



MSP Turbo II™ Vaporizer

Model 2855PE



High flow, piezo valve

MSP's Turbo II™ Vaporizer 2855PE is designed for high-precision microelectronic applications that require mid to high vapor flow rates. Based off of the field proven, highly reliable, and low-maintenance MSP Turbo™ Vaporizers, the 2855PE delivers twice the vapor output in a footprint that is half the size.

Dimensions	245 mm x 79 mm x 142 mm (9.8" x 3.1" x 5.6")
Weight	5.1 kg (11.2 lb)
Fittings (on the unit)	
Carrier Gas Inlet	¼ inch VCR female split nut
Liquid Inlet	⅛ inch VCR female
Vapor Outlet	½ inch VCR female
Compressed Air	4 mm instant tube fitting
Wetted Parts	SS 316, PEEK, PTFE, Elgiloy®, FFKM
Leak Integrity	≤ 1x 10 ⁻⁸ Pa·m ³ /s Helium
Heater Power Requirements ¹	208 V _{AC} , 60 Hz, 900 W
Carrier Gas	Inert gas recommended
Max Carrier Gas Flow ¹	10 standard liters/min N ₂ @ 50 psig
Max Liquid Flow ²	40 g/min (TEOS or equivalent)
System Pressure Limit	150 psig
Compressed Air	90 to 110 psig
Temperature Range ³	40°C to 200°C
Temperature Sensor	2 type K thermocouples

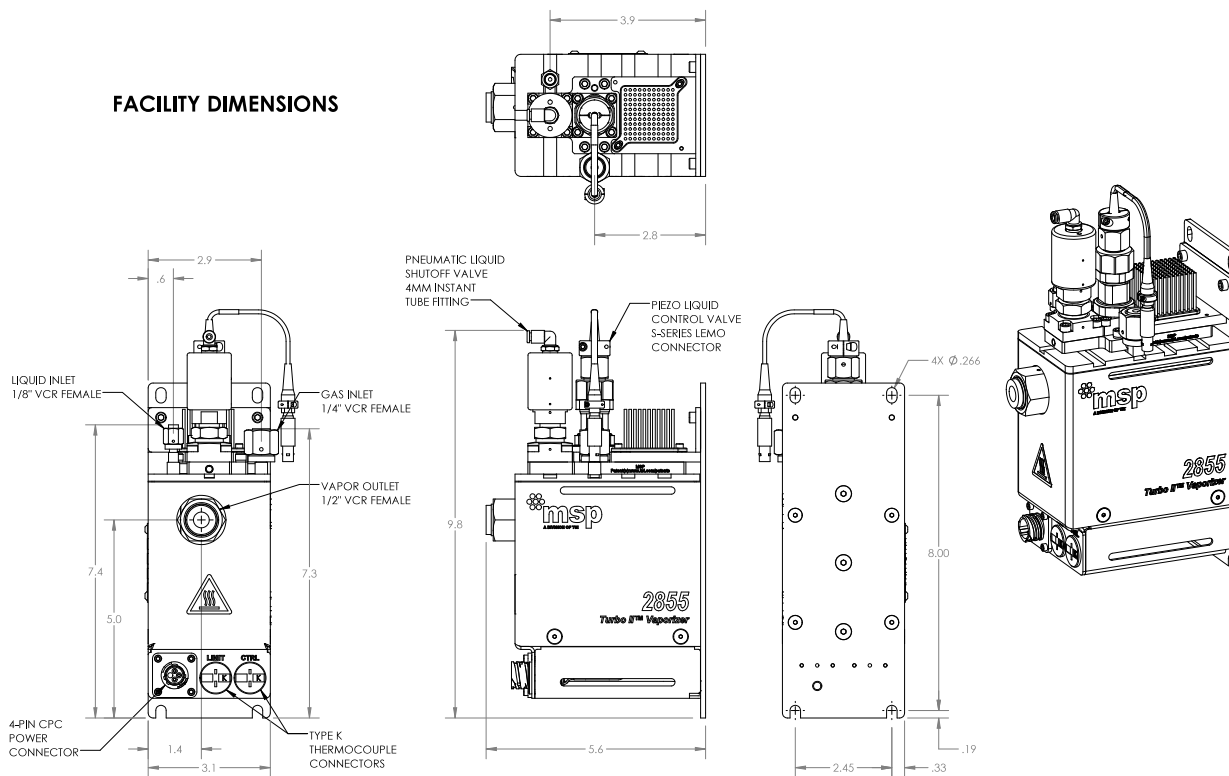
¹ Max Carrier Flow, Heater Power (W) and Line Voltage are factory adjustable, visit www.tsi.com/contact to request more information.

² Max. liquid flow is process dependent. The spec assumes a vaporizer temperature of 200°C, max. carrier gas flow and pressure <50 Torr immediately downstream of the vaporizer.

³ Appropriate venting is required.

MSP Turbo II™ Vaporizer Model 2855PE

FACILITY DIMENSIONS



All specifications are subject to change without notification.

ELGILOY® Registered Trademark of Elgiloy Specialty Metals.

The MSP logo is a trademark of MSP Corporation.
TSI and the TSI logo are registered trademarks of TSI Incorporated.



MSP - Visit our website www.tsi.com/msp for more information.

5910 Rice Creek Parkway, Suite 300
Shoreview, Minnesota
55126, U.S.A.
Tel: 651.287.8100