

**Module Characteristics**

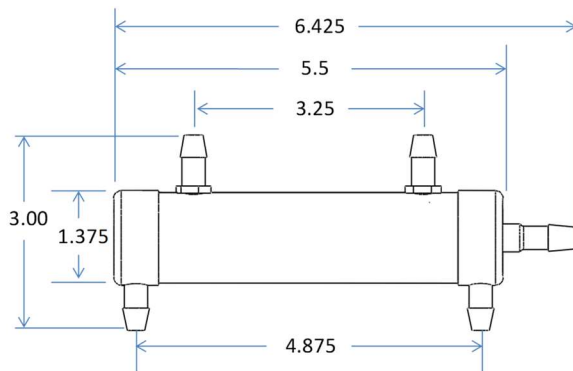
Membrane Material Membrane Type		PDMS ( Silicone ) Dense Hollow Fiber
Fiber ID	µm (in)	190 ( 0.00748 )
Fiber OD	µm (in)	300 ( 0.0118 )
Fiber Wall Thickness	µm (in)	55 (0.0022)
Fiber Count	#	3200
Membrane Area <sup>1</sup>	cm <sup>2</sup> (ft <sup>2</sup> )	2500 ( 2.69 )
Module Length	cm (in)	14 ( 5.5 )
Module Diameter	cm (in)	3.5 ( 1.375 )
Fittings / Connection Size	in	Barbed 1/4
Shell / End Caps		Polycarbonate
Fittings Material		Polycarbonate
Potting Material		Polyurethane
Other Materials of Construction <sup>2</sup>		Polypropylene, Acrylic

**Operating Conditions**

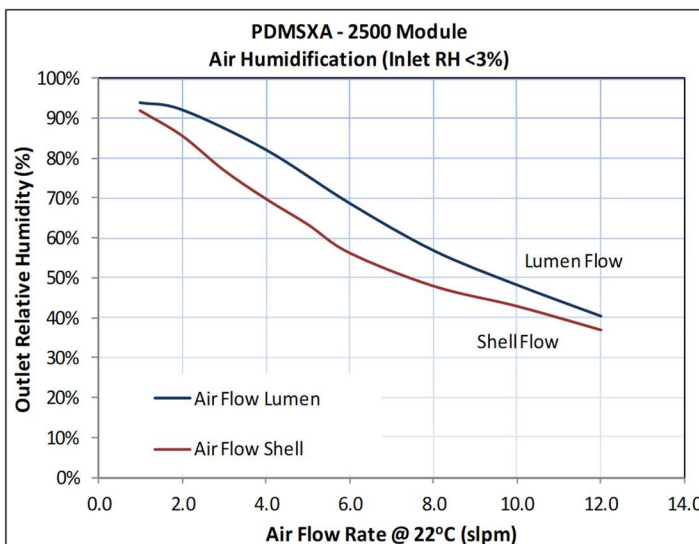
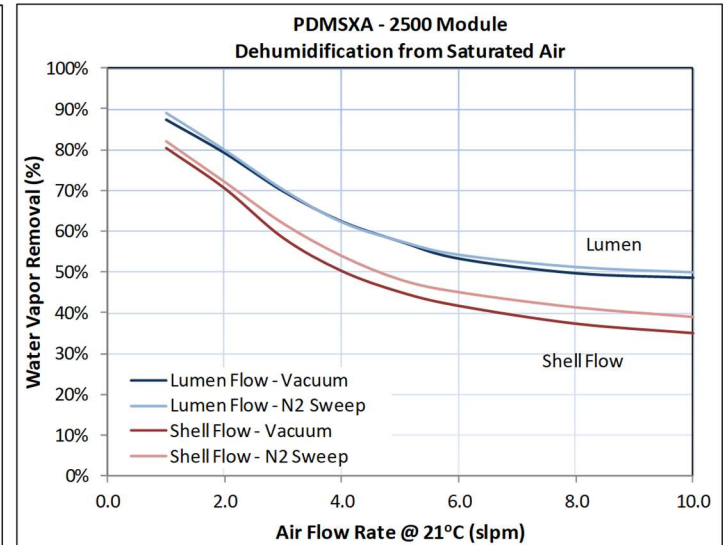
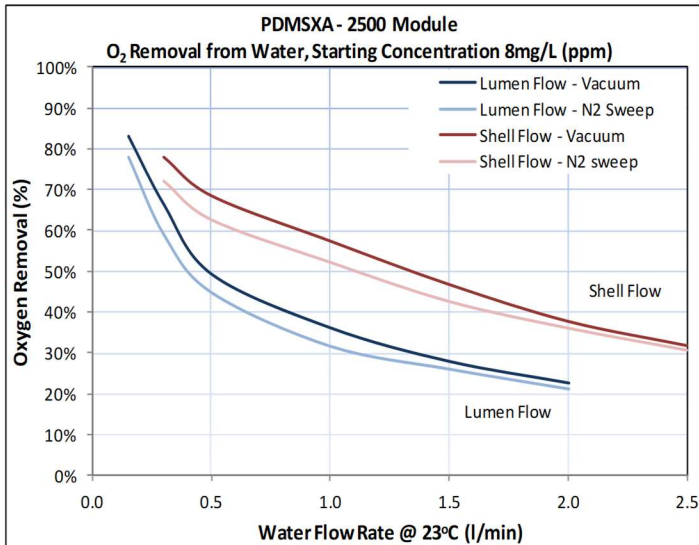
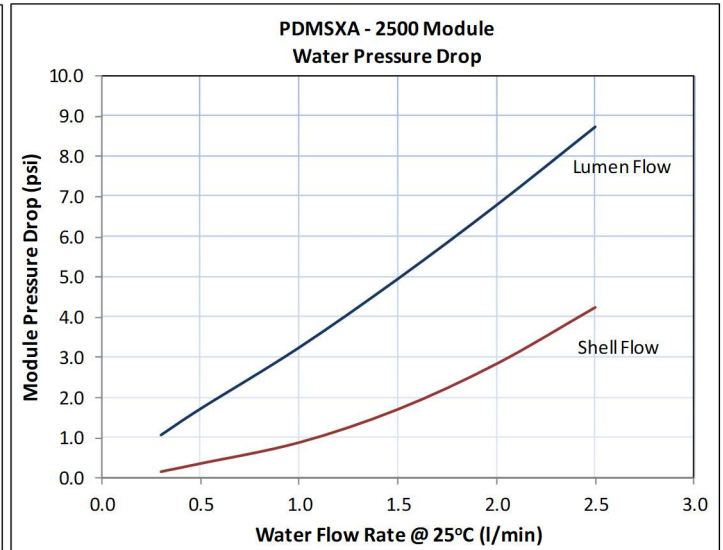
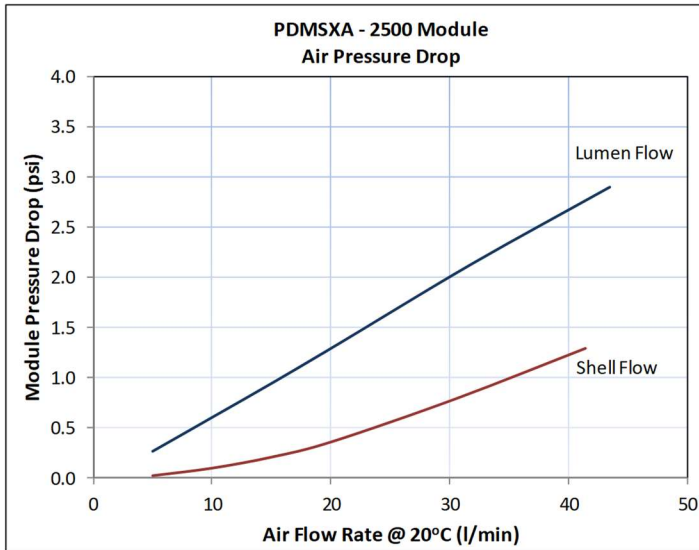
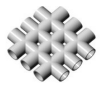
Max Continuous Operating Temperature	°C (°F)	60 ( 140 )
Max Shell Side Pressure	bar (psig)	1 ( 15 ) @ 77°F
Max Lumen Pressure	bar (psig)	3 ( 45 ) @ 77°F
Max TMP <sup>3</sup> Shell to Lumen	bar (psi)	1 ( 15 ) @ 77°F
Max TMP <sup>3</sup> Lumen to Shell	bar (psi)	3 ( 45 ) @ 77°F
Typical Liquid Flow Rate	l/min (gpm)	0.2 - 1.9 ( 0.05 - 0.5 )
Sweep Flow Rate (no Vacuum)	scfm (slpm)	0.02 - 0.2 ( 0.5 - 6 )
Sweep Flow Rate with Vacuum	scfm (slpm)	0.004 - 0.04 ( 0.1 - 1.2 )
Typical Gas Flow Rate	scfm (slpm)	0.004 - 0.4 ( 0.1 - 12 )

**Volume / Weight**

Lumen Side Priming Volume	ml	21
Shell Side Priming Volume	ml	26
Dry Weight	lbs (g)	0.19 ( 86 )
Wet Weight - Shell Side Filled	lbs (g)	0.25 ( 112 )
Shipping Weight	lbs (g)	0.23 ( 105 )



- 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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PDMSXA-2500\_04-25