

TURBO-VAPORIZER™ MODEL 2800PE

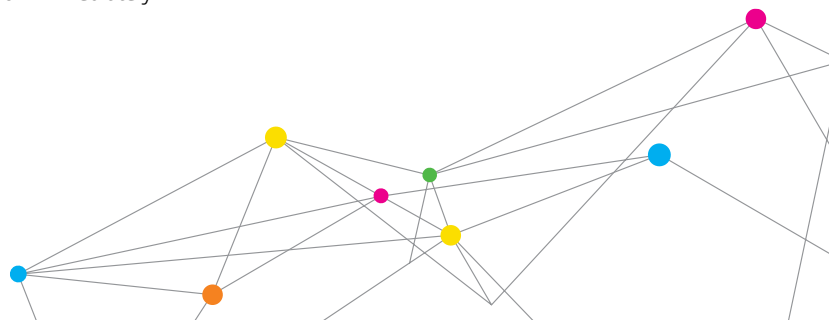


The 2800PE Turbo-Vaporizer™ is a great all around vaporizer and works well for most applications. This model has the state-of-the-art Performance Enhanced (PE) atomizer with on-board flow control and features a heat exchanger designed to be highly compatible with thermally sensitive liquids.

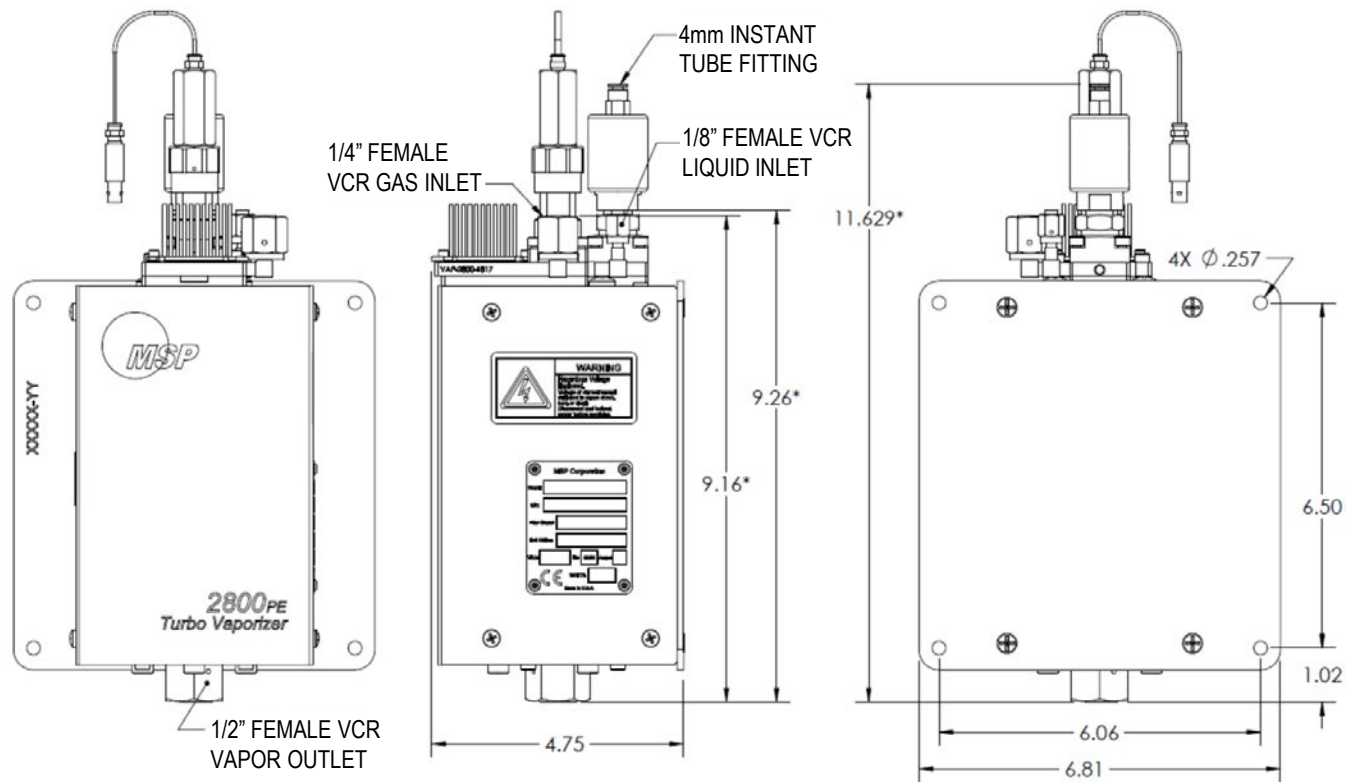
Dimensions:	296 mm x 173 mm x 121 mm (11.6 inch x 6.8 inch x 4.7 inch)
Weight:	7.3 kg (15.8 lb.)
Fittings (on the unit):	
Carrier Gas Inlet:	1/4 inch VCR female split nut
Liquid Inlet:	1/8 inch VCR female
Vapor Outlet:	1/2 inch VCR female
Compressed Air	4 mm instant tube fitting
Wetted Parts:	SS 316, PEEK, PCTFE, Elgiloy®, Kalrez®, PTFE
Leak Integrity:	$\leq 1 \times 10^{-9}$ Pa·m ³ /s Helium
Heater Power Requirements:	120 VAC, 60 Hz, 300W
Carrier Gas:	Inert gas recommended
Max Carrier Gas Flow¹:	8.5 standard liters/min N ₂ (@ 70 psig inlet pressure)
Max Liquid Flow²:	900 g/hr (TEOS equivalent) 90 g/hr (H ₂ O or equivalent)
System Pressure Limit:	120 psig
Push Gas:	0 to 80 psig
Compressed Air:	90 to 110 psig
Temperature Range:	40° C to 160° C, 160° C to 200° C with optional piezo cooling package
Temperature Sensor:	2 type K thermocouples
Vaporizer Body:	Vacuum tight chamber with multi-stage heat exchanger, SS 316 construction

¹ Up to 15 standard L/min available.

² Max. liquid flow is process dependent. The spec assumes a vaporizer temperature of 180° C or higher, Ar carrier gas from 4-7 SLPM, and pressure <50 Torr immediately downstream of the vaporizer.



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All specifications are subject to change without notification.

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