Model 975
Reduced Pressure Principle Backflow Prevention Assembly

SPECIFICATION SUBMITTAL SHEET

FEATURES
Sizes: 2½"  3"  4"  6"  8"  10"

- Maximum working water pressure 175 psi
- Maximum working water temperature 140° F
- End connections flanged ANSI B16.1 Class 125

OPTIONS
(Suffixes can be combined)
- with NRS gate valves (standard)
- with grooved by flanged NRS gate valves
- less shut-off valves
- with OS & Y gate valves
- with grooved by flanged OS & Y gate valves
- with cast iron "Y" type flanged strainer
- with cast iron "Y" type flanged strainer, fusion epoxy coated, inside and out
- with integral battery-operated relief valve monitor switch
- with integral relief valve monitor switch

APPLICATION
Designed for installation on potable water lines to protect against both backsiphonage and backpressure of contaminated water into the potable water supply. The Model 975 provides protection where a potential health hazard exists.

STANDARDS COMPLIANCE
- ASSE® Listed 1013
- IAPMO® Listed
- CSA® Certified
- UL® Classified
- C-UL® Classified
- FM® Approved
- AWWA Compliant C511
- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California

MATERIALS
- Main valve body Cast iron, ASTM A 126 Class B
- Acess covers Cast iron, ASTM A 126 Class B
- Coatings Fusion epoxy finish (FDA approved)
- Internals Stainless steel, 300 Series
- Cast bronze, ASTM B 584
- Elastomers EPDM (FDA approved)
- Buna nitrile (FDA approved)
- Polymers Acetal (Delrin™), NSF® Listed
- Springs Stainless steel, 300 Series

ACCESSORIES
- Repair kit (rubber only)
- Air gap (Model AG)
- Water thermal expansion tank (Model WXTP)

DIMENSIONS & WEIGHTS (do not include pkg.)

<table>
<thead>
<tr>
<th>MODEL SIZE</th>
<th>A</th>
<th>B WITHOUT GATE VALVES</th>
<th>C</th>
<th>D</th>
<th>E OS&amp;Y GATE VALVE OPEN</th>
<th>E OS&amp;Y GATE VALVE CLOSED</th>
<th>E NRS GATE VALVE</th>
<th>F</th>
<th>G</th>
<th>WITHOUT GATE VALVES</th>
<th>WITH NRS GATE VALVES</th>
<th>WITH OS&amp;Y GATE VALVES</th>
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<tbody>
<tr>
<td>in. mm</td>
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<td>in. mm</td>
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<td>in. mm</td>
<td>in. mm</td>
<td>in. mm</td>
<td>in. mm</td>
<td>lbs.</td>
<td>kg.</td>
<td>lbs.</td>
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<td>37 1/8 943</td>
<td>22 559</td>
<td>4 102</td>
<td>10 254</td>
<td>16 3/8 416</td>
<td>13 7/8 362</td>
<td>11 3/8 289</td>
<td>8 3/8 213</td>
<td>16 406</td>
<td>91 41.3</td>
<td>93 193</td>
<td>87.6 201</td>
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<tr>
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<td>91 41.3</td>
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<td>91.3 201</td>
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<td>23 3/4 603</td>
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TYPICAL INSTALLATION

Local codes shall govern installation requirements. Unless otherwise specified, the assembly shall be mounted in accordance with the manufacturers’ instructions and the latest edition of the Uniform Plumbing Code. Assembly shall be installed with adequate drain and sufficient side clearance for testing and maintenance. The installation shall be made so that no part of the unit can be submerged or where relief valve discharge could cause damage.

SPECIFICATIONS

The Reduced Pressure Principle Backflow Prevention Assembly shall be ASSE® 1013 Listed and supplied with full port gate valves. The main body and access covers shall be epoxy coated cast iron (ASTM A 126 Class B), the seat and check valve shall be cast bronze (ASTM B 584), the stem shall be stainless steel (ASTM A 276) and the seat disc elastomers shall be EPDM (FDA approved). 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 relief valve monitor switch. The Reduced Pressure Principle Backflow Prevention Assembly shall be a WILKINS Model 975.