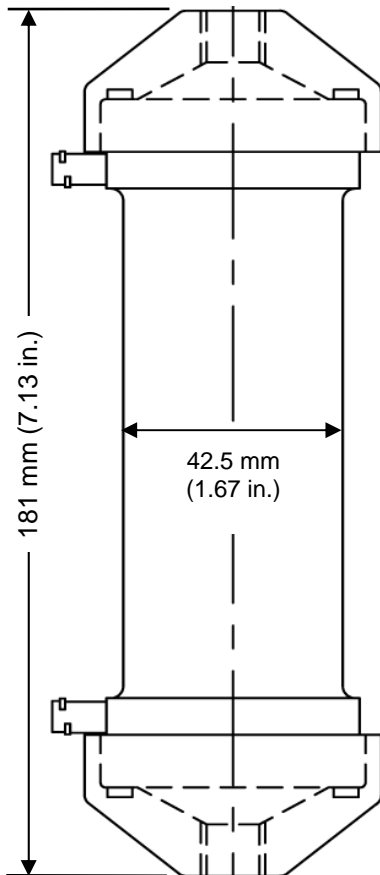


1.7 x 5.5 MiniModule® PRODUCT DATA SHEET



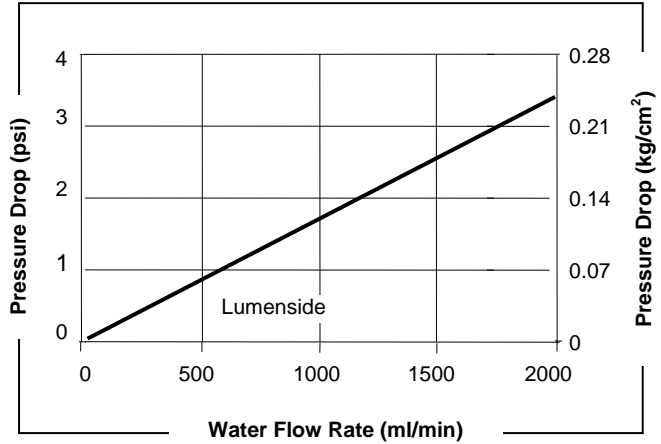
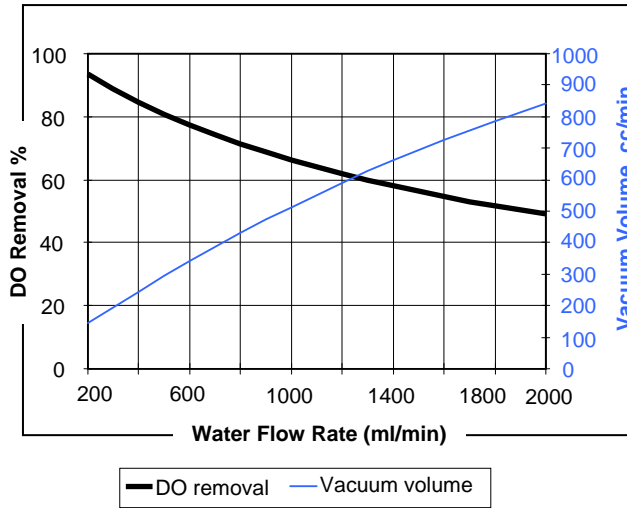
FNPT Connections

Note: All dimensions are nominal values.

Contactor Characteristics	
	1.7 x 5.5
Cartridge Configuration	Parallel Flow. Lumenside Liquid Flow.
Liquid Side Flow Guidelines	<2500 ml/min (0.66 gpm)
Membrane	X50 Fiber
Porosity	40% Porosity
OD / ID	300µm OD/220µm ID
Potting Material	Polyurethane
Active Surface Area	ID: 0.58 m ² (6.24 ft ²)
Number of Fibers	7400
Maximum Temperature/Pressure	4.2 kg/cm ² (4.1 bar, 60 psig) at 25°C (77°F) 45°C (113°F) at 3.2 kg/cm ² (3.1 bar, 45 psig)
Priming Volume (approximate)	Lumenside 53 ml Shellside 78 ml
Housing Characteristics	
Material	Polycarbonate
Flange Connections	
Shellside (Gas / Vacuum)	Standard Female Luer Lock <i>Supplied with two ¼ inch Hosebarb adaptors which mate to ¼ inch ID tubing</i>
Lumenside (Wetted Surface)	1/4 inch FNPT
Seal Options	
Material	Applications
EPDM (ANSI / NSF61, FDA CFR Title Compliant)	General Purpose
Weight	
Dry	0.19 kg (0.43 lbs.)
Liquid Full (Lumenside)	0.26 kg (0.57 lbs.)
Shipping Weight	0.34 kg (0.75 lbs.)

All components of the MiniModule® Membrane Contactor, when used in accordance with recommendations given in our product literature for treatment or processing of water, non-alcoholic beverages, and aqueous, acid and non-acid food products at and below ambient temperatures, are in compliance with all relevant FDA regulations as specified in Title 21 of the Code of Federal Regulations.

1.7 x 5.5 MiniModule® PRODUCT DATA SHEET



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

Contactor Specifications		
Characteristics	Test Conditions	Specifications
Performance O2 Removal	Lumenside water flow: 1000 ml/min, 20°C	60% minimum
Pressure Drop	Lumenside water flow: 1000 ml/min, 20°C	3.0 psi maximum

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Membrana - Charlotte
A Division of Celgard LLC
13800 South Lakes Drive
Charlotte, North Carolina 28273
USA
Phone: (704) 587 8888
Fax: (704) 587 8610

Membrana GmbH
Oehder Strasse 28
42289 Wuppertal
Germany
Phone: +49 202 6099 - 658
Phone: +49 6126 2260 - 41
Fax: +49 202 6099 - 750

Japan Office
Shinjuku Mitsui Building, 27F
1-1, Nishishinjuku 2-chome
Shinjuku-ku, Tokyo 163-0427
Japan
Phone: 81 3 5324 3361
Fax: 81 3 5324 3369

MEMBRANA
A POLYPORE COMPANY
www.liqui-cel.com