



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 (10 μ) internal filter to protect against contamination

Materials of Construction:

Gauges:	Chrome plated brass
Body:	Chrome plated forged brass
Bonnet:	Chrome plated zinc die cast (1st and 2nd stages)
Diaphragm:	First Stage – 302 stainless steel Second Stage – 302 stainless steel
Seats:	First Stage – PTFE Second Stage – PTFE
Seals:	PTFE

Specifications:

Maximum Inlet Pressure:	3000 psig (20,700 kPa)
Typical Max Flow (100 psi del. press.):	7 SCFM-N ₂
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	-30" Hg - 0 - 30 psi	0-4000 psig
SEQ1252NVCGA	4-50 psig	-30" Hg - 0 - 100 psi	0-4000 psig
SEQ1253NVCGA	10-125 psig	-30" Hg - 0 - 200 psi	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.*





Model 18 Series Single-Stage General Purpose Brass Regulator

General purpose regulators with rugged construction 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
- Applications with high duty cycle/demanding operating conditions

Design Features/Components:

- Forged brass body
- Neoprene diaphragm
- 2" inlet and delivery pressure gauges
- 1/4" FNPT outlet connection
- Porous metal filter to protect seat from contamination

Materials of Construction:

Gauges:	Brass, painted steel covers
Body:	Forged brass
Bonnet:	Chrome plated zinc die cast
Diaphragm:	Neoprene
Seat:	PTFE Teflon
Seals:	Neoprene

Specifications:

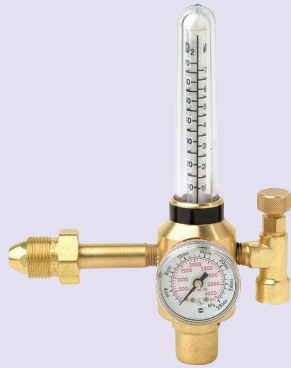
Maximum Inlet Pressure:	3000 psig (20,700 kPa)
Typical Max Flow (100 psi del. press.):	15 SCFM-N ₂ (420 SLPM)
Flow Capacity (Cv):	0.17
Operating Temperature:	-20°F to 140°F (-29°C to 60°C)
Porting (Regulator Body):	1/4" FNPT
Porting Configuration:	2 High, 2 Low
Shipping Weight:	4 lbs

Ordering Information

Part Number	Delivery Pressure Range	Delivery Pressure Gauge	Cylinder Pressure Gauge
SEQ18BNVCGA	0-15 psig	0-30 psig	0-4000 psig
SEQ18NVCGA	2-50 psig	0-60 psig	0-4000 psig
SEQ18LNVCGA	4-100 psig	0-150 psig	0-4000 psig
SEQ18HNVCGA	10-200 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.*





Model 200-1 Flowmeter Regulator

Applications:

- Flowmeter Regulator designed to give precise flow control for in-line sparging applications

Design Features/Components:

- Regulator is pre-set at 20 psig
- Construction incorporates regulator and flowmeter into one compact unit
- Flow tube and float are easily changed for different gases
- Sensitive needle valve for fingertip control
- One-piece encapsulated seat design, with an internal filter and PTFE Teflon seat
- Durable, easy-to-read flow tube and cover (0-100 scfh)
- Supply pressure gauge 4000 psig
- Conforms to CGA E-4 Standard for Gas Pressure Regulators

Ordering Information

Part Number	Model Number	Stage	Gauge	Gas	Inlet
SEQRFM2001BO	200-1	Single	2" Steel	Air, Nitrogen	CGA 580



Model M1-540-15FM Single-Stage Flowmeter Regulator

Applications:

- Flowmeter Regulator used for micro-oxygenation applications

Design Features/Components:

- Chrome-plated brass body with all brass high-pressure chamber
- Maximum rated inlet pressure 3000 psi
- Durable neoprene diaphragm
- Internal reseating relief valve protects against over-pressurization
- Sintered filter for additional safety and extended regulator life
- 2" diameter gauge
- Polycarbonate inner and outer tubes provide greater accuracy and durability

Ordering Information

Part Number	Model Number	Stage	Gauge	Gas	Inlet	Flow Range
WES M1-540-15FM	M1-540-15FM	Single	2" Chrome-plated Brass	Oxygen	CGA 540	1/2 - 15 LPM

