

Liquid Cylinder Regulator

Model 80

The Model 80 regulator is designed for use on the gaseous withdrawal port of cryogenic liquid containers. Featuring a metal diaphragm design, this regulator is ideal for applications requiring both high-flow and diffusion-resistant pressure regulation. Typical applications include laser-assist gases, purging, pressure testing and blanketing.

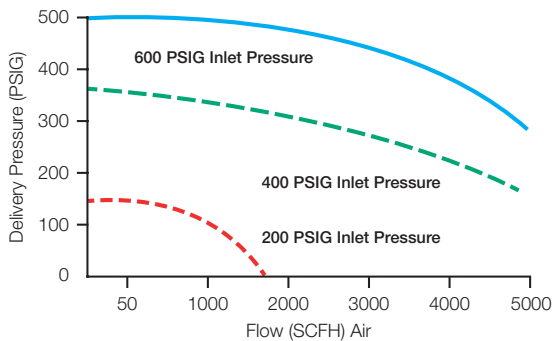
Benefits and Features

- Maximum inlet pressure is 3000 psig
- Conforms to CGA E-4
- Designed specifically to operate on liquid cylinders, but can also be used on high-pressure cylinders without damage
- 2.75" stainless steel diaphragm
- 2.5" dual-scale gauge (psi/kpa)
- Tamper-proof, self-reseating internal high-pressure safety valve
- One-piece encapsulated seat design with an internal filter and PTFE seat



Recommended for use with LASAL™

Typical Performance



Model Number	Gas Service	Delivery Pressure Range (psig)	Inlet CGA	Outlet
IGR-80C-(CGA)	Carbon Dioxide, Oxygen, Inerts	0–125	320, 540 or 580	¼" NPT Female
IGR-80D-(CGA)	Carbon Dioxide, Oxygen, Inerts	0–350	320, 540 or 580	¼" NPT Female
IGR-80E-(CGA)	Carbon Dioxide, Oxygen, Inerts	0–500	320, 540 or 580	¼" NPT Female

Note: Order by complete model number. Where (CGA) is indicated above, insert appropriate CGA connection number to complete the model number (i.e. IGR-80E-580).