

L26 Series

RoHS Directive Products

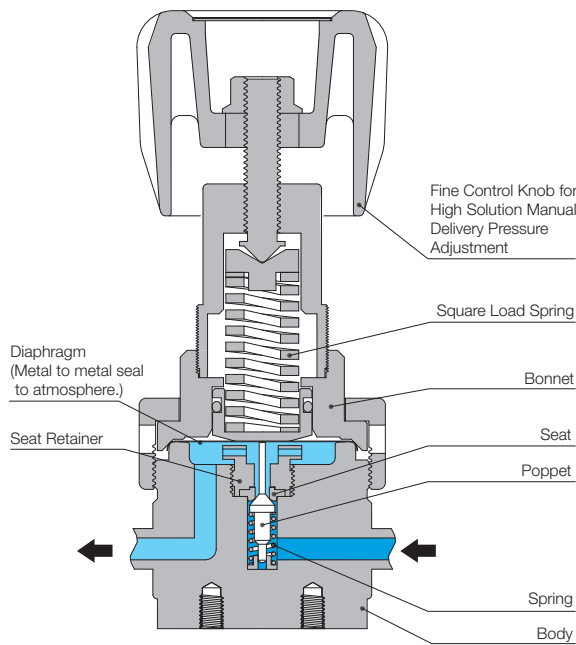
Point-of-Use Pressure Regulator

Inlet Pressure	Max.6 MPaG (Max.870 PSIG)
Outlet Pressure	Max.0.99 MPaG (Max.140 PSIG) (Pressure Range: 0~0.2 MPa, 0~0.4 MPa, 0~0.6 MPa, 0~0.99 MPa)
Supply Pressure Effect	0.001 MPaG (0.145 PSIG) per 0.1 MPaG (14.5 PSIG)
Proof Pressure	22.2 MPa (Inlet side)
CV	0.21
Temperature	-10°C to +40°C
Outboard Leakage	1×10 ⁻¹¹ Pa・m ³ /sec・He (1×10 ⁻¹⁰ atm・cc/sec・He)
Internal Volume	4.75 cc (0.29 in ³) w/o fittings
Approximate weight	1.0 kg (2 lbs. 3 oz.)
Installation	Threaded holes on the rear surface or Panel mounting

[NOTE]
1MPa = 10.2 kgf/cm² = 145.04 PSI
1MPa = 7504.36 mmHg = 295.4 inHg

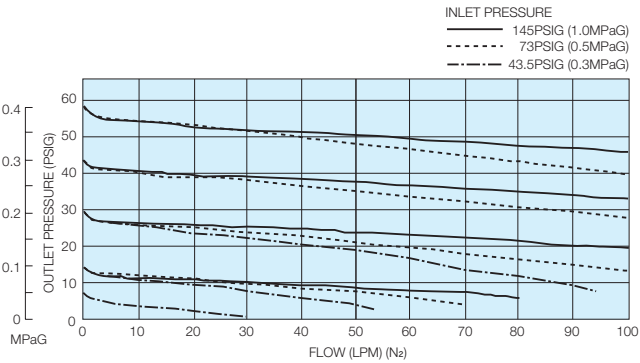


Cross sectional drawing



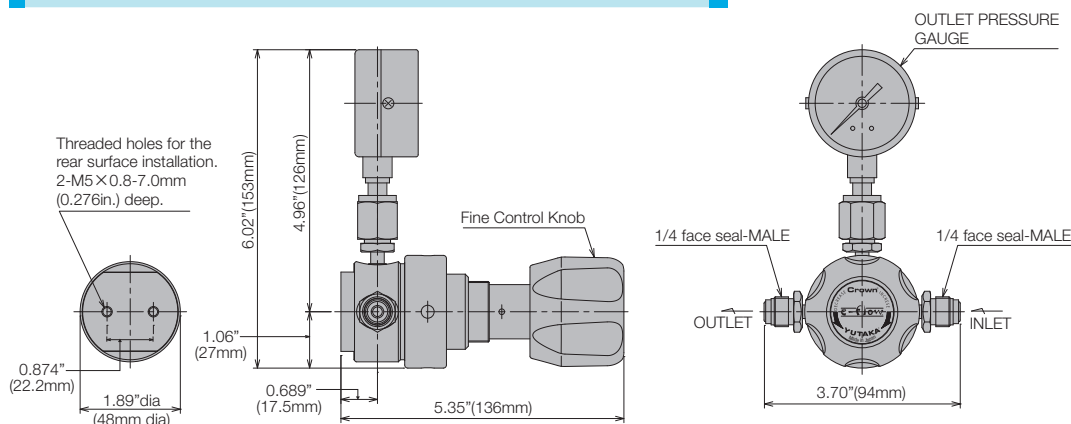
[NOTE]
· Avoid turning the control knob excessively.
· No filter in this unit.

Flow characteristics



[NOTE]
· These tests were performed at ambient conditions.

Outline drawing



[NOTE]

- Dimensions are in inches and (mm) for reference only.
- Face to face length of the male and female are the same.
- Subject to change without notice.

Materials of construction

MODEL & TYPE	L26SS	L26SH	L26SH-CL2	L26SS-N2O	L26SS-CO	L26SS-NH3
Wetted Parts						
Body	SUS316L					
Poppet & Seat Retainer	SUS316L	Hastelloy® C-22		SUS316L		
Diaphragm	Hastelloy® C-22				SUS316L	Hastelloy® C-22
Seat	PCTFE		Special Fluoroplastics	VespeI®	PCTFE	Special Fluoroplastics
Spring	SUS316	Hastelloy® C-22		SUS316		
Gasket to seal for gauge	Ni				SUS316	Ni
Non-wetted Parts						
Bonnet	SUS304					
Control Knob	ABS Resin					
O-ring	NBR					

Wetted surface finishes

Standard Ra (GRADE "B")	32µin. (0.80µm) or less
Optional Ra (GRADE "A")	7µin. (0.18µm) or less

Standard connections

1/4" face to face length of the male and female are the same. 3.70in. (94mm)
1/4" Tube stubs and other connections available as options.

[NOTE]

- Any combination of Face Seal male and/or female fittings are available for inlet and outlet.
- Size and configuration of pressure gauge port is 1/4" Face Seal male.

Ordering information

