ControlAir’s family of stainless steel process control devices utilize corrosion resistant stainless steel to provide longer life in offshore and other harsh environments. All are designed for high-performance and accuracy while being in the most challenging environments.

Regulators provide accurate pressure regulation and quick response; offered as filter service, high flow capacity, low temperature and Autodrain. Our Volume Boosters offer high flow capacity and are designed to increase the stroking speed of control valves. The Lock-Up Relay is a reliable unit for fail in place applications of control valves when air supply drops below acceptable pressure levels.

**Features**

**Regulators, Filter Regulators and Filters**
- 316 Stainless Steel Construction
- NACE Compliant
- 1/4" and 1/2" NPT Ports
- Autodrain option
- Low temperature option
- High flow capacity

**Volume Boosters**
- 316 Stainless Steel Construction
- 3/4" or 1" NPT Porting
- Integral Adjustable bypass valve
- High flow capacity
- Soft valve seat design
- High temperature option

**Lock up Relay**
- 304 Stainless Steel Construction
- No leakage in lock-up position
- Two pressure ranges available
- Manual relief valve
Corrosion resistant, stainless steel construction for tough, offshore environments.

Stainless Steel Regulators, Filters, Filter Regulators

<table>
<thead>
<tr>
<th>TYPE 350SS</th>
<th>TYPE 360SS</th>
<th>TYPE 370SS</th>
<th>TYPE 380/390SS</th>
<th>TYPE 360</th>
<th>TYPE 6000</th>
<th>TYPE 6600</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output Ranges</td>
<td>0-30 psig (0.2 BAR)</td>
<td>0-40 psig (0.4 BAR)</td>
<td>0-100 psig (0.7 BAR)</td>
<td>0-150 psig (1.0 BAR)</td>
<td>0-125 psig (0.8 BAR)</td>
<td>0-150 psig (1.0 BAR)</td>
</tr>
<tr>
<td>Stainless Steel Regulators, Filters, Filter Regulators</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum Supply Pressure</td>
<td>290 psig (20.5 BAR)</td>
<td>290 psig (20.5 BAR)</td>
<td>150 psig (10.0 BAR)</td>
<td>290 psig (20.5 BAR)</td>
<td>150 psig (10.0 BAR)</td>
<td>150 psig (10.0 BAR)</td>
</tr>
<tr>
<td>Maximum Flow Coefficients (Cv)</td>
<td>1/4&quot; = 1.2</td>
<td>1/2&quot; = 3.3</td>
<td>1/4&quot; = 1.2</td>
<td>1/2&quot; = 3.3</td>
<td>1/4&quot; = 0.13</td>
<td>1/2&quot; - Forward: 6.6 / Exhaust: 5.8</td>
</tr>
<tr>
<td>Air Consumption</td>
<td>4 SCFH (0.24 m³/h)</td>
<td>4 SCFH (0.24 m³/h)</td>
<td>4 SCFH (0.24 m³/h)</td>
<td>4 SCFH (0.24 m³/h)</td>
<td>4 SCFH (0.24 m³/h)</td>
<td>4 SCFH (0.24 m³/h)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40° to 200°F (-40° to 93°C)</td>
<td>-40° to 200°F (-40° to 93°C)</td>
<td>-40° to 200°F (-40° to 93°C)</td>
<td>-40° to 200°F (-40° to 93°C)</td>
<td>-40° to 200°F (-40° to 93°C)</td>
<td>Standard: -40° to 180°F (-40° to 71°C)</td>
</tr>
<tr>
<td>Filter</td>
<td>25 micron optional</td>
<td>25 micron optional</td>
<td>25 micron optional</td>
<td>25 micron optional</td>
<td>40 micron</td>
<td>40 micron</td>
</tr>
<tr>
<td>Weight</td>
<td>1/4&quot; NPT: 2.2 lbs. (1.0 kg)</td>
<td>1/4&quot; NPT: 2.2 lbs. (1.0 kg)</td>
<td>1/2&quot; NPT: 3.6 lbs. (1.65 kg)</td>
<td>1/4&quot; NPT: 2.1 lbs. (0.95 kg)</td>
<td>1/2&quot; NPT: 2.6 lbs. (1.2 kg)</td>
<td>1/2&quot; NPT: 2.5 lbs. (1.4 kg)</td>
</tr>
<tr>
<td>Weight</td>
<td>3.25 lbs (1.5 kg)</td>
<td>11.7 lbs (5.3 kg)</td>
<td>11.7 lbs (5.3 kg)</td>
<td>15.0 lbs (6.80 kg)</td>
<td>15.0 lbs (6.80 kg)</td>
<td>15.0 lbs (6.80 kg)</td>
</tr>
<tr>
<td>Operating Media</td>
<td>Air, inert gas, sweet (natural) and sour gases</td>
<td>Air, inert gas, sweet (natural) and sour gases</td>
<td>Air, inert gas, sweet (natural) and sour gases</td>
<td>Air, inert gas, sweet (natural) and sour gases</td>
<td>Air, inert gas, sweet (natural) and sour gases</td>
<td>Air, inert gas, sweet (natural) and sour gases</td>
</tr>
<tr>
<td>Flow Capacity</td>
<td>1/4&quot; = 60 scfm</td>
<td>1/2&quot; = 160 scfm</td>
<td>1/4&quot; = 60 scfm</td>
<td>1/2&quot; = 160 scfm</td>
<td>1/4&quot; = 60 scfm</td>
<td>1/2&quot; = 160 scfm</td>
</tr>
<tr>
<td>Maximum Signal Pressure</td>
<td>150 psig (10.0 BAR)</td>
<td>150 psig (10.0 BAR)</td>
<td>150 psig (10.0 BAR)</td>
<td>150 psig (10.0 BAR)</td>
<td>150 psig (10.0 BAR)</td>
<td>150 psig (10.0 BAR)</td>
</tr>
<tr>
<td>Signal to Output Ratio</td>
<td>1:1</td>
<td>1:1</td>
<td>1:1</td>
<td>1:1</td>
<td>1:1</td>
<td>1:1</td>
</tr>
<tr>
<td>Deadband</td>
<td>Under 0.25 psig (0.017 bar)</td>
<td>Under 0.25 psig (0.017 bar)</td>
<td>Under 0.25 psig (0.017 bar)</td>
<td>Under 0.25 psig (0.017 bar)</td>
<td>Under 0.25 psig (0.017 bar)</td>
<td>Under 0.25 psig (0.017 bar)</td>
</tr>
</tbody>
</table>

Stainless Steel, High Pressure Regulator

Stainless Steel Volume Boosters

Stainless Steel Lock-up Air Relay

TYPE 250

| Maximum Supply Pressure | 125 psig (0.85 BAR) |
| Cut-off Pressure Range | 15-60 psig (1-4 BAR) |
| Operating Temperatures | 0° to 160°F (-18° to +71°C) |
| Porting | 1/4" NPT |
| Weight | 4 lbs (1.8 kg) |
ControlAir’s line of stainless steel process control devices are packed with features that make them ideal for off-shore applications.

Type 6600 Stainless Steel Volume Booster
- 316L Stainless Steel Construction
- ¾" or 1" NPT Porting
- Integral Adjustable Bypass Valve
- High Flow Capacity
- Soft Valve Seat Design
- High Temperature Operation
- Tapped High Output Exhaust Port
- 2 Gauge Ports - Optional
- IEC 65108 SIL 3 Compliant
- Low Temperature Option

Type 250 Lockup Air Relay
- Two Pressure Ranges Available
- Manual Relief Valve
- Corrosion-Resistant
- 304 Stainless Steel
- Mounting Bracket
- No Leakage in Lock-up Position

Type 350/360/370SS Stainless Steel Regulators, Filters, Filter Regulators
- 316 Stainless Steel Construction
- NACE MR-0175 Compliant
- ¼" and ½" NPT Ports
- Autodrain Option
- Low Temperature Option
- High Flow Capacity
- Tapped Exhaust Port
- Minimal Air Consumption

Type 6000 Stainless Steel Volume Booster
- Fast Response
- Adjustable Bypass Valve
- Soft Seat Sealing
- Corrosion and Wear Resistant
- Choice of Porting

Type 380/390SS Stainless Steel Filter Regulators
- 316L Stainless Steel Construction
- High Flow Capacity
- ¾" or 1" NPT Porting
- 2 Gauge Ports
- Automatic Drain Option

Type 250 Lockup Air Relay
- Two Pressure Ranges Available
- Manual Relief Valve
- Corrosion-Resistant
- 304 Stainless Steel
- Mounting Bracket
- No Leakage in Lock-up Position

Type 3600 High Pressure Regulator
- 316L Stainless Steel Construction
- NACE MR-0175 Compliant
- Choice of Three Output Pressures
- Choice of Three Output Ports
- Socket Head or Tee Handle Adjustment
- Replaceable Valve Seat
- High Maximum Inlet Pressure
- Non-Relieving Design