

LH1 Series

RoHS Directive Products

High Flow Rate Applications

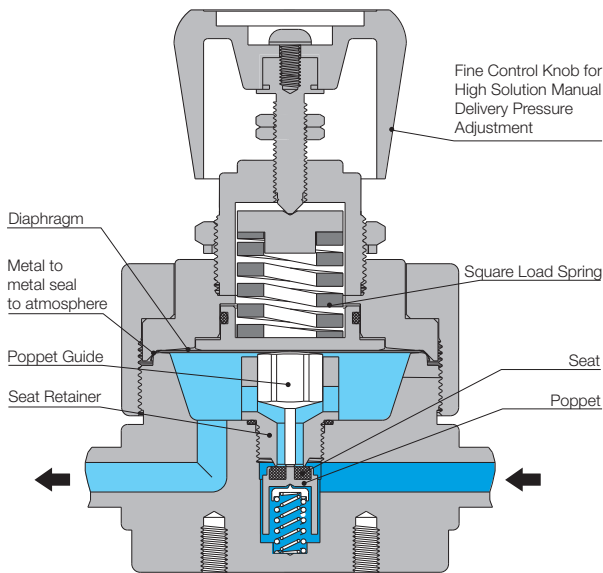
Inlet Pressure	Max.6 MPaG (Max.870 PSIG)
Outlet Pressure	Max.0.8 MPaG (Max.116 PSIG) (Pressure Range: 0~0.2 MPa, 0~0.4 MPa, 0~0.6 MPa, 0~0.8 MPa)
Supply Pressure Effect	0.0019 MPaG (0.28 PSIG) per 0.1 MPaG (14.5 PSIG)
Proof Pressure	9.0 MPa (1,305 PSI)
CV	0.7
Temperature	-10°C to +40°C
Outboard Leakage	1×10^{-11} Pa·m ³ /sec·He (1×10^{-10} atm·cc/sec·He)
Internal Volume	32.3 cc (1.95 in ³) w/o fittings
Approximate weight	4.7 kg (10 lbs. 6 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



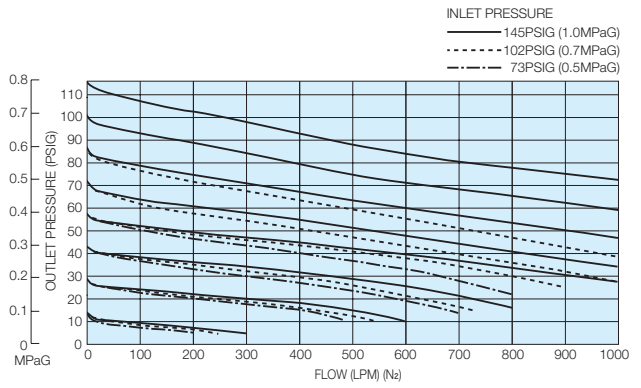
Cross sectional drawing



[NOTE]

- Avoid turning the control knob excessively.
- Series LH2 are recommended for Chlorine (Cl₂) service and Nitrous Oxide (N₂O) service.
- No filter in this unit.

Flow characteristics



[NOTE]

· These tests were performed at ambient conditions.

