**Model Numbers**

<table>
<thead>
<tr>
<th>Models</th>
<th>Pipe sizes</th>
<th>Inlets</th>
<th>Outlets</th>
</tr>
</thead>
<tbody>
<tr>
<td>7-900A*</td>
<td>1 1/2&quot; (38mm)</td>
<td>1 1/2&quot; (38mm)</td>
<td></td>
</tr>
<tr>
<td>7-1000A*</td>
<td>1 1/2&quot; (38mm)</td>
<td>2&quot; (51mm)</td>
<td></td>
</tr>
<tr>
<td>7-200A*</td>
<td>3/4&quot; (19mm)</td>
<td>3/4&quot; (19mm)</td>
<td></td>
</tr>
</tbody>
</table>

*The 7 Series model numbers above replace the 6 Series.*

**Warranty**

- **Limited Lifetime** - to the original end purchaser in consumer/residential installations.
- **10 Years** - for commercial/industrial installations. Refer to www.symmons.com/warranty for complete warranty information.

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**Feature Highlights**

- TempControl thermostatic controller
  - Check stops
  - Removable/replaceable cartridge
  - Stainless steel piston
  - Thermal motor with Turbulator™
- Volume control shut-off valve
- Bimetal dial thermometer
  - Range 20°-240°F (-7°-116°C)
  - 3 inch (76 mm) face
- Standard brass pipes, fittings and unions
- Standard rough bronze finish

**TempControl valves are certified to:**

- ASME A112.18.1/CSA B125.1
- CSA B125.3
- ASSE 1017
- CA 116785 (AB 1953)
- NSF 372
- US S.3874

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**Options / Modifications**

Append appropriate -suffix to model number

- **-ASB** Factory assembled and tested (with type L copper tubing)
- **-V** Vacuum breaker (not shown)
- **-W** Wall mounting bracket

**Note:** Standard valve and piping finish is rough bronze, brass or copper. Factory assembled and tested units are available in rough bronze, satin spray and satin spray with polished highlight finish with type L copper tubing.

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**Finish Options / Modifications**

Append appropriate -suffix to model number

- **-NI** Rough nickel finish
- **-P** Valves and piping with a polished chrome highlight finish

**Note:** Finish options cannot be used in conjunction with suffix ASB.

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**Compliance**

- Buy American Act Compliant
Dimensions  TempControl Mixing Valve, 7-900A and 7-1000A

Physical Dimensions

<table>
<thead>
<tr>
<th>Model No.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>7-900A</td>
<td>22 3/4&quot;</td>
<td>2 11/16&quot;</td>
<td>11 1/2&quot;</td>
<td>2 9/16&quot;</td>
<td>2 9/16&quot;</td>
<td>11 3/8&quot;</td>
</tr>
<tr>
<td></td>
<td>(578mm)</td>
<td>(68mm)</td>
<td>(296mm)</td>
<td>(65mm)</td>
<td>(65mm)</td>
<td>(289mm)</td>
</tr>
<tr>
<td>7-1000A</td>
<td>22 3/4&quot;</td>
<td>2 11/16&quot;</td>
<td>11 1/2&quot;</td>
<td>2 9/16&quot;</td>
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<td>(65mm)</td>
<td>(289mm)</td>
</tr>
</tbody>
</table>

Flow Rate - gpm (L/min)

<table>
<thead>
<tr>
<th>Valve Model</th>
<th>Min. Flow Rate*</th>
<th>Min. Flow Rate (per ASSE 1017)</th>
<th>Pressure Differential - psi (kPa)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>5 psi</td>
</tr>
<tr>
<td>7-900A</td>
<td>0.5 gpm (1.9 L/min)</td>
<td>13 gpm (49 L/min)</td>
<td>30 gpm (114 L/min)</td>
</tr>
<tr>
<td>7-1000A</td>
<td>0.5 gpm (1.9 L/min)</td>
<td>13 gpm (49 L/min)</td>
<td>38 gpm (144 L/min)</td>
</tr>
<tr>
<td>7-200A</td>
<td>0.5 gpm (1.9 L/min)</td>
<td>5 gpm (19 L/min)</td>
<td>7 gpm (27 L/min)</td>
</tr>
</tbody>
</table>

*Minimum flow rate when valve is installed at or near the hot water source with recirculated tempered water and continuously operating circulating pump.
Dimensions TempControl Mixing Valve, 7-200A

- 3/4" IPS
- Close
- 7 1/4"
- 1 3/4"
- 4 3/16"
- 1 1/4"
- 9 3/4"
- 3/4" Copper