## Construction

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Tank Volume (Gal/Lit)</th>
<th>Max. Acceptance Factor</th>
<th>A Tank Diameter (in/mm)</th>
<th>B Tank Height (in/mm)</th>
<th>System Connection (NPTM)</th>
<th>Shipping Weight (Lbs/Kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST-5</td>
<td>2.0/8</td>
<td>.45</td>
<td>8/203</td>
<td>13/330</td>
<td>¼</td>
<td>5/2.3</td>
</tr>
<tr>
<td>ST-8</td>
<td>3.2/12</td>
<td>.59</td>
<td>9/229</td>
<td>15/381</td>
<td>¾</td>
<td>7/3.3</td>
</tr>
<tr>
<td>ST-12</td>
<td>4.4/17</td>
<td>.73</td>
<td>11/279</td>
<td>15/381</td>
<td>¾</td>
<td>9/4.1</td>
</tr>
</tbody>
</table>

Shell: Steel  
Diaphragm: Heavy Duty Butyl NSF/ANSI 61  
Liner: Antimicrobial Polypropylene  
System Connection: Stainless Steel  
Finish: Urethane Topcoat  
Water Circulator: Turbulator™  
Air Valve: Projection Welded with InSight™ Indicator Cap (In-Line Models Only)  
Factory Precharge: In-line Models 50 PSIG (3.5 bar)  
Stand Models 40 PSIG (2.8 bar)

## Application
- For use in closed, potable hot water systems to control pressure buildup.
- Accepts expanded water as temperature rises to prevent relief valve discharge and system damage.
- Stand models designed for large residential and light commercial applications.
- Multiple units can be installed to accommodate larger systems.
- In-line models feature patent-pending InSight™ Indicator Cap that changes color to indicate tank service.

## Performance

- Maximum Operating Temperature: 200°F (93°C)
- Maximum Working Pressure: 150 PSIG (10.3 bar)
- Warranty:
  - ST-5 through ST-12: 7-Year Limited
  - ST-25V through ST-210V: 1-Year Limited

## In-Line Models

### ST-5
- Tank Volume: 2.0 Gal/8 Lit
- Max. Acceptance Factor: .45
- A Tank Diameter: 8 in/203 mm
- B Tank Height: 13 in/330 mm
- System Connection: ¼ in
- Shipping Weight: 5 Lbs/2.3 Kg

### ST-8
- Tank Volume: 3.2 Gal/12 Lit
- Max. Acceptance Factor: .59
- A Tank Diameter: 9 in/229 mm
- B Tank Height: 15 in/381 mm
- System Connection: ¾ in
- Shipping Weight: 7 Lbs/3.3 Kg

### ST-12
- Tank Volume: 4.4 Gal/17 Lit
- Max. Acceptance Factor: .73
- A Tank Diameter: 11 in/279 mm
- B Tank Height: 15 in/381 mm
- System Connection: ¾ in
- Shipping Weight: 9 Lbs/4.1 Kg

## Stand Models

### ST-25V
- Tank Volume: 10.3 Gal/39 Lit
- Max. Acceptance Factor: 1.00
- A Tank Diameter: 15 in/381 mm
- B Tank Height: 19 in/483 mm
- System Connection: ¼ in
- Shipping Weight: 23 Lbs/10 Kg

### ST-30V
- Tank Volume: 14.0 Gal/53 Lit
- Max. Acceptance Factor: .81
- A Tank Diameter: 15 in/381 mm
- B Tank Height: 24 in/610 mm
- System Connection: ¾ in
- Shipping Weight: 25 Lbs/11 Kg

### ST-210V
- Tank Volume: 86.0 Gal/326 Lit
- Max. Acceptance Factor: 0.54
- A Tank Diameter: 26 in/660 mm
- B Tank Height: 47 in/1194 mm
- System Connection: 1¼ in
- Shipping Weight: 123 Lbs/56 Kg

All dimensions and weights are approximate.

### Table

<table>
<thead>
<tr>
<th>Job Name</th>
<th>Engineer</th>
<th>Contractor</th>
<th>P.O. No.</th>
<th>Sales Rep.</th>
<th>Model No.</th>
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Notes: 

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