

**Model 9330 Series****ULTRA-LINE® Ultra High-Purity Stainless Steel Line Regulator with Tied Diaphragm****Design Features/Components**

- Tied seat design ensures regulator closure under extreme circumstances
- 2" delivery pressure gauge
- Autogeneous butt-welded connections
- Only one non-metallic component in the process stream
- Standard 10 Ra surface finish
- Sealed and ventable bonnet
- Helium leak tested to 1×10^{-9} scc/sec
- Assembled, tested and packaged in a Class 100 clean area
- Body screw thread tapped for back mounting

Materials of Construction

Gauge:	316 stainless steel
Body:	316L stainless steel
Bonnet:	Nickel plated brass
Diaphragm:	316 stainless steel
Seat:	Kel-F 81
Linkage:	316 stainless steel
Spring:	316 stainless steel
Seals:	Metal to metal

Specifications

Maximum Inlet Pressure:	300 psig (2070 kPa)
Maximum Flow Rate:	14 SCFM (400 SLPM)
(At 300 psig Inlet, N ₂)	
Flow Coefficient (Cv):	0.36
Operating Temperature:	-40°F to 160°F (-40°C to 71°C)
Porting:	1/4" VCR compatible 3/8" VCR compatible
Porting Configuration:	1 High, 2 Low
Shipping Weight:	5 lbs

Description

Ultra high-purity line regulators with a tied seat design for use with corrosive, toxic, or pyrophoric gases.

Applications

- Point of use regulation of gases used in semiconductor manufacturing, such as etchant or dopant gases.

Ordering Information

All of the Model 9330 Series are shipped double bagged under purified Argon. All gauges used are 100% Helium leak tested and have 1/4" VCR connections.

Model Number	Delivery Pressure Range	Delivery Pressure Gauge
316L Stainless Steel Regulators		
9332-3-V4FM	0-30 psig	30" vac-0-60 psig
9332-3-V4MM	0-30 psig	30" vac-0-60 psig
9332-3-V4FF	0-30 psig	30" vac-0-60 psig
9332-3-V6FM	0-30 psig	30" vac-0-60 psig
9332-3-V6MM	0-30 psig	30" vac-0-60 psig
9332-3-V6FF	0-30 psig	30" vac-0-60 psig
9333-3-V4FM	0-100 psig	30" vac-0-200 psig
9333-3-V4MM	0-100 psig	30" vac-0-200 psig
9333-3-V4FF	0-100 psig	30" vac-0-200 psig
9333-3-V6FM	0-100 psig	30" vac-0-200 psig
9333-3-V6MM	0-100 psig	30" vac-0-200 psig
9333-3-V6FF	0-100 psig	30" vac-0-200 psig

Outlet F=Female

Inlet M=Male

4=1/4 VCR compatible

6=3/8 VCR compatible