



# Model 3491 Economy Vacuum Line Regulator



**Description**  
Economical line regulator for vacuum applications.

- Applications**
- Point-of-use regulation of non-corrosive gases (1.8 psig – 1 mm Hg absolute)
  - Atmospheric chamber studies
  - Biological research
  - Environmental atmosphere studies

- Design Features/Components**
- Economical brass body
  - Butyl rubber diaphragm
  - 3-1/2" delivery pressure gauge
  - 1/4" NPTM inlet and outlet connections
  - Porous metal filter protects seat from contamination
  - Hose connections supplied as standard
  - Rear inlet with bottom outlet for easy installation

- Materials of Construction**
- Gauge: Chrome plated brass
  - Body: Brass
  - Diaphragm: Butyl rubber
  - Seat: Viton

- Specifications**
- Maximum Inlet Pressure: 120 psig\*
  - Operating Temperature: -20°F to 140°F (-30°C to 60°C)
  - Flow Capacity (Cv): 0.64
  - Shipping Weight: 5 lbs

\*Recommended minimum inlet pressure 20 psig to attain full delivery pressure range. Optimum inlet pressure 50 psig.  
Note: Hose connection for outlet supplied as standard.

### Ordering Information

Part Number	Delivery Pressure Range	Delivery Pressure Gauge
SEQ3491A	1.8 psig to 1 mm Hg abs.	760 mm Hg vac/0-5 psig

### Options

Part Number	Description
SEQ60053232	2 ft. Hose Assembly - to connect the inlet of the Model 3491 regulator to the outlet of a high pressure regulator (such as a Model 1L) when supply gas pressure exceeds 120 psig (828 kPa). Maximum pressure: 250 psig