Application:
The Taco Potable Water Zone Sentry zone valve is available in a 2-way sweat configuration with either a normally open or normally closed actuator. Some typical installations would include a combination domestic water and hydronic heating system, culinary installation or water shut off to a potable system.

Product Specifications

Max. Operating Pressure: 300 PSI (2100 kPa)
Max. Shutoff Pressure: 125 PSI (875 kPa)
Fluid Temp. Range: 33-220°F (1-104°C)
Service: Potable Water
Ball Rotation Speed: (90° turn), Approx. 5 seconds (After charge time)
Electrical Rating: 24 VAC, 60Hz, 0.48 Amps
Power Consumption: 1.44W, 0.06 Amps (Charging)
End Switch Rating: 1 Amp @ 24 VAC

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: Viton

Potable Water Zone Sentry® Dimensions: (For Reference Purposes)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Valve Type</th>
<th>Valve Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
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<tbody>
<tr>
<td>V050C2D2A0D04A1</td>
<td>2-way Sweat</td>
<td>1/2&quot;</td>
<td>76.2</td>
<td>2.375&quot;</td>
<td>60.3</td>
<td>4.125&quot;</td>
<td>104.7</td>
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<td>3/4&quot;</td>
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For Indoor Use Only

For 4 per second (Max. recommended residential flow rate)

Valve Size | Cf (ks) / Ft. of Pipe Equiv.** | Close-Off Pressure (kPa)
------------|-------------------------------|------------------
1/2"        | 4.9 (4.8) / 9.5              | 0-125 psi (0-862 kPa)
3/4"        | 10.3 (8.9) / 8.4             | 0-125 psi (0-862 kPa)

**At 4 per second (Max. recommended residential flow rate)