

Piezoelectric Actuator Liquid Vaporizer VU-206 Series

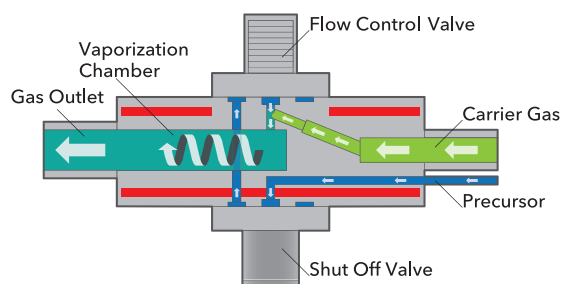


■ Outlines

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

■ Features

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



RoHS

Model		VU-0206N	
Maximum vaporation 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 a pneumatic actuator (NC type)	500-600kPa(G)		
Mounting position	Vertically upward direction of the carrier gas inlet and the actuator		
Weight	1.4kg		