Model 3210B Series
Single-Stage Corrosion Resistant Regulator - Monel

Design Features/Components
- Monel and Elgiloy construction for excellent corrosion resistance
- PCTFE seat material for use with chlorinated compounds
- 2-1/2” Monel gauges
- Equipped with Monel needle valve on outlet
- 1/4” NPTM outlet connection

Materials of Construction
Gauges: Monel
Body: Monel
Bonnet: 303 Stainless Steel
Diaphragm: Elgiloy
Valve Stem: Monel
Valve Spring: Elgiloy
Seat: PCTFE
Friction Sleeve: PTFE

Materials of Construction (Outlet Valve)
Body: Monel
Stem: 316 Stainless Steel
Packing: PTFE

Specifications
Maximum Inlet Pressure: 3000 psig (20,700 kPa)
Flow Capacity (Cv): 0.20
Operating Temperature: -40°F to 140°F (-40°C to 60°C)
Porting (Regulator Body): 1/4” NPT Female
Porting Configuration: 2 High, 2 Low
Outlet Valve: SEQ104B
Valve Outlet: 1/4” MNPT

Cross Purge Option
- Eliminates the escape of hazardous gases when changing cylinders
- Reduces danger of contamination from atmospheric moisture and oxygen
- Minimizes the amount of gas lost during cylinder changes
- Monel and Aluminum-Silicon-Bronze construction

Description
Corrosive service regulators constructed of Monel for superior corrosion resistance.

Applications
- Pressure regulation of acid forming halogen gases, such as hydrogen chloride, chlorine, hydrogen fluoride, hydrogen bromide, and silicon tetrafluoride
- Dispensing of corrosive calibration gases
- Research and development applications where a corrosion resistant regulator is required for either corrosive ambient conditions or corrosive gas service
- Applications requiring extended regulator lifespan in severe conditions

Ordering Information

<table>
<thead>
<tr>
<th>Part Number*</th>
<th>Delivery Pressure Range</th>
<th>Delivery Pressure Gauge</th>
<th>Cylinder Pressure Gauge</th>
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<td>0-100 psig</td>
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*Note: Where “CGA” is replaced with the actual CGA number. Some CGA limitations may apply. (NI for 1/4” FNPT inlet)

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