



Module Characteristics

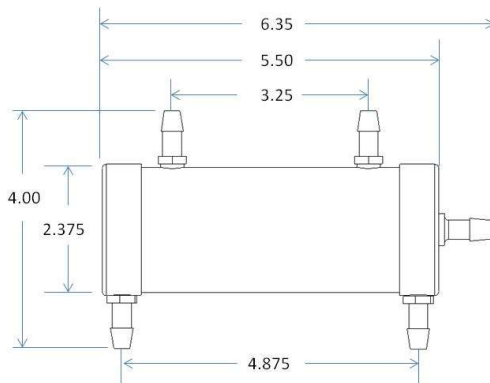
Membrane Material Membrane Type		PDMS (Silicone) Dense Hollow Fiber
Fiber ID	µm (in)	190 (0.00748)
Fiber OD	µm (in)	300 (0.0118)
Fiber Wall Thickness	µm (in)	55 (0.0022)
Fiber Count	#	12,600
Membrane Area ¹	m ² (ft ²)	1.0 (10.8)
Module Length	cm (in)	14 (5.5)
Module Diameter	cm (in)	6.0 (2.375)
Fittings / Connection Size	in	Barbed 1/4
Shell / End Caps		Polycarbonate
Fittings Material		Polycarbonate
Potting Material		Polyurethane
Other Materials of Construction ²		Polypropylene, Acrylic

Operating Conditions

Max Continuous Operating Temperature	°C (°F)	60 (140)
Max Shell Side Pressure	bar (psig)	1 (15) @ 77°F
Max Lumen Pressure	bar (psig)	2 (30) @ 77°F
Max TMP ³ Shell to Lumen	bar (psi)	1 (15) @ 77°F
Max TMP ³ Lumen to Shell	bar (psi)	3 (45) @ 77°F
Typical Liquid Flow Rate	l/min (gpm)	0.5 - 6 (0.125 - 1.6)
Sweep Flow Rate (no Vacuum)	scfm (slm)	0.1 - 0.5 (3 - 15)
Sweep Flow Rate with Vacuum	scfm (slm)	0.02 - 0.1 (0.6 - 3)
Typical Gas Flow Rate	scfm (slm)	0.02 - 1.0 (0.6 - 30)

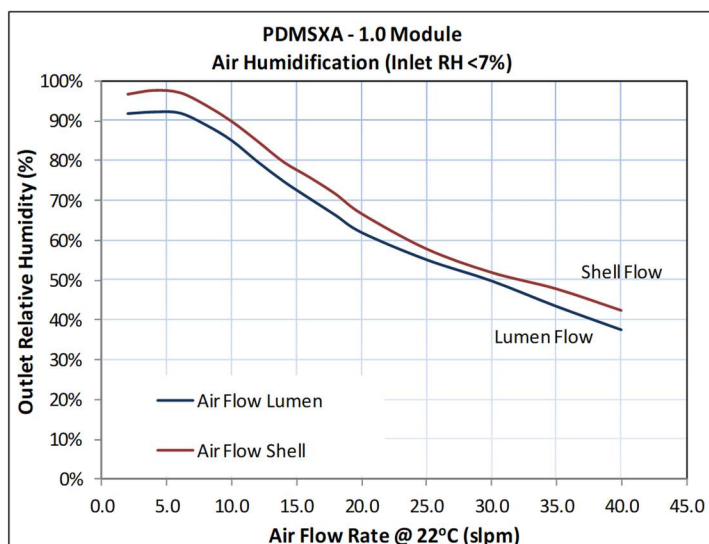
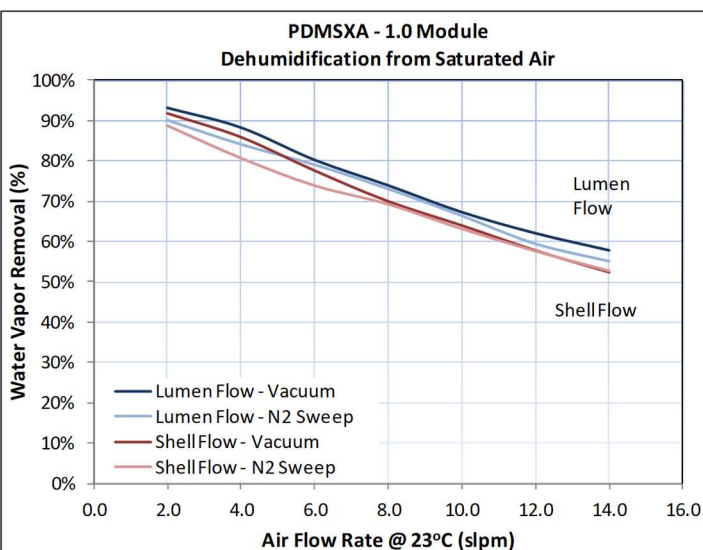
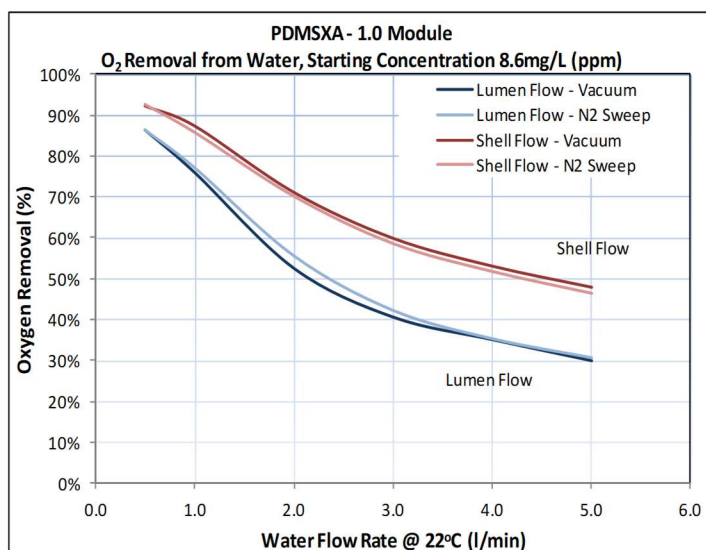
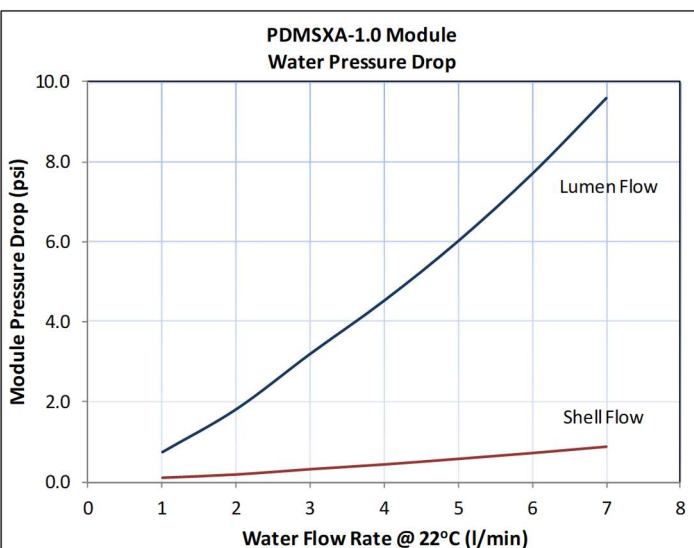
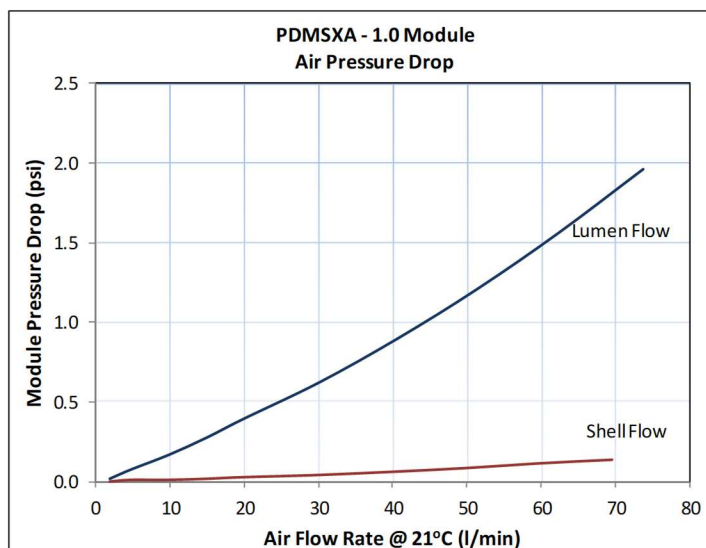
Volume / Weight

Lumen Side Priming Volume	ml	80
Shell Side Priming Volume	ml	100
Dry Weight	lbs (g)	0.49 (220)
Wet Weight - Shell Side Filled	lbs (g)	0.73 (330)
Shipping Weight	lbs (g)	0.55 (250)



Note: All dimensions in inches

- 1- Based on fiber OD
- 2- Traces of PVOH (polyvinyl alcohol) possible in lumens
- 3- TMP (Trans-Membrane Pressure)





WARNING

MEMBRANE MODULES CAN DEVELOP LEAKS UNDER NORMAL OPERATING CONDITIONS. MEDARRAY CANNOT GUARANTEE, AND DOES NOT REPRESENT THAT MEMBRANE MODULES WILL NOT DEVELOP LEAKS.

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