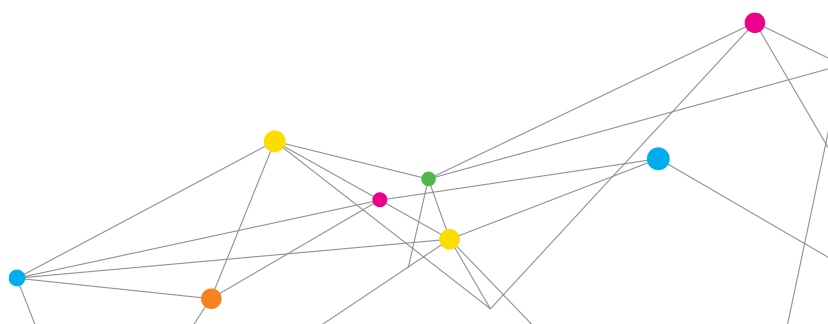


# TURBO-VAPORIZER™ MODEL 2841PE

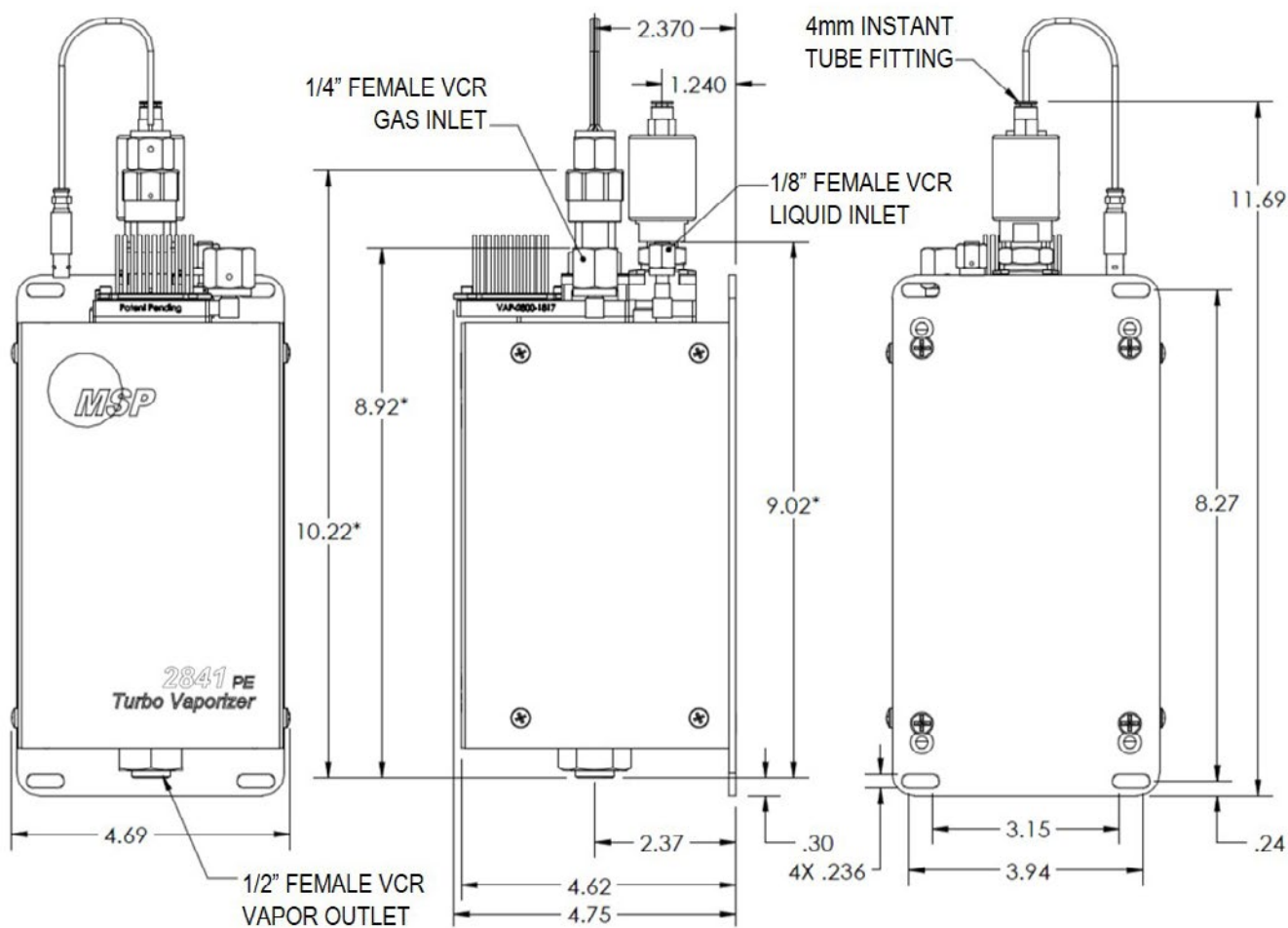
MSP's 2841PE Turbo-Vaporizer was designed for high flow water vapor. It has the state-of-the-art Performance Enhanced (PE) atomizer with on-board flow control and dual heaters to compensate for evaporating cooling at high water flow.



<b>Dimensions:</b>	297 mm x 119 mm x 122 mm (11.7 inch x 4.7 inch x 4.8 inch)
<b>Weight:</b>	7.2 kg (15.8 lb)
<b>Fittings (on the unit):</b>	
Carrier Gas Inlet:	1/4 inch VCR female split nut
Liquid Inlet:	1/8 inch VCR female
Vapor Outlet:	1/2 inch VCR female
Compressed Air	4 mm instant tube fitting
<b>Wetted Parts:</b>	SS 316, PEEK, PCTFE, Elgiloy®, Kalrez®, PTFE
<b>Leak Integrity:</b>	< 1x 10 <sup>-9</sup> scc/sec Helium
<b>Heater Power Requirements:</b>	208 V <sub>AC</sub> , 60 Hz, 500W
<b>Carrier Gas:</b>	Inert gas recommended
<b>Max Carrier Gas Flow:</b>	15 standard liters/min N <sub>2</sub> (0 - 80 psig inlet pressure)
<b>Max Liquid Flow Rate:</b>	3,000 g/hr. (TEOS or equivalent) 300 g/hr. (H <sub>2</sub> O or equivalent)
<b>System Pressure Limit:</b>	120 psig
<b>Compressed Air:</b>	90 to 110 psig
<b>Temperature Range:</b>	40° C to 160° C 160° C to 200° C with optional piezo cooling package
<b>Temperature sensor:</b>	2 type K thermocouples
<b>Vaporizer Body:</b>	Vacuum tight chamber with multi-stage heat exchanger, SS 316 construction



# TURBO-VAPORIZER MODEL 2801PE



All specifications are subject to change without notification.

Turbo-Vaporizer is a trademark, and MSP, the MSP logo and TSI are registered trademarks of TSI Incorporated.



MSP - Visit our website [www.msppcorp.com](http://www.msppcorp.com) for more information.

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