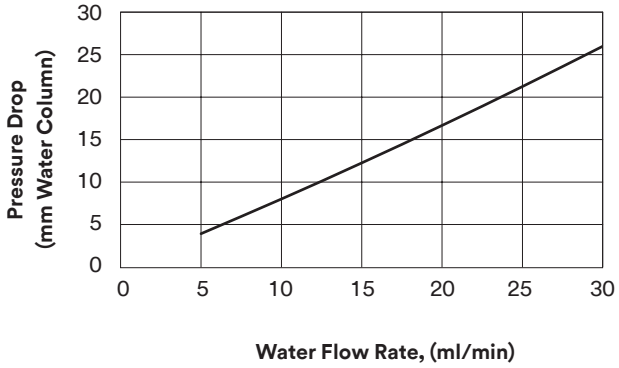

Test condition O_2 Removal: Vacuum mode with water at 20°C. Vacuum: 50 torr.

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