Submittal Data Information
Multi-Volt Zone Sentry®

Effective: October 25, 2017
Supersedes: May 30, 2016

Job: ____________________  Engineer: ____________________  Contractor: ____________________  Rep: ____________________

ITEM NO.  MODEL NO.

Product Specifications
Max. Operating Pressure: 300 PSI (2100 kPa)
Max. Shutoff Pressure: 125 PSI (875 kPa)
Max. Ambient Temp.: 150°F
Fluid Temp. Range: 20-220°F (-7°C-104°C)
Service: Closed systems
Optional open system configuration available
Water/Water and glycol up to 50%
Seat Leakage: Drop-Tight Close-Off
Electrical Rating: 120 VAC to 277VAC, 1Ph, 50/60Hz
Power Consumption: 4 Watts
Power Consumption: 1.5 Watts
Max. Duty Cycle: 1 Cycle/Minute

Materials of Construction
Actuator:
Body: High Performance Engineered Polymer
Gears: High Performance Internally Lubricated Engineered Polymer

Valve:
Body: Forged Brass
Stem: Brass
Press Ring: Brass
Ball: Brass (Chrome Plated)
Seat: Modified Teflon® O-Rings: EPDM

NOTE: The Multi-Volt actuator is available on all versions of Zone Sentry

Application:
One valve takes the place of many. The Multi-Volt Zone Sentry will accept input voltages between 120 and 277VAC 50/60HZ. The Multi-Volt Zone Sentry valve is designed for use in hydronic HVAC systems, primarily in fan coils and air handlers or other HVAC systems where a quality line voltage zone valve is required. The Multi-Volt Zone Sentry can be installed in both heating and cooling applications and is available in a normally closed or normally open configuration.

For Indoor Use Only

Multi-Volt Zone Sentry® Dimensions: (FOR REFERENCE PURPOSES)

<table>
<thead>
<tr>
<th>Valve Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E (Sweat)</th>
<th>E (Threaded)</th>
<th>F</th>
<th>G</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>in.</td>
<td>mm</td>
<td>in.</td>
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<td>in.</td>
<td>mm</td>
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<tr>
<td>1/2&quot;</td>
<td>2-5/8&quot;</td>
<td>66.6</td>
<td>2-3/8&quot;</td>
<td>60.3</td>
<td>4-7/8&quot;</td>
<td>123.8</td>
<td>3-3/4&quot;</td>
<td>95.3</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>2-5/8&quot;</td>
<td>66.6</td>
<td>2-3/8&quot;</td>
<td>60.3</td>
<td>5&quot;</td>
<td>127</td>
<td>3-7/8&quot;</td>
<td>99.4</td>
</tr>
<tr>
<td>1&quot;</td>
<td>2-5/8&quot;</td>
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<td>127</td>
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<td>99.4</td>
</tr>
</tbody>
</table>

NPT Models Normally Closed
2-Way Sweat Models Normally Closed
NPT Models 3-Way Sweat Models

Valve Size | 2-Way Cv (In) / Ft of Pipe Equiv. | 3-Way Cv (In) / Ft of Pipe Equiv.
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>1/2&quot;</td>
<td>0.9 (1.6) / 0.6</td>
<td>1.5 (1.20) / 0.9</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>1.0 (1.6) / 0.6</td>
<td>1.5 (1.20) / 0.9</td>
</tr>
<tr>
<td>1&quot;</td>
<td>1.0 (1.6) / 0.6</td>
<td>1.5 (1.20) / 0.9</td>
</tr>
</tbody>
</table>

Consult factory for additional model numbers
*At 4’ per second  (Max. recommended residential flow rate)

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A Taco Family Company

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