

Two-Stage Carbon Dioxide Ambient Vaporizing Regulator

Model 32

Carbon dioxide frequently causes ordinary regulators to freeze. The Model 32 is designed to handle gas phase withdrawal of carbon dioxide from non-siphoned tube cylinders at flow rates up to 100 SCFH at 70°F (21°C) without freeze-up or the need for electrical connections.

Benefits and Features

- Maximum inlet pressure is 3000 psig
- Regulator is preset dynamically at 50 psig
- Conforms to CGA E-4
- Multi-finned aluminum black body design provides high rate of heat transfer into the regulator
- Two-stage design spreads out the cooling effect of carbon dioxide pressure-reduction
- 2.5" dual-scale gauge (psi/kpa)
- Sensitive needle valve permits highly accurate flow settings
- Durable, easy-to-read flow tube and protective cover
- One-piece encapsulated seat design with an internal filter and PTFE seats



Model Number	Gas Service	Delivery Flow Range (SCFH)	Inlet CGA	Outlet
IGR-32100-320	Carbon Dioxide	0–100 (50 psig)	320	5/8"–18 RH Female