



MATHESON

Specialty Products for the Wine Industry



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 brass
Diaphragm:	Neoprene
Seat:	PTFE Teflon
Seals:	Neoprene

Specifications

Maximum Inlet Pressure:	3000 psig (20,700 kPa)
Maximum Flow Rate: (At 2000 psig, N ₂)	Model 18B: 900 CFH (425 LPM) Model 18: 2000 CFH (944 LPM) Model 18L: 4000 CFH (1890 LPM) Model 18H: 5000 CFH (2360 LPM)
Flow Capacity (Cv):	0.17 without outlet valve
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.



Scan for more information on MATHESON Wine products and services



MATHESON

ask... The Gas Professionals™

www.mathesongas.com • 800-823-2837