



Model 3030S and 3040S Series Single-Stage High-Purity/High Delivery Pressure Stainless Steel Regulators



Description

High-purity Stainless Steel regulators designed for delivery pressures up to 2500 psig. Seal material choices are Viton/Teflon or EPR/Vespel. Hydrogen sulfide mixes need to have the EPR/Vespel seals while hydrogen chloride mixtures need to have the Viton/Teflon seals. Viton/Teflon is good for most other gases.

Applications

- Applications requiring delivery pressures up to 2500 psig.
- Delivery of gas to manufacturing processes, charging of systems, purging.

Design Features/Components

- High-purity stainless steel body
- 316 stainless steel piston
- 2" inlet and delivery pressure gauges
- Equipped with outlet needle valve
- 1/4" NPTM outlet connection
- Porous metal filter protects seat from contamination
- Panel mountable

Materials of Construction

| | |
|---------|---------------------|
| Gauges: | Stainless Steel |
| Body: | Stainless Steel |
| Bonnet: | Nickel plated brass |
| Piston: | 316 stainless steel |

Specifications

| | |
|---------------------------|--------------------------------------------------------------------|
| Maximum Inlet Pressure: | 3500 psig (24,100 kPa) |
| Maximum Flow Rate: | Model 3030S: 4600 SCFH (2170 SLPM) |
| | (At 2500 psig, N ₂) Model 3040S: 4600 SCFH (2170 SLPM) |
| Flow Capacity (Cv): | 0.06 |
| Operating Temperature: | -15°F to 165°F (-26°C to 74°C) |
| Porting (Regulator Body): | 1/4" NPT Female |
| Porting Configuration: | 2 High, 2 Low |
| Shipping Weight: | 5 lbs |

Ordering Information

| Part Number* | Delivery Pressure Range | Delivery Pressure Gauge | Inlet Pressure Gauge | Seal Materials |
|--------------|-------------------------|-------------------------|----------------------|----------------|
| SEQ3030SECGA | 100-1500 psig | 0-3000 psig | 0-3000 psig | EPR/VESPEL |
| SEQ3030SVCGA | 100-1500 psig | 0-3000 psig | 0-3000 psig | VITON/TEFLON |
| SEQ3040SECGA | 100-2500 psig | 0-3000 psig | 0-3000 psig | EPR/VESPEL |
| SEQ3040SVCGA | 100-2500 psig | 0-3000 psig | 0-3000 psig | VITON/TEFLON |

*Note: Where CGA is replaced with the actual CGA number. Some CGA limitations may apply