



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