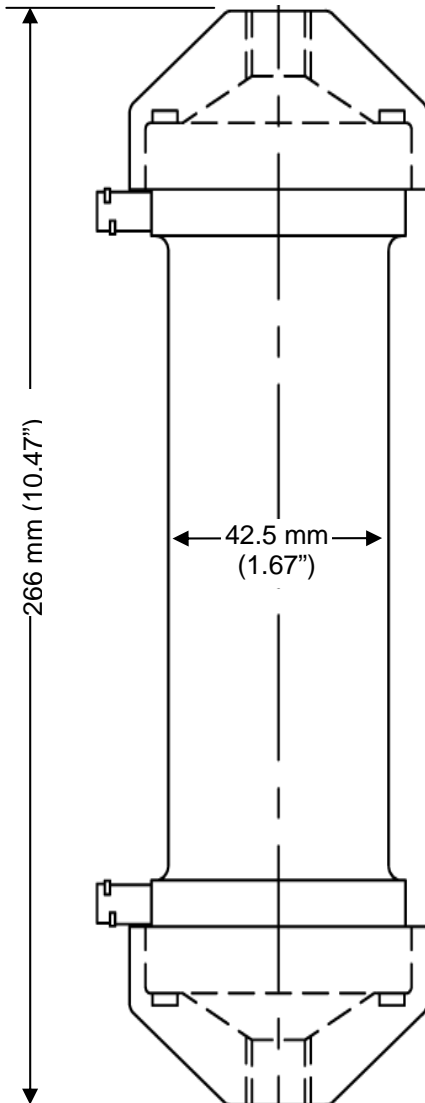


1.7 x 8.75 MiniModule® PRODUCT DATA SHEET

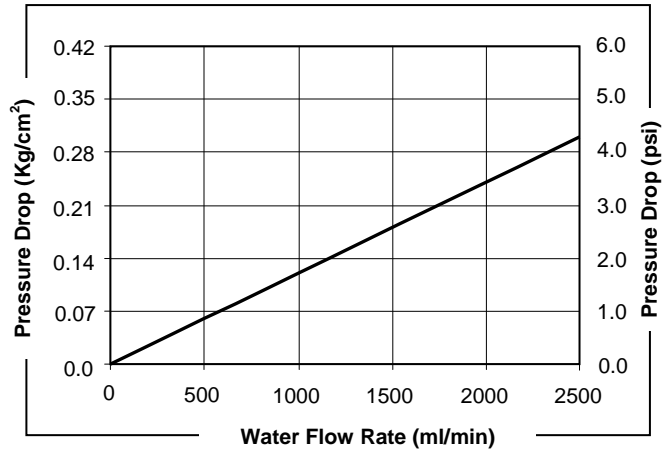
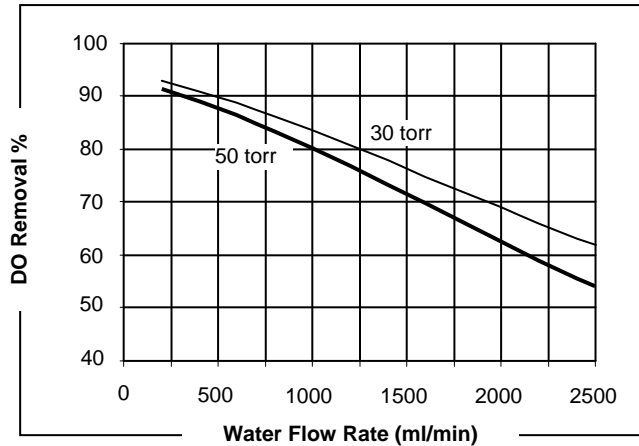


Note: All dimensions are nominal values.

Contactor Characteristics	
	1.7 x 8.75
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: 1.0m ² (10.7 ft ²) OD: 1.4m ² (15.0 ft ²)
Number of Fibers	7400
Maximum Temperature/Pressure	4.2 kg/cm ² (4.1 bar, 60 psig) at 25°C (77°F) 3.2 kg/cm ² (3.1 bar, 45 psig) at 45°C (113°F)
Priming Volume (ID)	Lumenside 73 ml Shellside 132 ml
Housing Characteristics	
Material	Polycarbonate
Flange Connections	
Shellside (Gas / Vacuum)	Standard Female Luer Lock <i>Supplied with two 1/8 inch Hosebarb adaptors which mate to 1/4 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 (with adapters)	
Dry	0.22 kg (0.48 lbs.)
Liquid Full (Lumenside)	0.29 kg (0.64 lbs.)
Shipping Weight	0.40 kg (0.88 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.

1.75 x 8.75 MiniModule® PRODUCT DATA SHEET



Curves represent nominal values, generated using deionized water on the Lumenside at 20°C.

DO removal curves generated with vacuum drawn on both Shellside ports.

Characteristics may change under different operating conditions.

This product is to be used only by persons familiar with its use. It must be maintained within the stated limitations. All sales are subject to Seller's terms and conditions. Purchaser assumes all responsibility for the suitability and fitness for use as well as for the protection of the environment and for health and safety involving this product. Seller reserves the right to modify this document without prior notice. Check with your representative to verify the latest update. To the best of our knowledge the information contained herein is accurate. However, neither Seller nor any of its affiliates assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any material and whether there is any infringement of patents, trademarks, or copyrights is the sole responsibility of the user. Users of any substance should satisfy themselves by independent investigation that the material can be used safely. We may have described certain hazards, but we cannot guarantee that these are the only hazards that exist.

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