Model 9330 Series
ULTRA-LINE® Ultra High-Purity Stainless Steel Line Regulator with Tied Diaphragm

**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.

**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 x 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, N2)
- Flow Coefficient (Cv): 0.36
- Operating Temperature: -40°F to 160°F (-40°C to 71°C)
- Porting: 1/4” VCR compatible
- Porting Configuration: 1 High, 2 Low
- Shipping Weight: 5 lbs

**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.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Delivery Pressure Range</th>
<th>Delivery Pressure Gauge</th>
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</thead>
<tbody>
<tr>
<td>SEQ93323V4FM</td>
<td>0-30 psig</td>
<td>30&quot; vac-0-60 psig</td>
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<tr>
<td>SEQ93323V4MM</td>
<td>0-30 psig</td>
<td>30&quot; vac-0-60 psig</td>
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<tr>
<td>SEQ93323V6MM</td>
<td>0-30 psig</td>
<td>30&quot; vac-0-60 psig</td>
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<tr>
<td>SEQ93323V6FF</td>
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<td>30&quot; vac-0-60 psig</td>
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<tr>
<td>SEQ93333V4FM</td>
<td>0-100 psig</td>
<td>30&quot; vac-0-200 psig</td>
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<td>SEQ93333V4MM</td>
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Outlet F=Female
Inlet M=Male
4=1/4 VCR compatible
6=3/8 VCR compatible

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