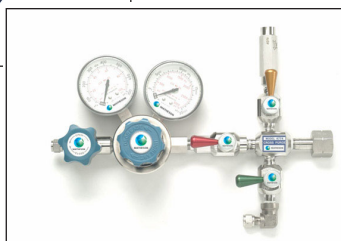




Model 3210A Series Single-Stage Deluxe Corrosion Resistant Monel Regulator



Shown with optional cross purge.

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; and fluorine (Model 3225A)
- 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.

Design Features/Components

- Monel construction for excellent corrosion resistance
- Kel-F seat material for use with chlorinated compounds
- Bronze filled Teflon® for fluorinated compounds (Model 3225A)
- 2-1/2" Monel gauges
- Equipped with Monel needle valve on outlet
- Porous metal filter protects seat from contamination
- 1/4" NPTM outlet connection
- 1/4" compression tube outlet connection available as an option

Materials of Construction

Gauges:	Monel
Body:	Monel
Bonnet:	Chrome-plated brass
Diaphragm:	Monel
Valve Stem:	Monel
Valve Spring:	Monel
Seat:	Kel-F
Seat (Model 3225A):	Bronze filled Teflon®
Seals:	Kel-F

Specifications

Maximum Inlet Pressure:	3000 psig (20,700 kPa)
	Model 3225A: 1000 psig (6900 kPa)
Maximum Flow Rate:	Model 3215A, 3217A, and 3219A:
(at 2000 psig, N ₂)	1500 SCFH (700 SLPM)
	Model 3216A, 3218A, 3220A:
	600 SCFH (280 SLPM)
	Model 3225A: 450 SCFH (210 SLPM)
Flow Capacity (Cv):	0.195
Operating Temperature:	-20°F to 150°F (7°C to 66°C)
Porting (Regulator Body):	1/4" NPT Female
Porting Configuration:	2 High, 2 Low
Shipping Weight:	6 lbs

Ordering Information

Part Number*	Delivery Pressure Range	Delivery Pressure Gauge	Cylinder Pressure Gauge
SEQ3215ACGA	1-50 psig	0-100 psig	none
SEQ3216ACGA	3-200 psig	0-300 psig	none
SEQ3217ACGA	1-50 psig	0-100 psig	0-1000 psig
SEQ3218ACGA	3-200 psig	0-300 psig	0-1000 psig
SEQ3219ACGA	1-50 psig	0-100 psig	0-3000 psig
SEQ3220ACGA	3-200 psig	0-300 psig	0-3000 psig
SEQ3225A679	1-50 psig	0-100 psig	0-1000 psig

*Note: For ordering, replace letters "CGA" with the valve outlet CGA number for the gas cylinder you are using. Some CGA limitations may apply.

Options

Part Number	Description
SEQ4755CGA	Tee Purge Assembly
SEQ4775CGA	Cross Purge Assembly
SEQCON0208MA	1/4" Compression Tube Outlet Fitting (Monel)