



**Module Characteristics**

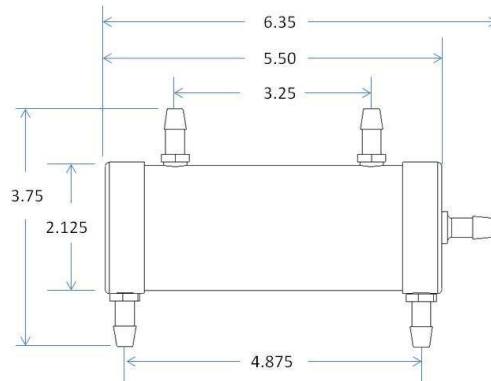
<b>Membrane Material</b>		<b>PDMS ( Silicone )</b>
<b>Membrane Type</b>		<b>Dense Hollow Fiber</b>
<b>Fiber ID</b>	$\mu\text{m}$ (in)	<b>190 ( 0.00748 )</b>
<b>Fiber OD</b>	$\mu\text{m}$ (in)	<b>300 ( 0.0118 )</b>
<b>Fiber Wall Thickness</b>	$\mu\text{m}$ (in)	<b>55 (0.0022)</b>
<b>Fiber Count</b>	#	<b>9600</b>
<b>Membrane Area<sup>1</sup></b>	cm <sup>2</sup> (ft <sup>2</sup> )	<b>7500 ( 8.1 )</b>
<b>Module Length</b>	cm (in)	<b>14 ( 5.5 )</b>
<b>Module Diameter</b>	cm (in)	<b>5.4 ( 2.125 )</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>	$^{\circ}\text{C}$ ( $^{\circ}\text{F}$ )	<b>60 ( 140 )</b>
<b>Max Shell Side Pressure</b>	bar (psig)	<b>1 ( 15 ) @ 77<math>^{\circ}\text{F}</math></b>
<b>Max Lumen Pressure</b>	bar (psig)	<b>3 ( 45 ) @ 77<math>^{\circ}\text{F}</math></b>
<b>Max TMP<sup>3</sup> Shell to Lumen</b>	bar (psi)	<b>1 ( 15 ) @ 77<math>^{\circ}\text{F}</math></b>
<b>Max TMP<sup>3</sup> Lumen to Shell</b>	bar (psi)	<b>3 ( 45 ) @ 77<math>^{\circ}\text{F}</math></b>
<b>Typical Liquid Flow Rate</b>	l/min (gpm)	<b>0.5 - 6 ( 0.125 - 1.6 )</b>
<b>Sweep Flow Rate (no Vacuum)</b>	scfm (slpm)	<b>0.1 - 0.5 ( 3 - 15 )</b>
<b>Sweep Flow Rate with Vacuum</b>	scfm (slpm)	<b>0.02 - 0.1 ( 0.6 - 3 )</b>
<b>Typical Gas Flow Rate</b>	scfm (slpm)	<b>0.02 - 1.0 ( 0.6 - 30 )</b>

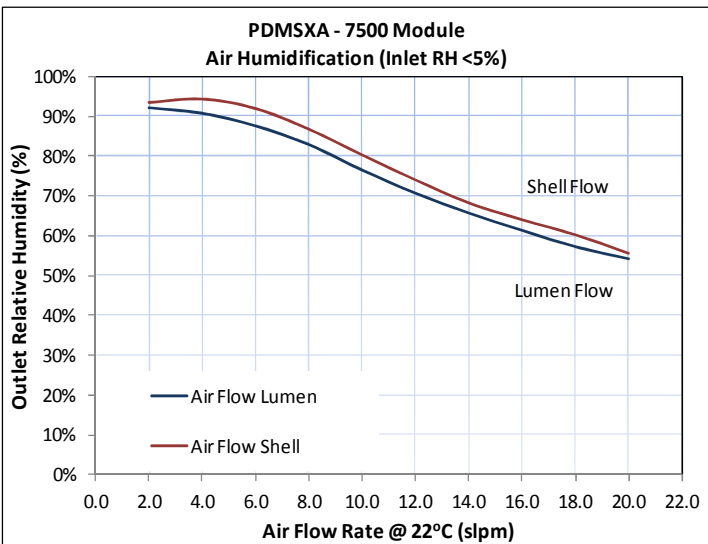
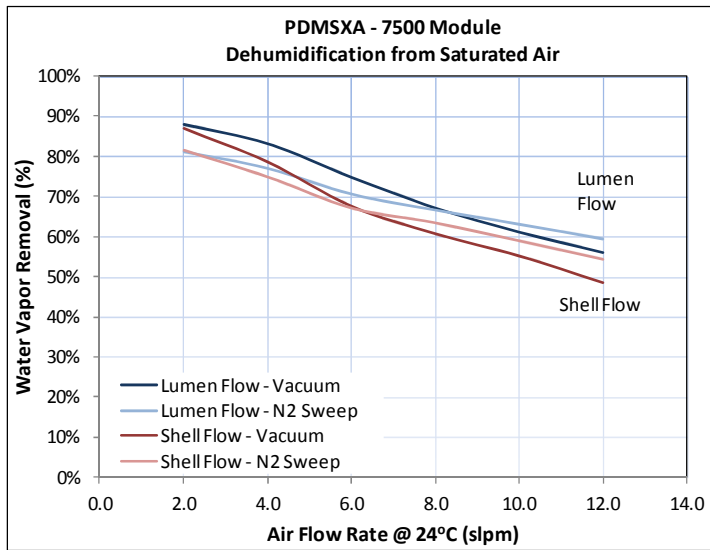
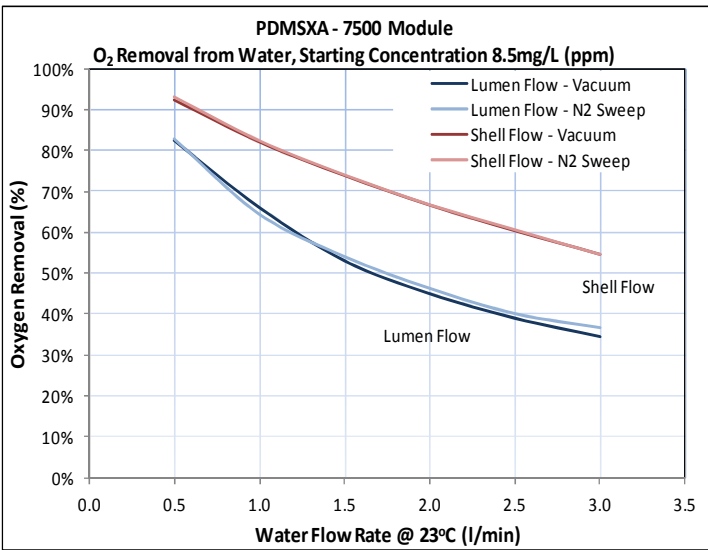
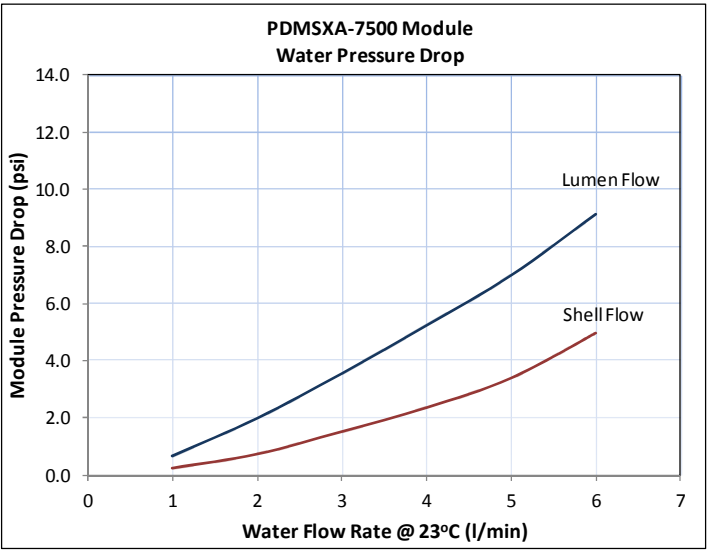
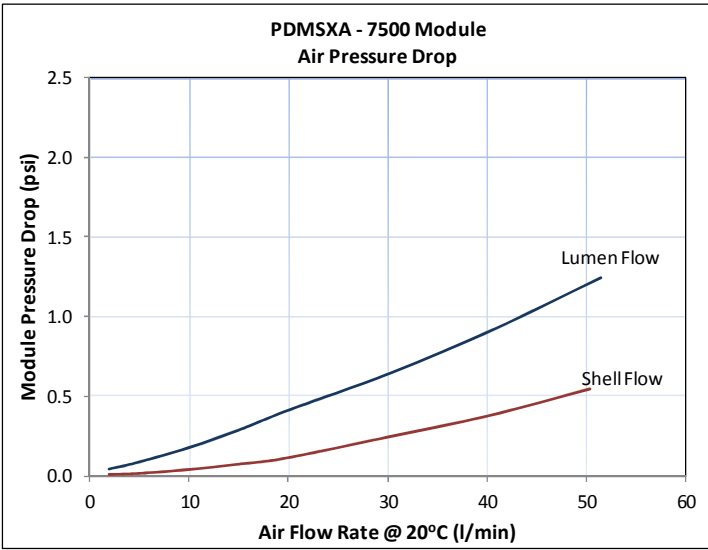
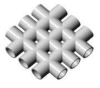
**Volume / Weight**

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



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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