

3M™ Liqui-Cel™ SP-1×6 Series Membrane Contactor

Typical Properties

| Membrane Characteristics | |
|--|--|
| Cartridge Configuration | Radial Flow |
| Liquid Flow Guidelines | 15 – 300 mL/min (Liquid must flow on the shellside) |
| Flow rates are guidelines for product selection and reflect the flow range at which the product was tested. Product may be capable of operating above listed flow range depending on liquid being degassed and user's target dissolved gas requirements. | |
| Membrane Type | UP II |
| | Recommended for low surface tension fluids |
| Membrane/Potting Material | Polyolefin / Polyethylene |
| Shellside Priming Volume (approximate) | 62 mL |

| Pressure Guidelines* | |
|---|--|
| Maximum Shellside LIQUID Working Temperature/ Pressure | 5-25°C, 4.1 barg (41-77°F, 60 psig) 75°C, 1.0 barg (167°F, 15 psig) |

* Note: Liquid pressure should always exceed gas pressure.

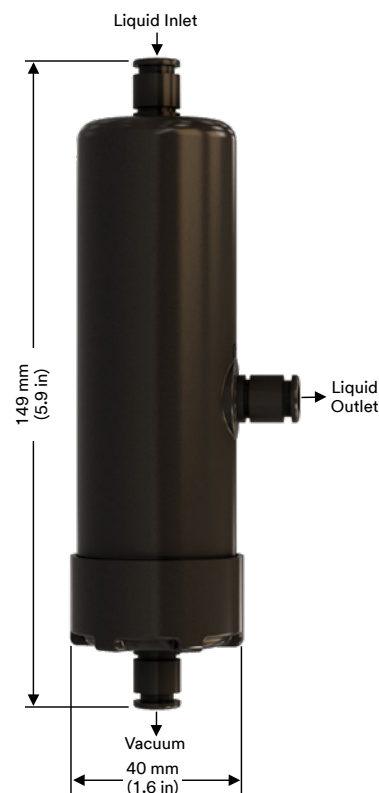
| Housing Options and Characteristics | |
|--|--|
| Material | Black Polyethylene |
| Connections | |
| Shellside (Liquid Inlet/Outlet)** | Quick disconnect compatible with CPC™ PLC12 series |
| Lumenside (Vacuum)** | Quick disconnect compatible with CPC™ PLC12 series |

** Note: Use of metal connectors is not recommended.

| Seal Options (Only applicable to the external seals. No internal seals are used.) | |
|---|---------------------|
| Material | Applications |
| FFKM | General Purpose |

| Weight (approximate) | |
|----------------------|----------|
| Dry | 60 grams |

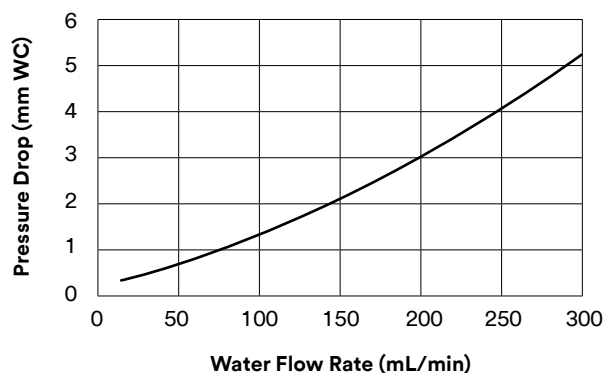
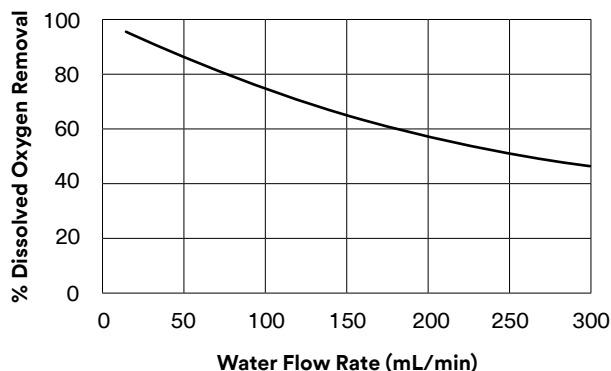
| Regulatory | |
|--|--|
| Complies with the limits as set by (EU) 2015/863 amending Annex II to the Restriction on Hazardous Substances (RoHS) Directive (2011/65/EU). 3M™ Liqui-Cel™ SP-1×6 Series Membrane Contactors are constructed of FDA Title 21 CFR § 174-186 compliant materials for wetted parts only at ambient temperatures. | |



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

Not for consumer sale or use.

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Test condition O₂ Removal: Vacuum mode with water at 25°C. Vacuum: 50 torr

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