Model 975XL2
Reduced Pressure Principle Assembly

Application
Ideal for use where Lead-Free* valves are required. Designed for installation on potable water lines to protect against both backsiphonage and backpressure of contaminated water into the potable water supply. Assembly shall provide protection where a potential health hazard exists.

Standards Compliance
- ASSE® Listed 1013
- IAPMO® Listed
- CSA® Certified B64.4
- AWWA Compliant C511
- Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California
- Meets the requirements of NSF/ANSI 61*
  *(0.25% MAX. WEIGHTED AVERAGE LEAD CONTENT)
- UL® Classified (less shut-off valves or with OS&Y valves)
- C-UL® Classified

Materials
Main valve body Low Lead Cast Bronze ASTM B 584
Access covers Low Lead Cast Bronze ASTM B 584
Fasteners Stainless Steel, 300 Series
Elastomers Silicone (FDA Approved)
Polymers Buna Nitrile (FDA Approved)
Springs Stainless Steel, 300 series
Ball valve handles Stainless Steel

Features
Sizes: 3/4", 1", 1-1/4", 1-1/2", 2"
Maximum working water pressure 175 PSI
Maximum working water temperature 180°F
Hydrostatic test pressure 350 PSI
End connections Threaded ANSI B1.20.1

Relief Valve discharge port:
3/4" - 1" - 0.63 sq. in.
1 1/4" - 2" - 1.19 sq. in.

Options
(Suffixes can be combined)

- with full port QT ball valves (standard)
- with bronze "Y" type strainer
- with integral male 45° flare SAE test fitting
- with test cocks up
- with street elbows (3/4" & 1")
- with union ball valves

Accessories
- Air gap (Model AG)
- Repair kits (rubber only)
- Thermal expansion tank (Mdl. XT)
- Soft seated check valve (Model 40XL2)
- Shock arrester (Model 1260XL)
- QT-SET Quick Test Fitting Set
- Ball valve handle locks
- Test Cock Lock (Model TCL24)

Dimensions & Weights (do not include pkg.)

<table>
<thead>
<tr>
<th>MODEL SIZE</th>
<th>DIMENSIONS (approximate)</th>
<th>WITH BALL VALVES</th>
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<tbody>
<tr>
<td></td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>3/4</td>
<td>20</td>
<td>12</td>
</tr>
<tr>
<td>1</td>
<td>25</td>
<td>13</td>
</tr>
<tr>
<td>1 1/4</td>
<td>32</td>
<td>17</td>
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<tr>
<td>1 1/2</td>
<td>40</td>
<td>17 3/8</td>
</tr>
<tr>
<td>2</td>
<td>50</td>
<td>18 1/2</td>
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Rev. G
Date: 2/19
Document No. BF-975XL2(LG)
Product No. Model 975XL2(LG)
### Flow Characteristics

**Rated Flow (established by approval agencies)**

#### Flow Characteristics

**Typical Installation**

Local codes shall govern installation requirements. To be installed in accordance with the manufacturers' instructions and the latest edition of the Uniform Plumbing Code. Unless otherwise specified, the assembly shall be mounted at a minimum of 12" (305mm) and a maximum of 30" (762mm) above adequate drains with sufficient side clearance for testing and maintenance. The installation shall be made so that no part of the unit can be submerged.

#### Specifications

The Reduced Pressure Principle Backflow Preventer shall be certified to NSF/ANSI 61 shall be ASSE® Listed 1013, rated to 180°F, and supplied with full port ball valves. The main body and access covers shall be low lead bronze (ASTM B 584), the seat ring and all internal polymers shall be Noryl™ and the seat disc elastomers shall be silicone. The first and second checks shall be accessible for maintenance without removing the relief valve or the entire device from the line. If installed indoors, the installation shall be supplied with an air gap adapter and integral monitor switch. The Reduced Pressure Principle Backflow Preventer shall be a ZURN WILKINS Model 975XL2.