

CYL-2 Series Pressure Regulators



Precision pressure control is now possible with our advanced design of two stage pressure reducing regulators. Offering the utmost in economical considerations, the CYL-2 Series is constructed from Brass but still utilizes stainless steel for the diaphragms and poppets. The two stage design has less than 0.01% change in outlet pressure with varying inlet pressure and is suitable for use in all applications where the corrosion resistance of stainless steel is not a requirement.

- Brass (alloy 360) construction
- Stainless steel diaphragms with PTFE linings
- Stainless steel poppets
- Better than 25 Ra finish in diaphragm cavity
- 20 micron inlet filter
- Bubble tight shutoff
- CGA inlet fitting
- 2" diameter Brass gauges
- Outlet pressure ranges are 10, 25, 50, 100, 250 and 500 psig
- Outlet pressure change is 0.01 psig per 100 psig of inlet decay
- Proof pressure is 2 times maximum working pressure
- Burst pressure is 4 times maximum working pressure
- Weight 3.5 lbs (1.59 kg)
- Optional panel mounting style (see Outline and mounting dimensions)

Maximum Temperature & Operating Inlet Pressures

Seat Material	Maximum Temperature		Maximum Operating Inlet Pressure
Tefzel®	150° F (66° C)	@	3600 psig (24.82 MPa)
High Density PTFE	150° F (66° C)	@	3600 psig (24.82 MPa)
CF PTFE	175° F (80° C)	@	3600 psig (24.82 MPa)
PCTFE	175° F (80° C)	@	3600 psig (24.82 MPa)
Polyimide	175° F (80° C)	@	3600 psig (24.82 MPa)
PEEK	175° F (80° C)	@	3600 psig (24.82 MPa)