The Series A-169/A-170 Instrumentation Siphons protect pressure instruments in high temperature applications. Water held in the 180° coil prevents steam from contacting the instrument. Constructed in either carbon steel or 316 stainless steel, the instrumentation siphons can withstand high temperature, pressure, or resistance to corrosion. They are ideal for use with pressure gages and instrumentation where the process media temperature exceeds the rating of the instrument. The male NPT connection allows for easy installation and secure attachment.

**FEATURES/BENEFITS**
- Carbon steel construction
- MNPT connection allowing for easy installation
- Stainless steel construction

**APPLICATIONS**
- HVAC
- Industrial process

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**SERIES A-240/A-250**

**PERFORATED OR SPIRAL COOLING TOWERS**

Protect Instrumentation in High Temperature Applications

The Series A-240/A-250 Perforated or Spiral Cooling Towers protect pressure instruments during high temperature applications. Both the spiral and perforated styles are made with 316L SS, and are available with various process connections in NPT or BSPP style. Both Cooling Towers are ideal for use with pressure gages, switches, and transmitters where the process media temperature exceeds the rating of the instrument.

**FEATURES/BENEFITS**
- Stainless steel construction
- NPT or BSPP connections allowing for easy installation

**APPLICATIONS**
- HVAC
- Industrial Process

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**SPECIFICATIONS**

**SERIES A-169/A-170**

- **Service:** Compatible liquids and gases.
- **Wetted Materials:** Carbon steel or 316 SS (depending on model).
- **Pressure Limits:** See chart.
- **Temperature Limits:** See chart.
- **Weight:**
  - 1/4˝ NPT models: 8 oz (226.8g);
  - 1/2˝ NPT models: 25.6 oz (725.75 g).

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Process Connections</th>
<th>Material</th>
<th>Pressure Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-169-C</td>
<td>1/4˝ NPT male</td>
<td>Carbon steel SCH 80</td>
<td>500 psi @ 680°F</td>
</tr>
<tr>
<td>A-169-D</td>
<td>1/2˝ NPT male</td>
<td>Carbon steel SCH 80</td>
<td>500 psi @ 680°F</td>
</tr>
<tr>
<td>A-170</td>
<td>1/4˝ NPT male</td>
<td>316 SS SCH 80</td>
<td>2307 psi @ 200°F</td>
</tr>
<tr>
<td>A-170-A</td>
<td>1/4˝ NPT male</td>
<td>316 SS SCH 40</td>
<td>500 psi @ 680°F</td>
</tr>
<tr>
<td>A-170-B</td>
<td>1/2˝ NPT male</td>
<td>316 SS SCH 40</td>
<td>500 psi @ 680°F</td>
</tr>
</tbody>
</table>

*Model A-170 is not RoHS certified.

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**SERIES A-240/A-250**

- **Service:** Compatible liquids and gases.
- **Wetted Parts:** 316L SS.
- **Temperature Limits:** 428°F (220°C).
- **Pressure Limits:** 5800 psi (400 bar).
- **Process Connections:** See chart.
- **Height:** 6˝ (150 mm).
- **Weight:** 8 oz (227 g).

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Style</th>
<th>Connections</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-240-A</td>
<td>Perforated</td>
<td>1/4˝ male/female NPT</td>
</tr>
<tr>
<td>A-240-C</td>
<td>Perforated</td>
<td>1/2˝ male/female NPT</td>
</tr>
<tr>
<td>A-250-D</td>
<td>Spiral</td>
<td>1/4˝ male/female BSPP</td>
</tr>
</tbody>
</table>