

**Module Characteristics**

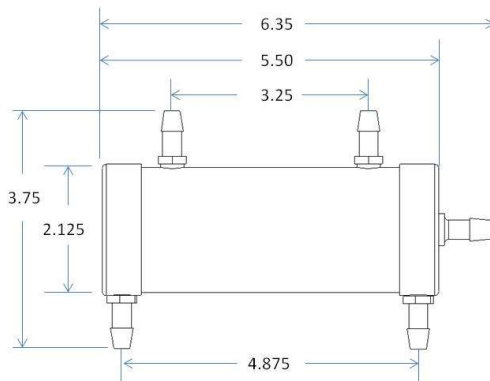
Membrane Material Membrane Type		PDMS (Silicone) Dense Hollow Fiber
Fiber ID	µm (in)	190 (0.00748)
Fiber OD	µm (in)	300 (0.0118)
Fiber Wall Thickness	µm (in)	55 (0.0022)
Fiber Count	#	9600
Membrane Area ¹	cm ² (ft ²)	7500 (8.1)
Module Length	cm (in)	14 (5.5)
Module Diameter	cm (in)	5.4 (2.125)
Fittings / 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)	3 (45) @ 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 (slpm)	0.1 - 0.5 (3 - 15)
Sweep Flow Rate with Vacuum	scfm (slpm)	0.02 - 0.1 (0.6 - 3)
Typical Gas Flow Rate	scfm (slpm)	0.02 - 1.0 (0.6 - 30)

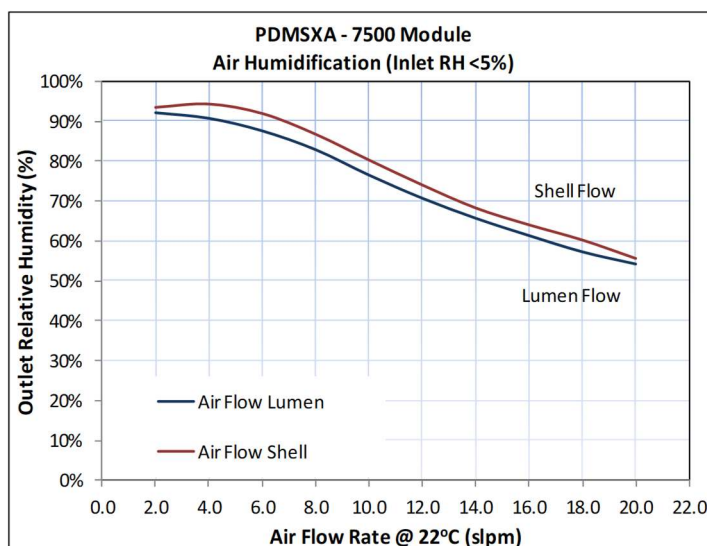
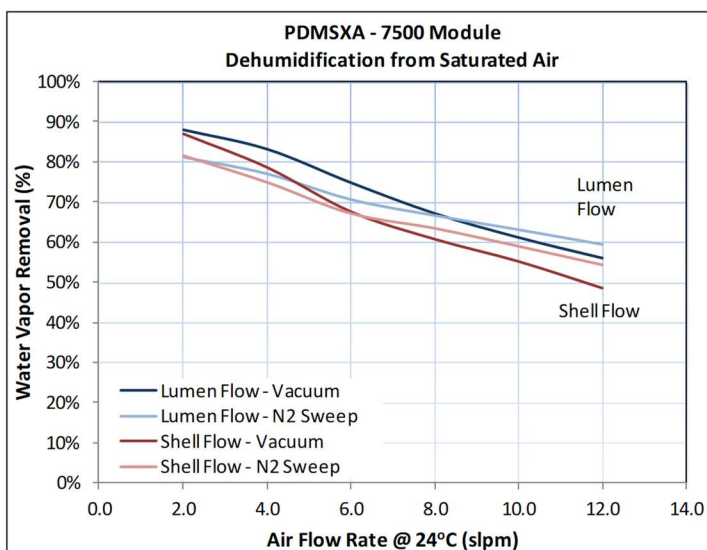
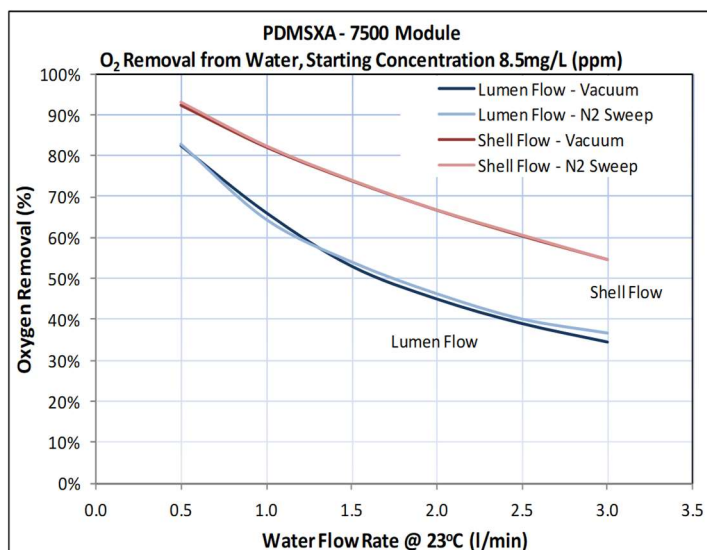
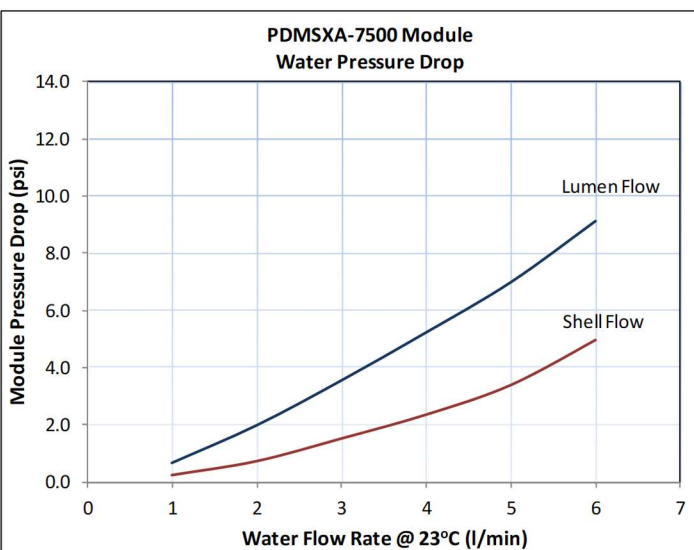
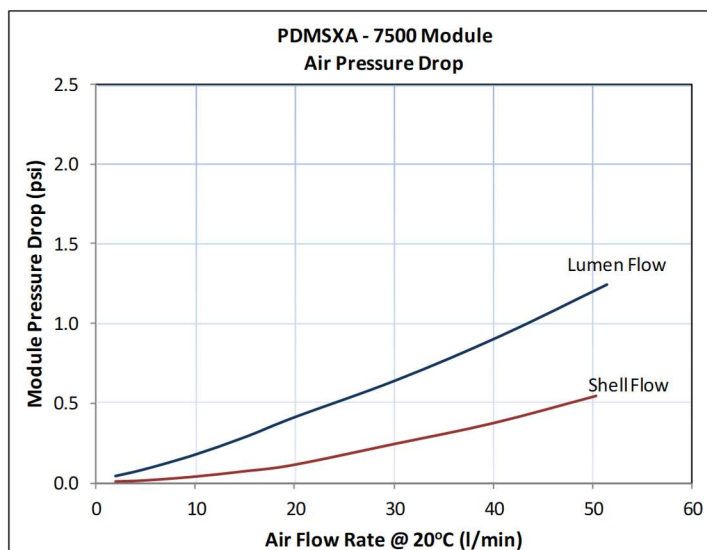
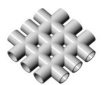
Volume / Weight

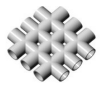
Lumen Side Priming Volume	ml	55
Shell Side Priming Volume	ml	65
Dry Weight	lbs (g)	0.40 (180)
Wet Weight - Shell Side Filled	lbs (g)	0.55 (250)
Shipping Weight	lbs (g)	0.44 (200)



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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