Model 375DA
Reduced Pressure Detector Assembly

Application
Designed for installation on water lines in fire protection systems to protect against both backsiphonage and back-pressure of contaminated water into the potable water supply. The Model 375DA shall provide protection where a potential health hazard exists. Incorporates metered by-pass to detect leaks and unauthorized water use.

Standards Compliance
(Unless otherwise noted, applies to sizes 2 1/2" thru 10")
- ASSE® Listed 1047
- UL® Classified
- AWWA Compliant C550
- CSA® Certified B64.4 (4" & 6")
- C-UL® Classified
- FM® Approved
- NYC MEA 218-01-M VOL 3
- 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

By-Pass Backflow Assembly 3/4" Model 975XLD

Materials
Main valve body: Ductile Iron ASTM A 536
Access covers: Ductile Iron ASTM A 536
Valve body: Stainless steel, 300 Series
Internals: NORYL™
Fasteners: Stainless Steel, 300 Series
Elastomers: EPDM (FDA approved)
Springs: Stainless steel, 300 Series
Polymers: Buna Nitrile (FDA approved)
Elastomers: EPDM (FDA approved)
Fasteners: Stainless Steel, 300 Series
Internals: Stainless steel, 300 series
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) ANSI B16.1
Flanged ANSI B606
G - with groove end gate valves
PI - with Post Indicator Gate Valve
LM - less water meter
CFM - with cu ft/min meter
W - with water meter
BG - with grooved end butterfly valves with integral monitor switches (2 1/2" - 10")

Options
(Suffixes can be combined)
- with OS & Y gate valves (standard)
- with OS & Y gate valves with integral Relief Valve Monitor Switch
- with remote reading water meter
- with gpm meter (standard)
- with gpm meter
- with flanged end butterfly valves with integral monitor switches (2 1/2" - 10")
- with flanged end butterfly valves with integral monitor switches (2 1/2" - 10")

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

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

Dimensions & Weights (do not include pkg.)

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<th>MODEL 375DA SIZE</th>
<th>A</th>
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<th>B</th>
<th>C</th>
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<th>E</th>
<th>F</th>
<th>G</th>
<th>LESSE SHUT-OFF VALVES</th>
<th>OSGA VATE VALVES</th>
<th>OSGATE VALVES GROOVED</th>
<th>BUTTERFLY VALVES GROOVED</th>
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Typical Installation
Local codes shall govern installation requirements. To be installed in accordance with the manufacturer's 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 Detector Backflow Prevention Assembly shall be certified to NSF/ANSI 61, ASSE® Listed 1047, and supplied with full port OS & Y 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 Detector Backflow Prevention Assembly shall be a ZURN WILKINS Model 375DA.