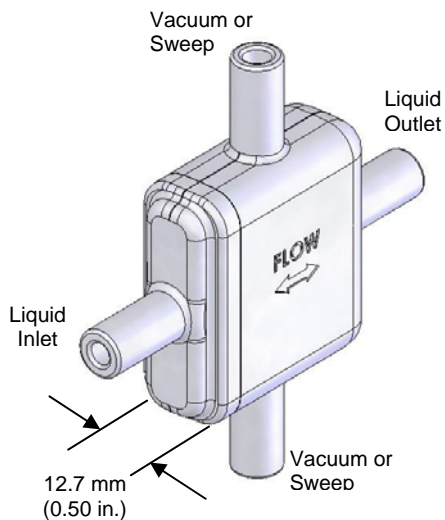
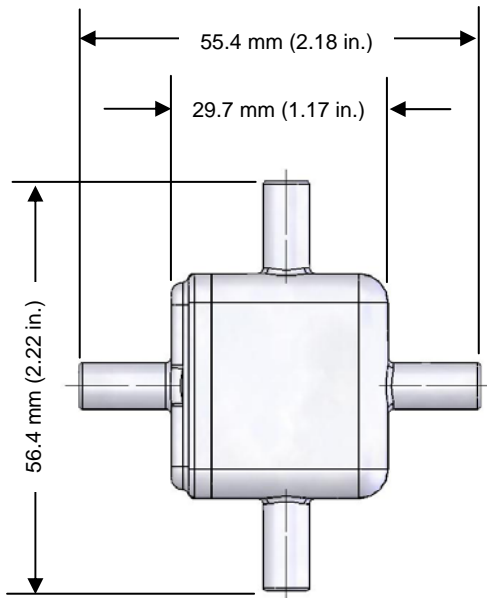


0.5 x 1 MICROMODULE[®] PRODUCT DATA SHEET

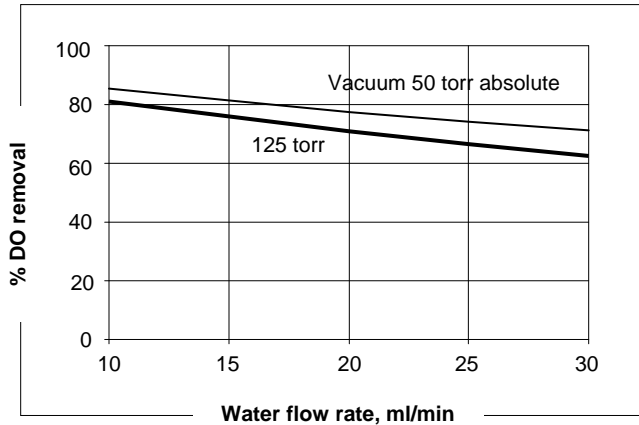


| Cartridge Characteristics | |
|---|---|
| Cartridge Configuration | No Baffle Membrane Array Design |
| Liquid Flow Guidelines <i>(one cartridge)</i> | 5 - 30 ml/min |
| Membrane/Potting Material | Polypropylene / Epoxy |
| Typical Membrane Surface Area | 100 cm ² (0.11 ft ²) |
| Maximum Working Temperature/Pressure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

NOTE: All dimensions are nominal values

Patent Pending

MicroModule®



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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