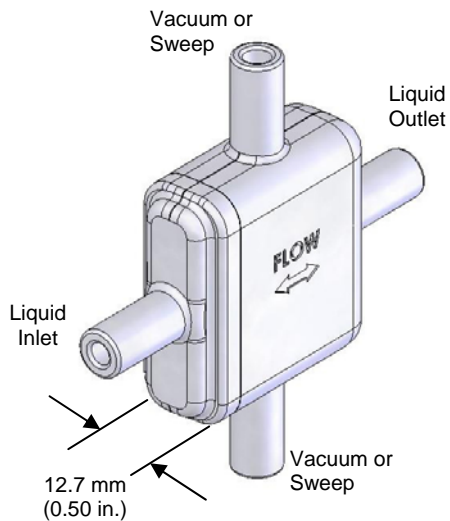
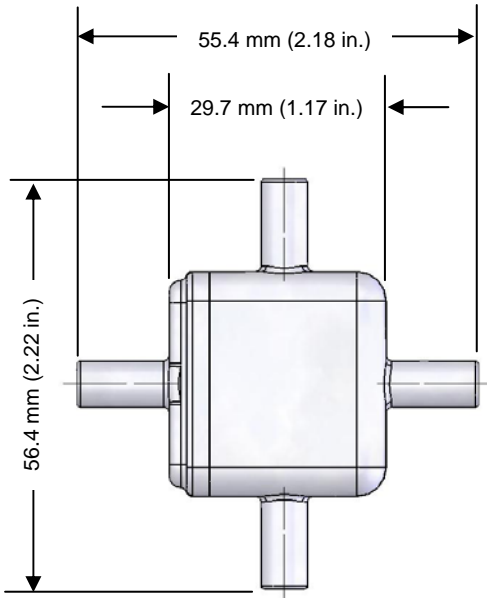


## 0.5 x 1 MICROMODULE<sup>®</sup> PRODUCT DATA SHEET

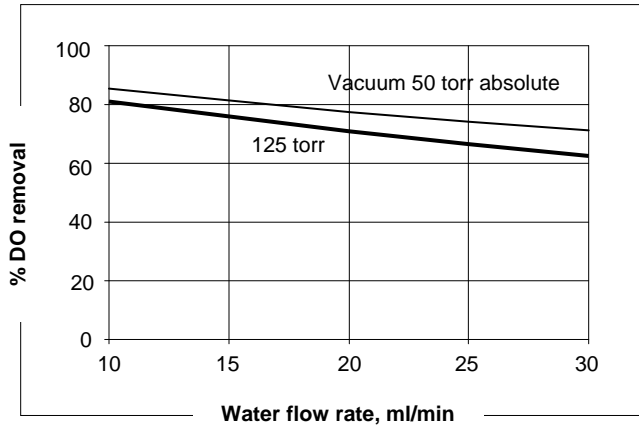


<b>Cartridge Characteristics</b>	
<b>Cartridge Configuration</b>	No Baffle Membrane Array Design
<b>Liquid Flow Guidelines</b> <i>(one cartridge)</i>	5 - 30 ml/min
<b>Membrane/Potting Material</b>	Polypropylene / Epoxy
<b>Typical Membrane Surface Area</b>	100 cm <sup>2</sup> (0.11 ft <sup>2</sup> )
<b>Maximum Working Temperature/Pressure</b> <i>(Using 50 mm vacuum on lumenside)</i>	25°C, 3.2 kg/cm <sup>2</sup> (3.1 bar) (77°F, 45 psig) 40°C, 1.05 kg/cm <sup>2</sup> (1.03 bar) (104°F, 15 psig)
<b>Priming Volume (approximate)</b>	
Shellside	2.7 ml
<b>Housing Characteristics</b>	
<b>Material</b>	Polycarbonate
<b>Connections</b>	
Shellside (Liquid Inlet/Outlet)	1/4 inch Straight Tube
Lumenside (vacuum)	1/4 inch Straight Tube
<b>Weight</b>	
<b>Dry</b>	10 grams (0.022 lbs.)

NOTE: All dimensions are nominal values

Patent Pending

## 0.5 x 1 MICROMODULE® PRODUCT DATA



Curves represent nominal values generated using water on the shellside and vacuum on the lumenside at 20°C. Characteristics may change under different operating conditions.

### Pressure Drop:

In all flow rates up to 30 ml/min, the pressure drop is < 0.2 psi.

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