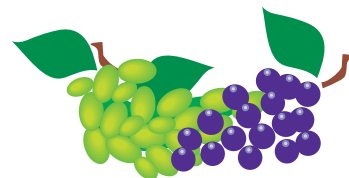




MATHESON

Specialty Products for the Wine Industry



Model 1250 Series Dual-Stage Brass Regulator

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

Applications

- Pressure transfer from barrels to tanks
- Pressure transfer for Sulfurous Acid Solution containers
- Gas blanketing and positive pressure systems
- Supply of carrier gas/detector support gas for gas chromatography applications
- 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
- 1/4" FNPT outlet connection
- One-piece encapsulated seat with (10μ) 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" FNPT
Porting (Regulator Body):	1/4" FNPT
Porting Configuration:	2 High, 2 Low, 1 Interstage
Shipping Weight:	6 lbs

Ordering Information

Part Number*	Delivery Pressure Range	Delivery Pressure Gauge	Cylinder Pressure Gauge
SEQ1251NVCGA	2-15 psig	0-30 psig	0-4000 psig
SEQ1252NVCGA	4-50 psig	0-100 psig	0-4000 psig
SEQ1253NVCGA	10-125 psig	0-200 psig	0-4000 psig
SEQ1254NVCGA	20-250 psig	0-400 psig	0-4000 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.



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