



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		
Model Number	Delivery Pressure Range	Delivery Pressure Gauge
3491A	1.8 psig to 1 mm Hg abs.	760 mm Hg vac/0-5 psig

Options	
Model Number	Description
6005-3232	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