



Model 1250 Series Dual-Stage Brass Regulator



Description

High purity regulators constructed for use with non-corrosive gases.

Applications

- Supply of carrier gas/detector support gas for gas chromatography applications
- Calibration of pressure gauges, rotameters, and mass flow controllers.
- Applications where a constant delivery pressure is required.
- Applications with high duty cycle/demanding operating conditions.

Design Features/Components

- Forged brass body
- Stainless steel diaphragms (1st and 2nd stages)
- 2" inlet and delivery pressure gauges
- Equipped with outlet diaphragm valve
- 1/4" NPTF outlet connection
- One-piece encapsulated seat with (10 μ) internal filter to protect against contamination

Materials of Construction

Gauges:	Chrome plated brass
Body:	Forged brass
Bonnet:	Chrome plated brass (1st and 2nd stages)
Diaphragm:	First Stage – stainless steel Second Stage – stainless steel
Seats:	First Stage – PTFE Second Stage – PTFE
Seals:	PTFE

Specifications

Maximum Inlet Pressure:	3000 psig (20,700 kPa)
Flow Capacity (Cv):	0.15
Operating Temperature:	-20°F to 140°F (-29°C to 60°C)
Valve Outlet Connection:	1/4" NPTF
Porting (Regulator Body):	1/4" NPTF
Porting Configuration:	2 High, 2 Low, 1 Interstage
Shipping Weight:	6 lbs

Ordering Information

Model Number*	Delivery Pressure Range	Delivery Pressure Gauge	Cylinder Pressure Gauge
1251-CGA	2-15 psig	0-30 psig	0-4000 psig
1252-CGA	4-50 psig	0-100 psig	0-4000 psig
1253-CGA	10-125 psig	0-200 psig	0-4000 psig
1254-CGA	20-250 psig	0-400 psig	0-4000 psig

*Note: 350, 580, 590 CGA only

Options

Model Number	Description
CON-0213-BO	1/4" Compression Tube Outlet Connection (Brass)
400V	Check Valve, 1/4" NPTF x 1/4" NPTF