Model 475/475V
Reduced Pressure Principle Assembly

Application
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. The Model 475 is for applications requiring vertical flow up and vertical flow down. The Model 475V is for applications requiring vertical flow up. Ideal for use where lead-free* valves are required.

Standards Compliance
- ASSE® Listed 1013
- AWWA Compliant C511, and C550
- CSA® Certified
- IAPMO® Listed
- UL® Classified
- C-UL® Classified
- FM® Approved
- C-UL® Classified
- CSA® Certified

Features
- UL® Classified
- Sensing line Stainless steel, braided hose
- Springs Stainless steel, 300 series

Materials
- Main valve body: Ductile Iron ASTM A 536 Grade 4
- Access covers: Ductile Iron ASTM A 536 Grade 4
- Coatings: FDA Approved fusion epoxy finish
- Internals: Stainless steel, 300 Series
- Fasteners: Stainless Steel, 300 Series
- Elastomers: EPDM (FDA approved)
- Buna Nitrile (FDA approved)
- Polymers: NORYL™, NSF Listed
- Springs: Stainless steel, 300 series

Specifications
- Sensing line: Stainless steel, braided hose
- Fasteners: Stainless Steel, 300 Series

Dimensions & Weights (do not include pkg.)

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<th>Model 475V Sizes</th>
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Options
(Suffixes can be combined)
- FSC - with epoxy coated wye type strainer (flanged only)
- G - with groove end connections
- FG - with flanged inlet connection and grooved outlet connection
- L - less shut-off valves (flanged body connections)
- OSY - with OS & Y gate valves
- MS - with Integral Relief Valve Monitor Switch
- V - vertical flow up configuration
- BG - with grooved end butterfly valves

Accessories
- Repair kit (rubber only)
- Thermal expansion tank (Model XT)
- Gate valve tamper switch (OSY-40)
- Air gap (Use Model AG-6)
- QT-SET Quick Test Fitting Set
- Electronic Solenoid Timer (Model EST)

Options
- with NRS shut-off valves (standard)
- with epoxy coated wye type strainer (flanged only)
- with groove end connections
- with flanged inlet connection and grooved outlet connection
- less shut-off valves (flanged body connections)
- with OS & Y gate valves
- with Integral Relief Valve Monitor Switch
- vertical flow up configuration
- with grooved end butterfly valves with integral supervisory switches

Dimensions

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<td>Product No.  Model 475-475V</td>
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<td>Patent No. 5,913,331</td>
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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 ASSE® Listed 1013, and supplied with full port gate valves. The main body and access covers shall be epoxy coated ductile iron (ASTM A 536 Grade 4), 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. Center stem guided design shall incorporate two torsion springs to bias the check in the closed position. 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. The Reduced Pressure Principle Backflow Preventer shall be a ZURN WILKINS Model 475 or 475V.