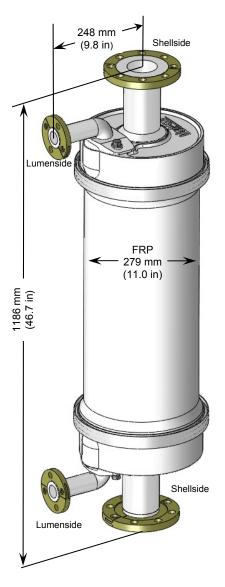


Liqui-Cel®

10 x 28 INDUSTRIAL PRODUCT DATA SHEET

INDUSTRIAL



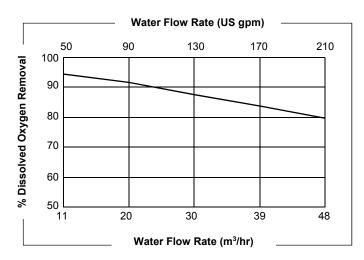
NOTE: All dimensions are nominal values

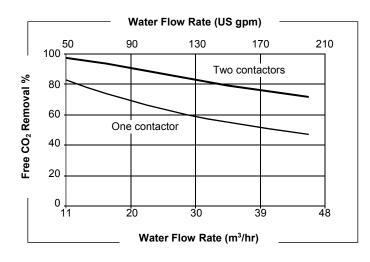
Membrane Characteristics	
Cartridge Configuration	Industrial Use Extra-Flow with Center Baffle
Liquid Flow Guidelines	10 – 48 m³/hr (44 – 210 gpm)
Membrane Type	X-IND Fiber
Membrane/Potting Material	Polypropylene / Epoxy
Typical Membrane Surface Area	131 m² (1410 ft²)
Priming Volume	•
Shellside	26.1 L (6.9 gal)
Lumenside	10.6 L (2.8 gal)
Pressure Guidelines*	
Maximum Shellside <u>LIQUID</u> Working Temperature/Pressure	5-50° C, 4.1 barg (41-122° F, 60 psig)
If no vacuum is used, 1 barg (15 psig) can be ac	ided to pressures above.
Maximum Applied Gas Pressure	4.1 barg at 25° C (60 psig at 77° F)
Max applied gas pressure is for integrity testing lower.	at ambient temperatures. Normal operating pressures are typically
*See Operating Guide for complete temp/pressu Note: Liquid pressure should always exceed ga	
Housing Options and Character	
Material	Fiber Reinforced Plastic (FRP) for Industrial Use Exterior finish is gray
Flange Connections	
Shellside (Liquid Inlet/Outlet)	3 inch class 150 raised face flange per ANSI B16.5 80A at 10K flat face flange per JIS B2238
Lumenside	1 inch class 150 raised face flange per ANSI B16.5 50A at 10K flat face flange per JIS B2238
Mounting Kit	
A Mounting Kit with 2 cradles and 2 straps horizontally or vertically.	is available and sold separately. It will hold the contactor
Seal Options	
Material	Applications
EPDM	General Purpose
Weight (approximate)	
Dry	33 kg (73 lbs)
Liquid full (shellside)	57 kg (125 lbs)
Cartridge only – dry	10 kg (23 lbs)
Shipping weight	44 kg (98 lbs)
Regulatory	
Committee with the Burth of the Della D	

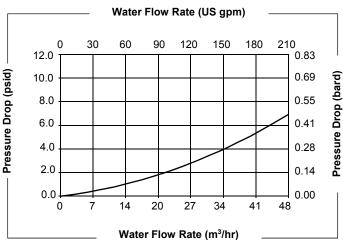
Complies with the limits as set by RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC.



10 x 28 INDUSTRIAL PRODUCT DATA SHEET







Curves represent nominal values, generated using water at 20°C. Characteristics may change under different operating conditions.

Test condition O_2 Removal: N_2 -vacuum combo mode, vacuum: 50 mm Hg N2 sweep: 0.25 scfm at 20 $^{\circ}$ C.

Test condition CO_2 Removal: Air vacuum combo mode, vacuum: 75 mm Hg, air sweep, 1 scfm at $25^{\circ}C.$

Technical Information: The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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