

Servo-Dome-Loaded Regulator

Model 85

The Model 85 is a high-pressure, high-flow regulator system featuring servo-dome-load technology. This feature allows the regulator to supply high flow rates with straight-line pressure regulation. Typical applications include laser-assist gases, pressure transfer, blanketing and high-flow manifolds.

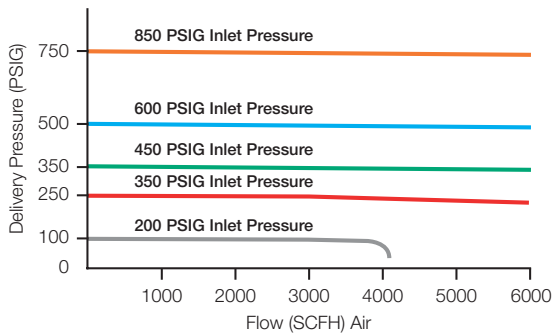
Benefits and Features

- Maximum inlet pressure is 3000 psig
- Conforms to CGA E-4
- Ergonomic knob for improved grip
- 2.5" dual-scale gauges (psi/bar)
- ½" NPT inlet and outlet body ports
- Tamper-proof, self-reseating internal high-pressure safety valve
- One-piece encapsulated seat design with 10 micron filtration



Recommended for use with LASAL™

Typical Performance



| Model Number | Gas Service | Delivery Pressure Range (psig) | Inlet | Outlet |
|--------------|-------------|--------------------------------|---------------|---------------|
| IGR-85E | Inerts | 0–500 | ½" NPT Female | ½" NPT Female |
| IGR-85F | Inerts | 0–1000 | ½" NPT Female | ½" NPT Female |