

High-Flow Regulator

Model 30

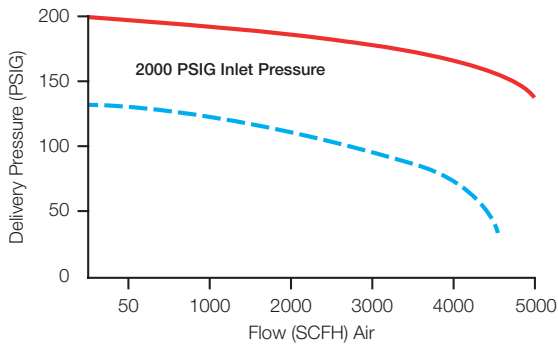
This specially-designed regulator provides high gas flows for cylinders and manifold gas supply systems, and is ideal for high-flow applications such as heavy cutting and heating.

Benefits and Features

- Allows flow in excess of 2000 SCFH at 2000 psi inlet and 300 SCFH at 200 psi inlet
- Operates on high-pressure cylinders up to 3000 psig (maximum inlet pressure)
- Conforms to CGA E-4
- Large 2.75" neoprene diaphragm
- 2.5" dual-scale gauges (psi/kpa)
- Tamper-proof and self-reseating internal high-pressure safety valve
- One-piece encapsulated seat design with an internal filter and PTFE seat



Typical Performance



Model Number	Gas Service	Delivery Pressure Range (psig)	Inlet CGA	Outlet
IGR-30C-346	Air	0-125	346	1/16"-18 RH
IGR-30C-350	Hydrogen, Methane	0-125	350	1/16"-18 LH
IGR-30C-540	Oxygen	0-125	540	1/16"-18 RH
IGR-30C-580	Inerts	0-125	580	5/16"-18 RH Female
IGR-30D-580	Inerts	0-400	580	3/8"-18 NPT Male*
IGR-30E-580	Inerts	0-600	580	3/8"-18 NPT Male*

*3/8" male hex nipple installed 180° from inlet port.