Model P6900-TMV-1
Aqua-Gard Thermostatic Mixing Valve

APPLICATION
Ideal for use where lead free* valves are required. The Zurn Model P6900-TMV-1 Thermostatic mixing valve is designed to be installed at the point of use under sinks and sensor faucets to assist in the prevention of scalding. The valve’s rapid response and precise temperature control meet the stringent standards of ASSE 1070 listed for fixtures, sinks, lavatories or bathtubs. The P6900-TMV-1 will mix hot and cold water from the distribution system to a final safer temperature outlet range of 95-115°F (35-46°C). The 3/8” compression fittings make this valve ideal for residential and commercial applications.

STANDARDS COMPLIANCE
• ASSE® Listed 1070
• CSA® Certified
• NSF® Listed-Standard 61, Section 9, Annex G

LEAD PLUMBING LAW COMPLIANCE
*(0.25% MAX. WEIGHTED AVERAGE LEAD CONTENT)
• Lead Plumbing Law Certified by IAPMO R&T
• Annex G Certified by NSF International

MATERIALS
Body
Bronze, JIS H5120
CAC902 w/Chrome Plating
ASTM B 456 Service Condition #2
Internal Brass
ASTM B 927 UNS C27450
Piston
Polysufone
Guide Tube
Noryl GFN2
Spring
300 Series Stainless Steel
Seals
Viton
Checks
Acetal Co-Polymer

FEATURES
Sizes: □ 3/8”
Chrome Plated
Outlet Temp. Range
95-115°F (35-46°C)
Temperature Hot Supply
120-195°F max.
(49-90.5°C)
Temperature Cold Supply
40-75°F (4.4-23.8°C)
Set Temperature Accuracy
+/- 3°F (1.78°C)
Max. Working Pressure (inlet)
145 psi
Temperature must be field set
Max. Pressure Differential is 15 psi between Hot & Cold inlets
Flow rate @ 45 psi pressure loss
3.10 gpm
Min. Flow Rate
0.5 gpm
Integral check valves and strainer screen on hot and cold supply

DIMENSIONS & WEIGHTS (do not include pkg.)

<table>
<thead>
<tr>
<th>SIZE</th>
<th>MODEL</th>
<th>DIMENSIONS (approximate)</th>
<th>WEIGHT</th>
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<tbody>
<tr>
<td>in. mm</td>
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<td>in. mm</td>
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<tr>
<td>3/8 9.5 P6900-TMV-1</td>
<td>4 27/32</td>
<td>123</td>
<td>4 3/16</td>
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PIPING INSTRUCTIONS
The device is designed to be installed at a single outlet. It may be used to supply individual outlets when there is sufficient supply pressure. It is suggested to use ball valves on the hot and cold inlet supplies.

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AquaSense® is a registered trademark of Zurn Industries, LLC.

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