



Model 3550, 3570 Series Single-Stage High-Purity Miniature Regulators

Model 3850, 3870 Series Dual-Stage High-Purity Miniature Regulators



Description

Compact, high-purity regulators for use with small cylinders.

Applications

- Applications requiring high-purity gases and a compact regulator due to space limitations.

Design Features/Components

- High-purity nickel plated brass barstock or 316L stainless steel body available
- High-purity 316 stainless steel diaphragm
- 1-1/2" inlet and delivery pressure gauges
- 1/4" NPTF outlet connection
- Porous metal filter protects seat from contaminants
- Panel mountable
- 0-3000 psig cylinder pressure gauge

Materials of Construction

Gauges:	Chrome plated brass or 316 stainless steel
Body:	316L stainless steel or nickel plated brass
Diaphragm:	316 stainless steel
Seat:	Kel-F 81
Seals:	Teflon

Specifications

Maximum Inlet Pressure:	3000 psig (20,700 kPa)
Maximum Flow Rate:	11 SCFH (5 SLPM)
Flow Capacity (Cv):	0.06
Operating Temperature:	-40°F to 140°F (-40°C to 60°C)
Porting (Regulator Body):	1/4" NPT Female
Gauge Ports:	1/8" NPT Female
Porting Configuration:	2 Low, 2 High
Shipping Weight:	2 lbs

Ordering Information

Model Number*	Regulator Type	Body Construction	Delivery Pressure Range	Delivery Pressure Gauge
3551-CGA	Single-Stage	Brass	0-30 psig	0-60 psig
3552-CGA	Single-Stage	Brass	0-60 psig	0-100 psig
3553-CGA	Single-Stage	Brass	0-100 psig	0-200 psig
3571-CGA	Single-Stage	Stainless Steel	0-30 psig	0-60 psig
3572-CGA	Single-Stage	Stainless Steel	0-60 psig	0-100 psig
3573-CGA	Single-Stage	Stainless Steel	0-100 psig	0-200 psig
3851-CGA	Dual-Stage	Brass	0-30 psig	0-60 psig
3852-CGA	Dual-Stage	Brass	0-60 psig	0-100 psig
3853-CGA	Dual-Stage	Brass	0-100 psig	0-200 psig
3871-CGA	Dual-Stage	Stainless Steel	0-30 psig	0-60 psig
3872-CGA	Dual-Stage	Stainless Steel	0-60 psig	0-100 psig
3873-CGA	Dual-Stage	Stainless Steel	0-100 psig	0-200 psig

*Note: Some CGA limitations may apply.