

High-Purity High-Flow Regulator

Model 90

These in-line regulators provide high gas flows for manifolds, pipelines and other applications up to 3000 psig inlet pressure. They are specifically designed for noncorrosive, high-purity bulk applications requiring both high flow and diffusion-resistance. The high delivery pressure ranges of 250 psig and 500 psig are ideal for special laser cutting applications

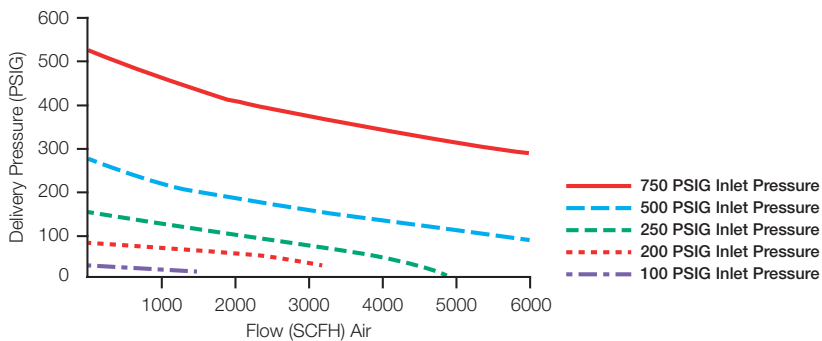
Benefits and Features

- Maximum inlet pressure is 3000 psig
- Brass barstock body and bonnets
- 2.75" stainless steel diaphragm
- 2.5" dual-scale gauges (psi/bar)
- One-piece encapsulated seat design with an internal filter and PTFE seat
- Self-seating safety relief valve
- Cv = 0.55



Recommended for use with ALIGAL™ and LASAL™

Typical Performance



Model Number	Gas Service	Delivery Pressure Range (psig)	Inlet	Outlet
IGR-90B	Oxygen, Inerts, Fuels*	0–50	½" NPT Female	½" NPT Female
IGR-90C	Oxygen, Inerts, Fuels*	0–125	½" NPT Female	½" NPT Female
IGR-90D	Oxygen, Inerts, Fuels*	0–250	½" NPT Female	½" NPT Female
IGR-90E	Oxygen, Inerts, Fuels*	0–500	½" NPT Female	½" NPT Female

*Please note: Not for use with acetylene.