

The LPLR - Series point-of-use gas regulator can be used for the beam purge gas delivery for a CO₂ industrial laser. The LPLR point-of-use regulators provides flexibility for delivering the beam purge gas to the laser. The regulator includes an outlet shut-off valve, pressure regulator and outlet pressure gauge. The regulator can be mounted on a panel by using the threaded holes on the back of the regulator.

Features

- * One-piece encapsulated seat design to protect seat from particulate contamination.
- * 302 stainless steel diaphragm eliminates contamination from diffusion or out-gassing.
- * Chrome plated bonnet, body and fittings.
- * External relief valve



Specifications

Delivery Pressure:	0 - 125 psig.
Body:	Brass barstock, chrome plated
Housing:	Brass , chrome plated
Seat:	PTFE Teflon
Diaphragm:	316L Stainless Steel
Bonnet Seal:	PTFE Teflon
Max. Inlet:	3,000 psig.
Inlet connection:	1/4" NPT female
Outlet connection:	1/4" NPT female
Design leak rate:	1 x 10 ⁻⁹ SCC/SEC
Flow Coefficient C _v :	0.17

Model	Gas
LPLR125000	Air
	Nitrogen