



Models 3494

High-Purity Absolute Pressure Line Stainless Steel Regulator



Description

High-purity stainless steel line regulator for absolute pressure applications.

Applications

- Corrosive or high purity absolute pressure applications (delivery pressure from sub-atmospheric to 15 psig).

Design Features/Components

- High-purity 316 stainless steel body
- 316 stainless steel diaphragm
- Metal to metal seals minimize diffusion of contaminants
- 2" delivery pressure gauge
- 1/4" compression tube inlet/outlet connection
- Porous metal filter protects seat from contamination
- Panel mountable
- Adjustable stop limits maximum delivery pressure

Materials of Construction

Body:	316L stainless steel
Seat:	Teflon
Remaining Components:	316 stainless steel & Elgiloy

Specifications

Gauge:	316 stainless steel
Inlet Pressure:	Atmospheric to 120 psig (828 kPa)
Outlet Pressure:	760 mm Hg vacuum to 15 psig (103 kPa)
Operating Temperature:	-40°F to 165°F (-40°C to 74°C)
Porting Configuration:	1 High, 2 Low
Max. Inboard Leakage:	2 x 10 ⁻⁸ cc/sec Helium
Flow Capacity (Cv):	0.24
Shipping Weight:	4 lbs

Ordering Information

Model Number	Delivery Pressure Range	Delivery Pressure Gauge
3494	28" Hg vac-0-15 psig 728 mm Hg vac-0-103 kPa	30" Hg vac-0-30 psig 100 kPa vac-0-200 kPa

Options

Model Number	Description
6042	1.5 ft Flex Hose Assembly - to connect inlet of the Model 3494 regulator to the outlet of a high pressure regulator when supply gas pressure exceeds 120 psig (828 kPa).