

LIQUID | Products For Liquid Applications

Products For
Liquid Applications

LIQUID VAPORIZER UNIT

Liquid Vaporizer with Piezoelectric Actuator VU-206 Series



■ Outlines

- VU-206 Series: Piezoelectric actuator-equipped liquid vaporizer unit
- Efficient liquid vaporization control when used in combination with LM-3000L Series

■ Features

- Vaporization of liquid precisely controlled with piezoelectric actuator
- Maximum operating temperature up to 160°C
- Long-term leak tightness ensured using metal seal
- Compact size

RoHS

Model		VU-0206N
Maximum vaporization rate	TEOS	7g/min
	H ₂ O	0.5g/min
Flow rate control range		10 ~ 100% F.S.
Carrier gas flow rate		0.1-14SLM
Operating differential pressure		50-300kPa
Withstand pressure		1MPa(G)
Valve operation mode		Normally open
Maximum power consumption	120V	70W
	240V	70W
Thermocouple		K Type 1pc
Recommended temperature control method		PID
Maximum operating temperature		160°C
Thermal switch		180°C ±15°C Open
Leak integrity		1×10 ⁻¹¹ Pa · m ³ / sec He
Wetted materials		SUS316L, Ni-Co, Polyimide
Seal materials		Au
Control valve actuator		Piezoelectric actuator
Operating pressure of the pneumatic actuator (NC type)		500 ~ 600kPa(G)
Mounting position		Vertically upward direction of the carrier gas inlet and the actuator
Weight		1.4kg

