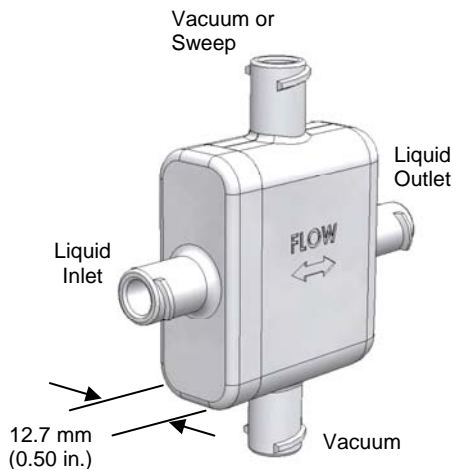
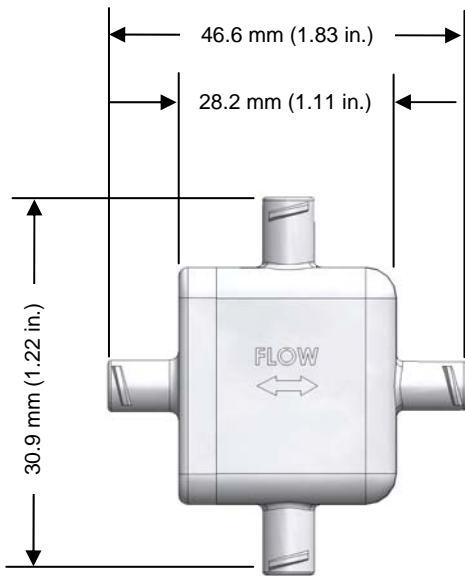


0.5 x 1 FLAT SuperPhobic MicroModule[®] PRODUCT DATA SHEET

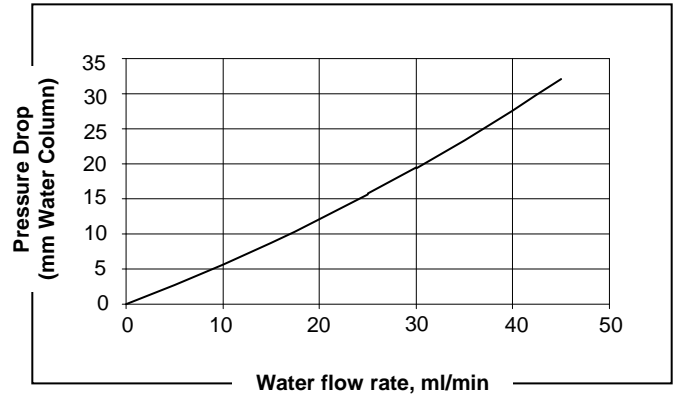
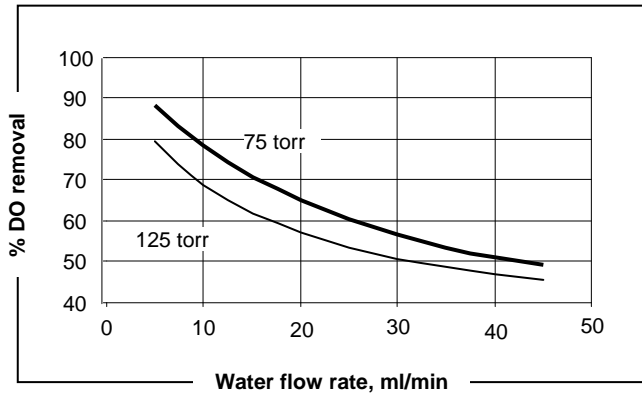


| Cartridge Characteristics | |
|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Cartridge Configuration | No Baffle Membrane Array Design |
| Liquid Flow Guidelines (one cartridge) | 5 - 30 ml/min Liquid must flow on the shellside |
| Membrane/Potting Material | Polyolefin / Epoxy |
| Typical Membrane Surface Area | 100 cm ² (0.11 ft ²) |
| Maximum Working Temperature/Pressure (Using 50 mm vacuum on lumenside) | 20°C, 3.2 kg/cm ² (3.1 bar) (68°F, 45 psig) 45°C, 1.8 kg/cm ² (1.7 bar) (113°F, 25 psig) |
| Priming Volume (approximate) | |
| Shellside | 3.0 ml |
| Housing Characteristics | |
| Material | Black Polyethylene |
| Connections | |
| Shellside (Liquid Inlet/Outlet) | Female Luer Lock |
| Lumenside (vacuum) | Female Luer Lock |
| Weight | |
| Dry | 10.0 grams (0.02 lbs.) |

NOTE: All dimensions are nominal values

Patent Pending

0.5 x 1 FLAT SuperPhobic MicroModule® PRODUCT DATA SHEET



Curves represent nominal values generated using water on the shellside and vacuum on the lumenside at 25°C.

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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