

Module Characteristics

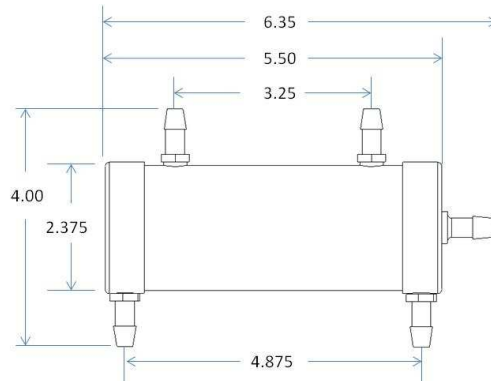
Membrane Material		PDMS (Silicone)
Membrane Type		Dense Hollow Fiber
Fiber ID	μm (in)	190 (0.00748)
Fiber OD	μm (in)	300 (0.0118)
Fiber Wall Thickness	μm (in)	55 (0.0022)
Fiber Count	#	12,600
Membrane Area¹	m² (ft²)	1.0 (10.8)
Module Length	cm (in)	14 (5.5)
Module Diameter	cm (in)	6.0 (2.375)
Fittings / Connection Size	in	Barbed 1/4
Shell / End Caps		Polycarbonate
Fittings Material		Polycarbonate
Potting Material		Polyurethane
Other Materials of Construction²		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 TMP³ Shell to Lumen	bar (psi)	1 (15) @ 77°F
Max TMP³ 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)

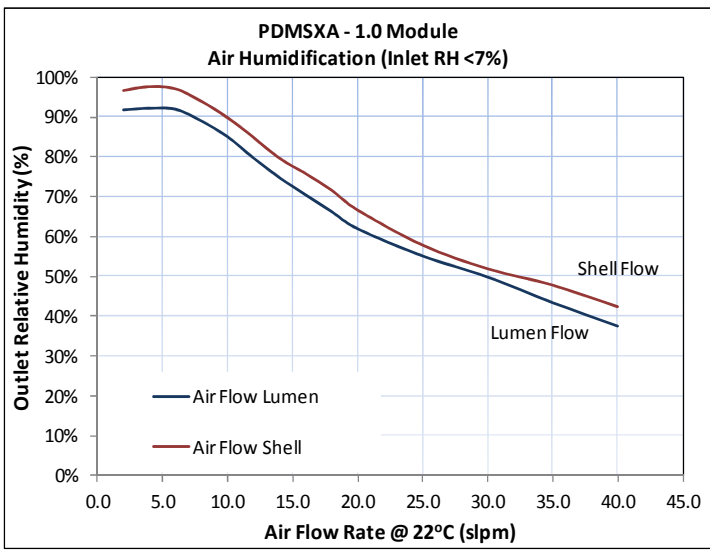
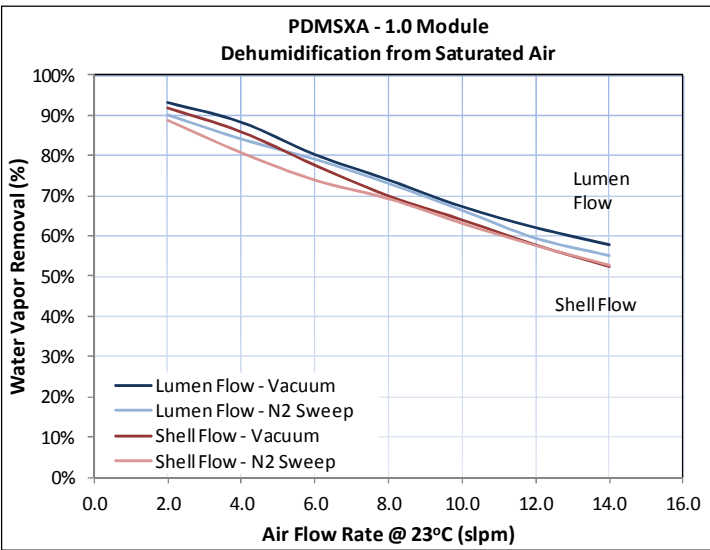
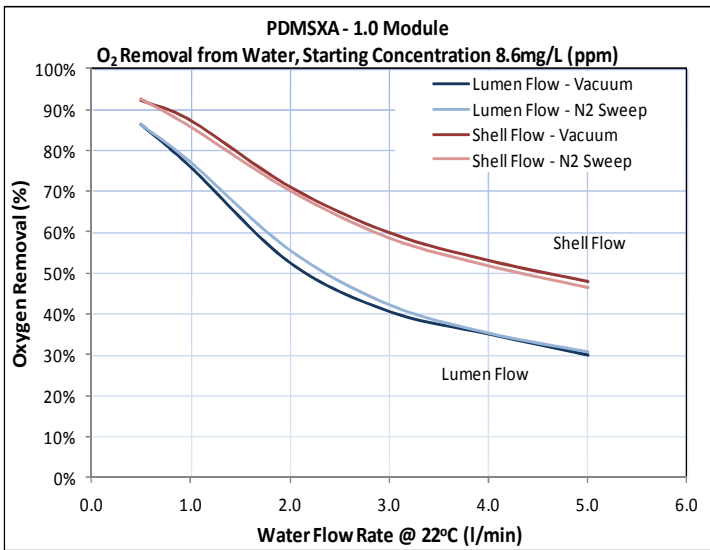
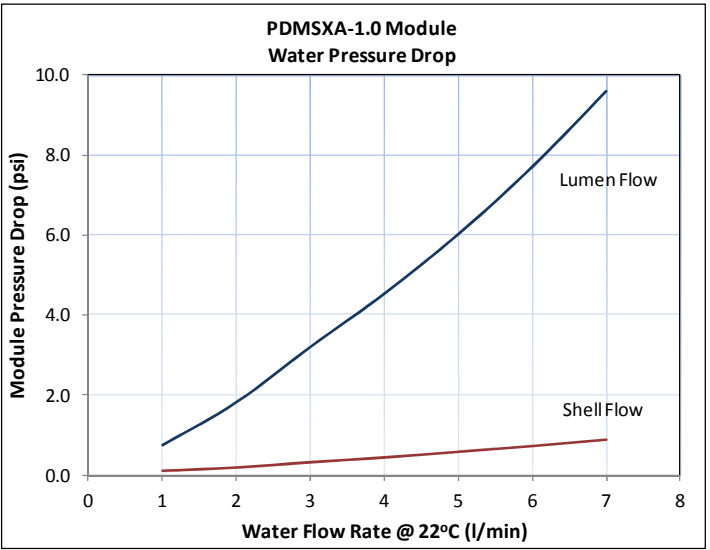
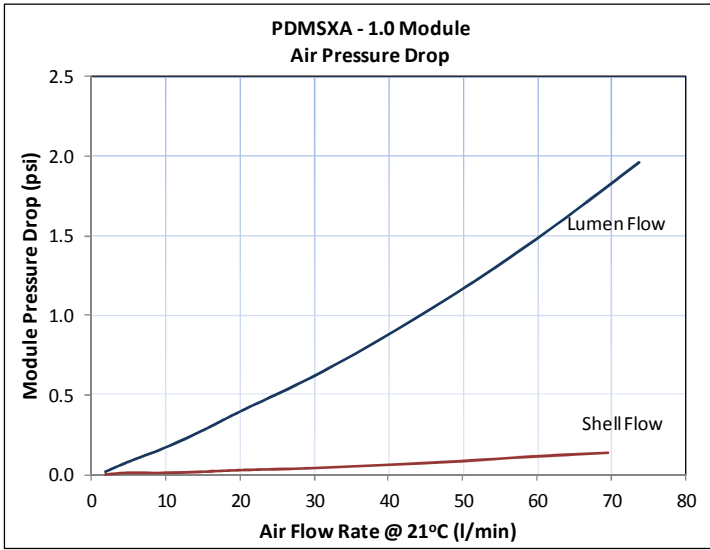
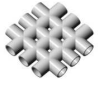
Volume / Weight

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)



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