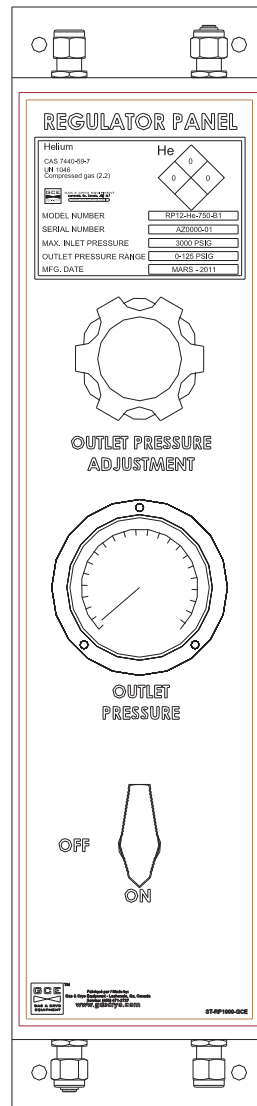


EQUIPMENT CATALOG

*Regulator Panels
Point-of-use*



*Helping our customers
to become more effective*

DESCRIPTION

The RP1000 Series Regulator Panels are a convenient way to control end-of-line high purity gas delivery pressure. This equipment can be used as a stand-alone panel or can be combined with other regulators all on the same panel.

The system will accommodate any number of panel sections while allowing for future expansion. Our systems are designed, cleaned and built to maintain high purity levels.

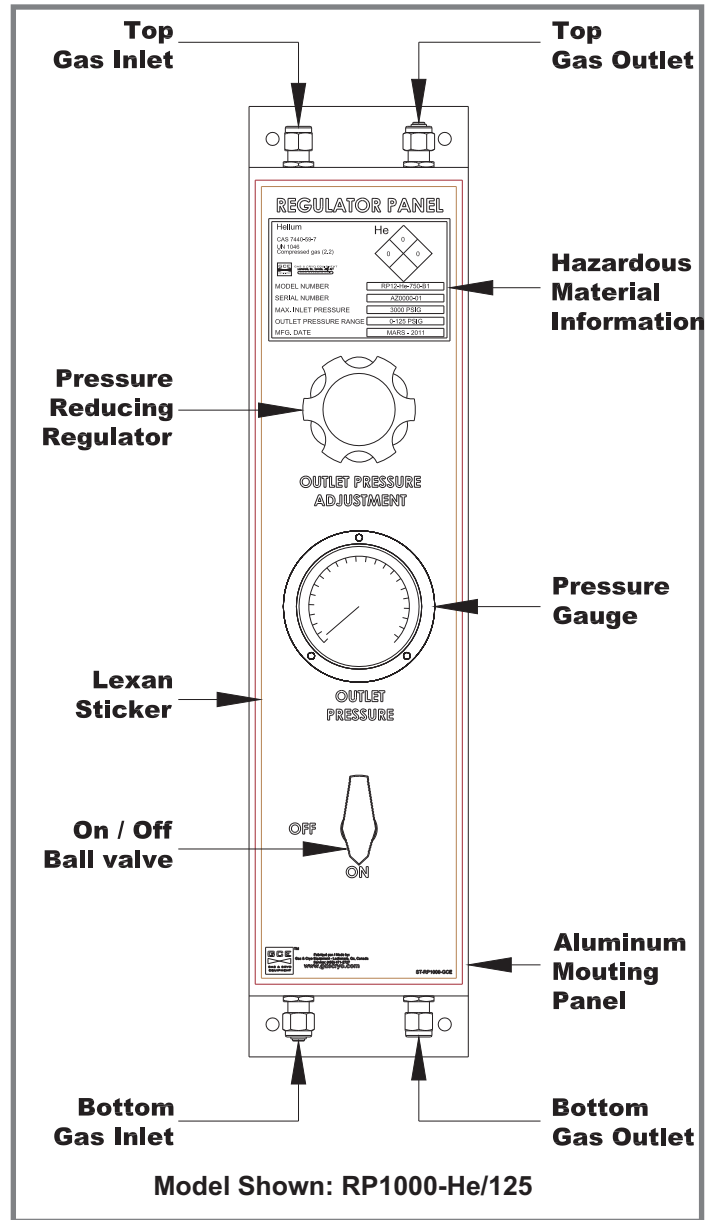
STANDARD FEATURES

- Rust-free aluminum mounting panel
- Each gas labeled with the appropriate NFPA hazard diamond, CAS registry number, UN and DOT classifications
- Wide range of outlet pressure
- Panels completely assembled and tested prior to shipment
- Customable regulator panel with unlimited possibilities
- Pre-drilled holes for convenient installation
- When selecting single regulator panels, system allows for upgrades or modifications
- Top or bottom inlets and outlets provide unlimited installation configurations

INSTALLATION TIP

You can combine several other types of other GCE panels with this regulator panel. The RP1000 Series regulator panels can be combined with end-of-the-line purifier panels or outlet valve panels.

Please consult GCE for details

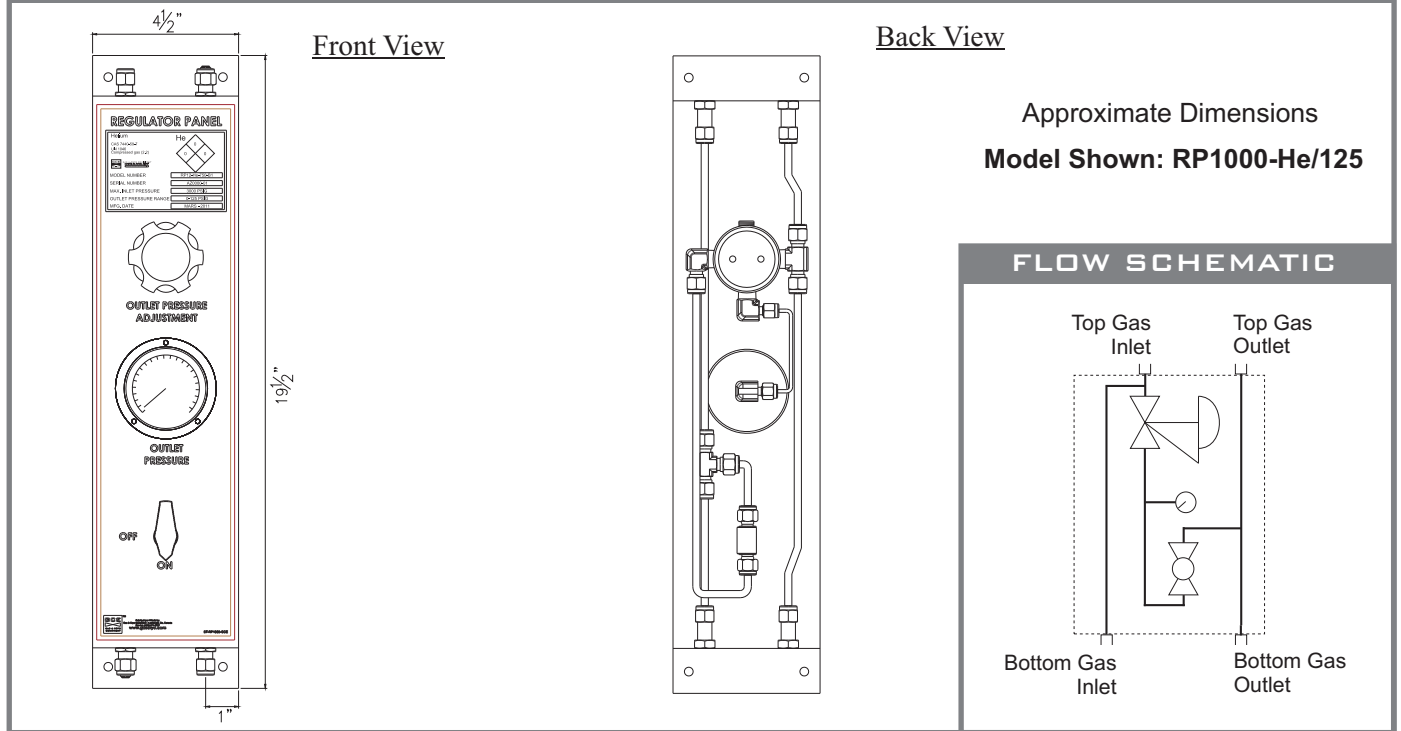


HOW TO ORDER - PART NUMBER MATRIX

| | | | | | | | |
|---------------------|--|---|---|---|--|---|----------------------|
| RP1000 | <input type="text"/> | - | <input type="text"/> | - | <input type="text"/> | - | <input type="text"/> |
| Basic Series | Typical Fluid | Outlet Pressure | Regulator | Options | | | |
| | <input type="checkbox"/> Air = Air <input type="checkbox"/> Nitrogen = N2 <input type="checkbox"/> Helium = He <input type="checkbox"/> Hydrogen = H2 Other Please Specify | <input type="checkbox"/> 0-15 psig = 15 <input type="checkbox"/> 0-50 psig = 50 <input type="checkbox"/> 0-125 psig = 125 <input type="checkbox"/> 0-250 psig = 250 <input type="checkbox"/> 0-500 psig = 500 Other Please Specify | <input type="checkbox"/> Brass / Single-Stage = B1 <input type="checkbox"/> SS / Single-Stage = S1 | <input type="checkbox"/> 1/8" Compression Outlet = 1/8 <input type="checkbox"/> 3/8" Compression Inlet = 3/8 | | | |
| | | | | | 500 psi outlet regulators cannot be used on GCE standard FP250 filter panels | | |

WE CAN ACCOMMODATE YOUR SPECIFIC DESIGN REQUIREMENTS, PLEASE CALL GCE FOR DETAILS

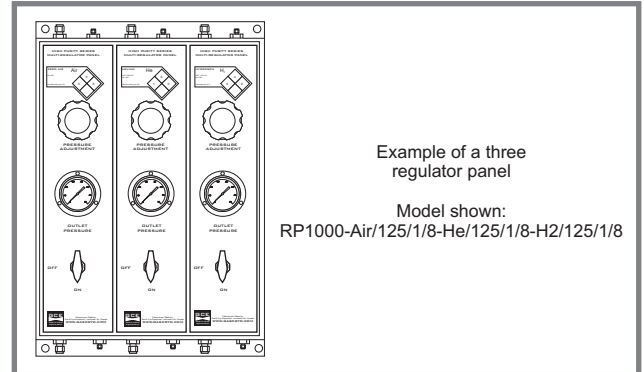
DIMENSIONAL DRAWING



STANDARD SPECIFICATIONS

Description

| | |
|-------------------------|---------------------------|
| Maximum Inlet Pressure | 1000 psig |
| Outlet Pressure Range | Refer to P/N Matrix |
| Inlet Connection | 1/4" compression S/S |
| Outlet Connection | 1/4" compression S/S |
| Operating Temperature | -40°F to 140°F |
| Pressure Gauge Dial | 2-1/2" |
| Tube Diameter | 1/4" |
| Pressure Regulator Type | Single Stage, High Purity |



STANDARD MATERIALS OF CONSTRUCTION

| Part Description | Materials of Construction (Wetted Parts Only) |
|------------------|--|
| Ball Valve | Body: Stainless Steel 316 - Ball: Stainless Steel 316 - Packing & Seal: PTFE |
| Fittings | Stainless Steel 316 |
| Pressure Gauge | Brass: CDA 360 Inlet |
| Tubing | Stainless Steel 304 |
| Regulator | Body & Bonnet: Stainless Steel - Diaphragm: Stainless Steel |