**SPECIFICATION SUBMITTAL SHEET**

**Model 350 Double Check Valve Assembly**

**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

**OPTIONS**

(Suffixes can be combined)

- with full port QT ball valves (standard)
- L - less ball valves, male pipe thread
- XL - with low lead ball valves (See 350XL)
- S - with bronze "Y" type strainer
- SH - with stainless steel handles
- FT - with integral male 45° flare SAE test fitting
- BOF - with Blow-Out / Flush fitting

**ACCESSORIES**

- Repair kit
- Thermal expansion tank (Model XT)
- QT-SET Quick Test Fitting Set
- Test Cock Lock (Model TCL24)
- Winterizing Blow-Out/Flush fitting (RK34-350BOF, RK1-350BOF or RK114-350-375BOF)

**APPLICATION**

Designed for installation on water lines to protect against both backspiphonage and backpressure of polluted water into the water supply. Assembly shall provide protection where a potential health hazard does not exists.

**STANDARDS COMPLIANCE**

(Horizontal & Vertical)

- ASSE® Listed 1015
- IAPMO® Listed
- CSA® Certified B64.5
- Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California
- UL® Classified (less shut-off valves only)
- C-UL® Classified (less shut-off valves only)

**MATERIALS**

Main valve body: Cast Bronze, ASTM B 584 (3/4-1")

Housing: Reinforced Nylon

Fasteners: Stainless Steel, 300 Series

Elastomers: Silicone (FDA Approved)

Springs: Stainless Steel, 300 Series

Ball Valves: Cast Bronze, ASTM B 584

Struts: Forged Brass ASTM B 124

**DIMENSIONS & WEIGHTS (do not include pkg.)**

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**OPTIONS STRAINER (MODEL S)**

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(Patent No. 7,434,593, 7,784,483 & 7,905,250)
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. If installed below grade, be certain adequate drainage is provided to prevent the device from being submerged.

SPECIFICATIONS
The Double Check Valve Backflow Preventer shall be ASSE® Listed 1015, rated to 180°F and supplied with full port ball valves. The main body shall be Bronze for sizes 3/4” & 1”, and Nylon for sizes 1-1/4” to 2”. The housing shall be reinforced Nylon and the seat disc elastomers shall be silicone (FDA Approved). The first and second checks shall be accessible for maintenance without removing the device from the line. The Double Check Valve Backflow Preventer shall be a WILKINS Model 350.