

**Module Characteristics**

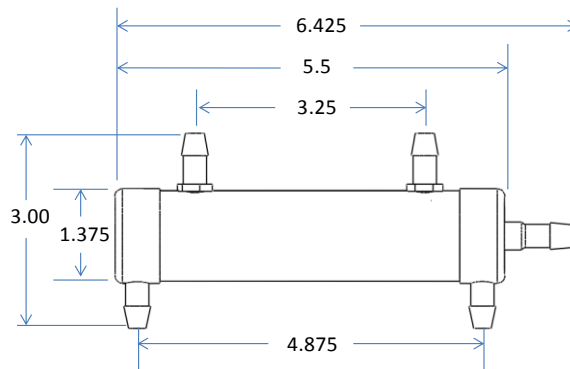
<b>Membrane Material</b>		<b>PDMS ( Silicone )</b>
<b>Membrane Type</b>		<b>Dense Hollow Fiber</b>
<b>Fiber ID</b>	mm (in)	<b>190 ( 0.00748 )</b>
<b>Fiber OD</b>	mm (in)	<b>300 ( 0.0118 )</b>
<b>Fiber Wall Thickness</b>	mm (in)	<b>55 ( 0.0022 )</b>
<b>Fiber Count</b>	#	<b>3200</b>
<b>Membrane Area<sup>1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

**Operating Conditions**

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

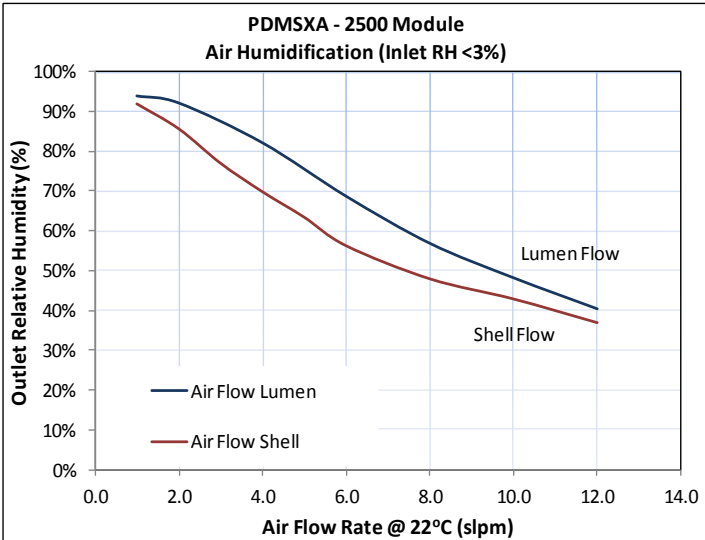
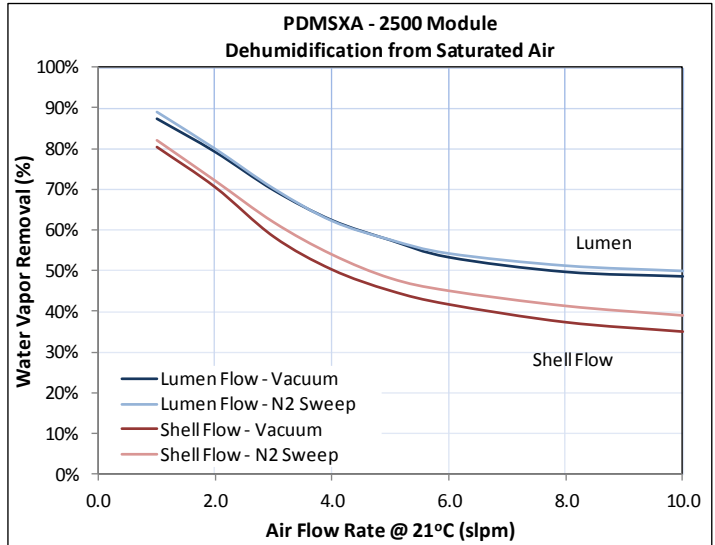
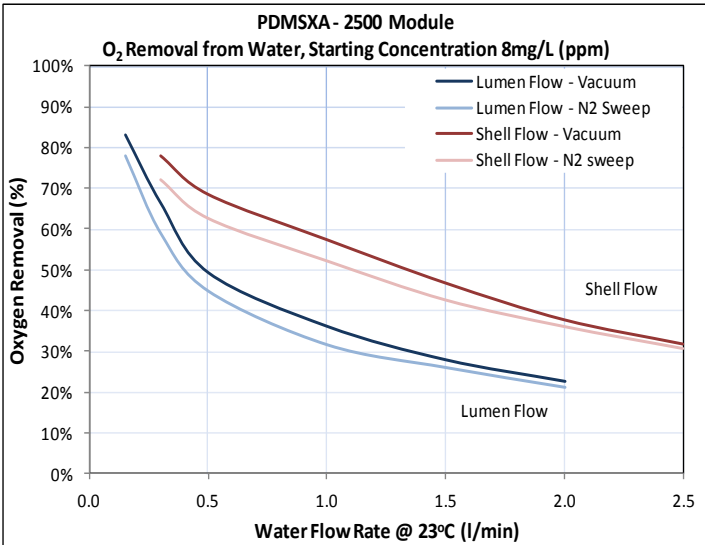
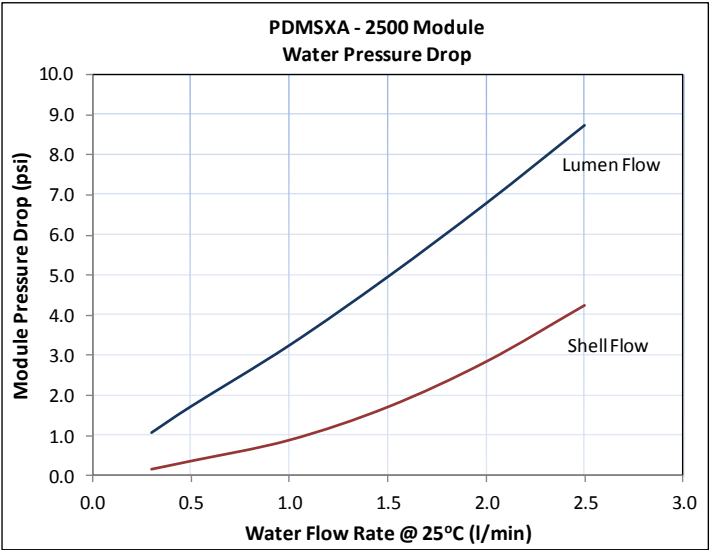
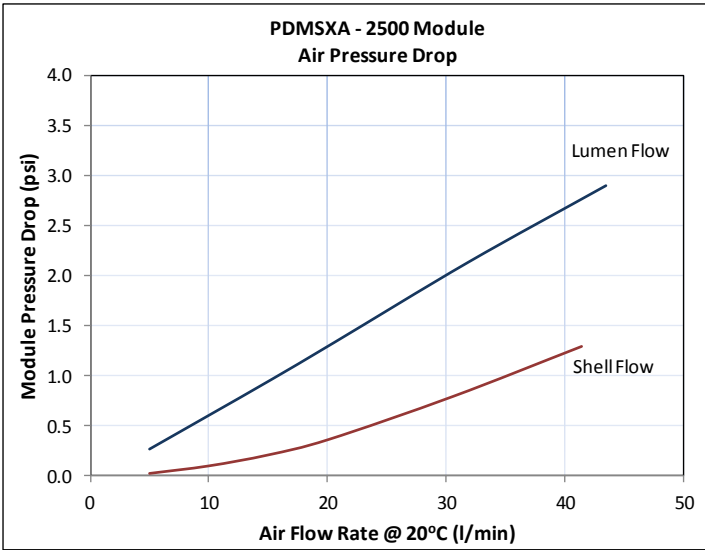
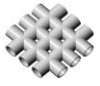
**Volume / Weight**

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



Note: All dimensions in inches

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



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