



Module Characteristics

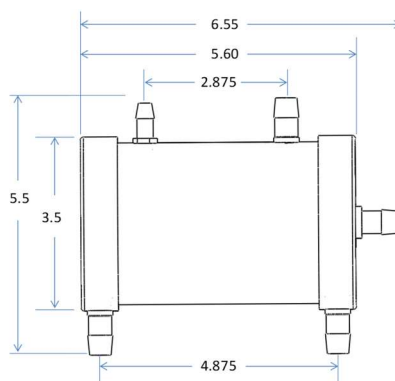
Membrane Material		PDMS (Silicone)
Membrane Type		Dense Hollow Fiber
Fiber ID	µm (in)	190 (0.00748)
Fiber OD	µm (in)	300 (0.0118)
Fiber Wall Thickness	µm (in)	55 (0.0022)
Fiber Count	#	30000
Membrane Area ¹	m ² (ft ²)	2.1 (22.6)
Module Length	cm (in)	14.2 (5.6)
Module Diameter	cm (in)	8.9 (3.5)
Fittings / Connection Size	in	¼" and 3/8" barbed (shell side) 3/8" barb – ¼" NPT adaptor (tube side)
Shell & End Caps		Polycarbonate
Fittings Material		Polypropylene
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)	2.75 - 19 (0.75 - 5)
Sweep Flow Rate (no Vacuum)	scfm (slpm)	0.2 - 1 (5 - 30)
Sweep Flow Rate with Vacuum	scfm (slpm)	0.04 - 0.2 (1 - 6)
Typical Gas Flow Rate	scfm (slpm)	0.04 - 2.0 (1 - 60)

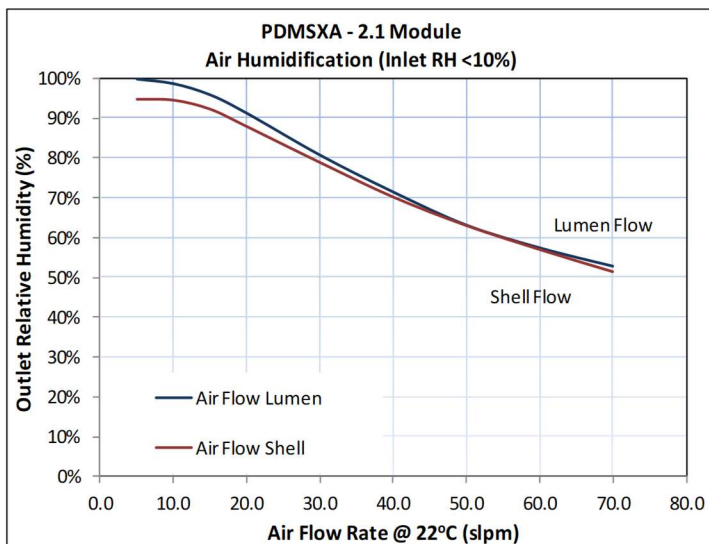
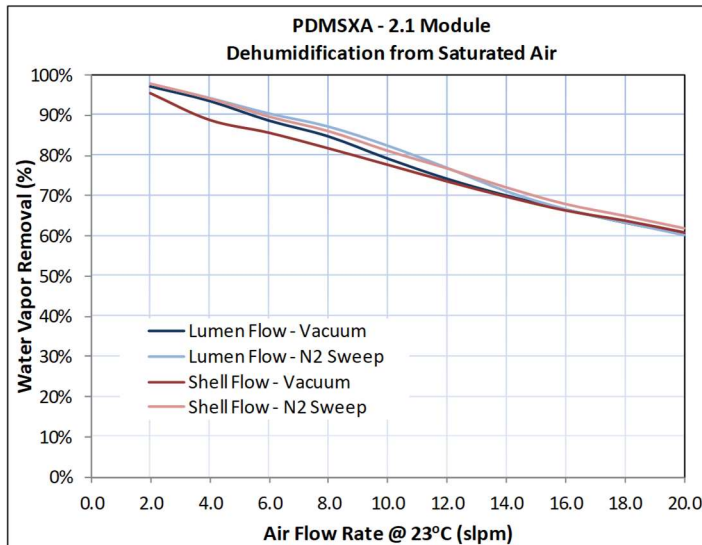
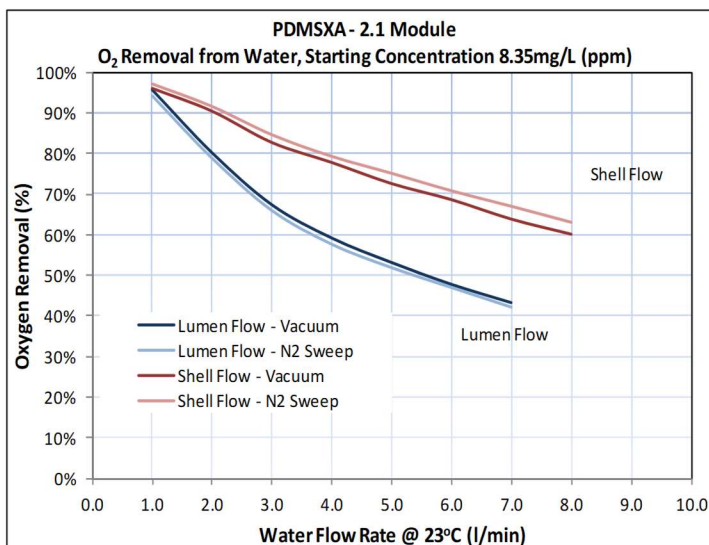
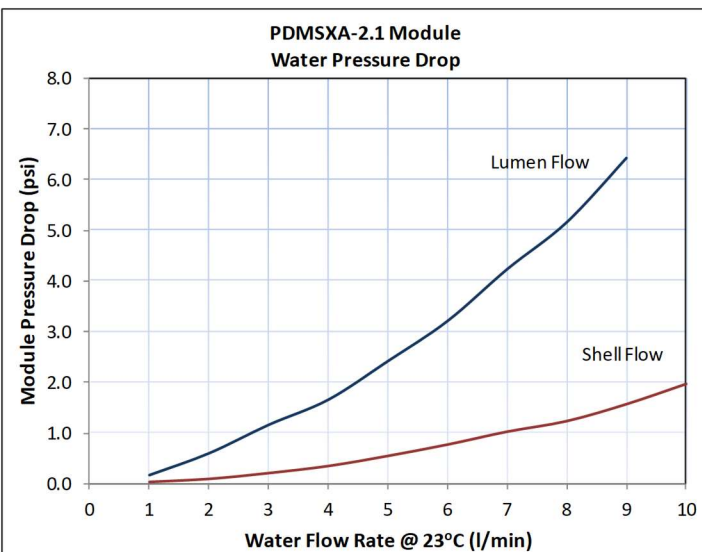
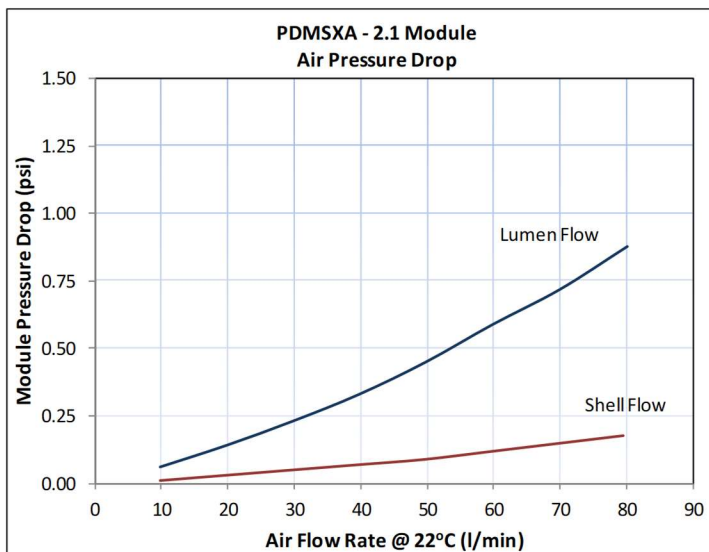
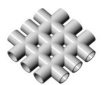
Volume / Weight

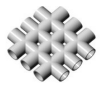
Lumen Side Priming Volume	ml	205
Shell Side Priming Volume	ml	190
Dry Weight	lbs (g)	1.05 (475)
Wet Weight - Shell Side Filled	lbs (g)	1.44 (655)
Shipping Weight	lbs (g)	1.25 (567)



Note: All dimensions in inches

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