**Model 375A**

**Reduced Pressure Principle Assembly**

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**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 375A provides protection where a potential health hazard exists. Ideal for use where Lead-Free* valves are required.

**Standards Compliance**

- ASSE® Listed 1013
- AWWA Compliant C511 (with gates only), and C550
- IAPMO® Listed
- CSA® Certified
- UL® Classified
- C-UL® Classified
- FM® Approved
- Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California.
- NYC MEA 484-04-M
- Meets the requirements of NSF/ANSI 61* *(0.25% MAX. WEIGHTED AVERAGE LEAD CONTENT)*

**Materials**

| Main valve body | Ductile Iron ASTM A 536 |
| Access covers | Ductile Iron ASTM A 536 |
| Coatings | NSF® Approved electrostatic epoxy finish Internals |
| | Stainless Steel, 300 Series |
| Fasteners & Springs | Stainless Steel, 300 Series |
| Seal rings | EPDM (FDA approved) |
| O-rings | Buna Nitrile (FDA approved) |
| Sensing line | Stainless Steel, braided hose |

**Features**

- **Sizes:** 2 1/2", 3", 4", 6", 8", 10"*
- **Maximum working water pressure:** 175 PSI
- **Maximum working water temperature:** 140°F
- **Hydrostatic test pressure:** 350 PSI
- **End connections (Grooved for steel pipe):** AWWA C606 (Flanged)
- **Class 125 Standards Compliance:**
  - *Meets the requirements of NSF/ANSI 61*
  - *NYC MEA 484-04-M*
  - *California.

**Options (Suffixes can be combined)**

- □ FSC - with flanged end NRS gate valves (standard)
- □ G - with epoxy coated wye type strainer (flanged only)
- □ GF - with grooved end NRS gate valves
- □ FG - with grooved inlet gate connection and flanged outlet gate connection
- □ L - less shut-off valves (grooved body connections)
- □ MS - with Integral Relief Valve Monitor Switch
- □ OSY - with flanged end OS&Y gate valves
- □ OSYG - with grooved end OS&Y gate valves
- □ PI - with Post Indicator gate valve
- □ BG - with grooved end butterfly valves with integral supervisory switches
- □ BF - with flanged end butterfly valves with integral supervisory switches
- □ ~509 - with AWWA C509 gate valves

**Accessories**

- □ Repair kit (rubber only)
- □ Thermal expansion tank (Model XT)
- □ OS & Y Gate valve tamper switch (OSY-40)
- □ Air gap (Model AG)
- □ Electronic Solenoid Timer (Model EST)
- □ QT-SET Quick Test Fitting Set

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**Dimensions & Weights (do not include pkg.)**

### MODEL 375A SIZE

<table>
<thead>
<tr>
<th>WEIGHT</th>
<th>WITH GATES</th>
<th>WITH NRS GATES (GXF)</th>
<th>WITH OS&amp;Y GATES (GXY)</th>
<th>WITH NRS GATES (GXY)</th>
<th>WITH BUTTERFLY VALVES (GXF)</th>
<th>WITH BUTTERFLY VALVES (GXY)</th>
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<td>lbs.</td>
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*2 1/2 & 3" sizes use 4" body & reducer couplings

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**Relief Valve discharge port:** 2 1/2" - 6" - 2.75 sq. in. 8" - 10" - 3.69 sq. in.

Attention: Model 375A (grooved body) and Model 375 (flange body) have different lay lengths.

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**Zurn Industries, LLC | Wilkins**

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In Canada | Zurn Industries Limited
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Flow Characteristics

Rated Flow (established by approval agencies)

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Typical Installation
Local codes shall govern installation requirements. 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 Prevention Assembly shall be certified to NSF/ANSI 61, ASSE® Listed 1013, and supplied with full port gate valves. The main body and access cover shall be epoxy coated ductile iron (ASTM A 536), the seat ring and check valve shall be NORYL™, the stem shall be stainless steel (ASTM A 276) and the seat disc elastomers shall be EPDM. The checks and the relief valve shall be accessible for maintenance without removing the device from the line. The Reduced Pressure Principle Backflow Prevention Assembly shall be a ZURN WILKINS Model 375A.