## Application

Designed for installation on water lines to protect against both backsiphonage 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
- AWWA Compliant C510
- 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
Housing
Fasteners
Elastomers
Internals
Springs
Ball Valves
Struts
Handles

Cast Bronze, ASTM B 584 (3/4-1") Reinforced Nylon
Stainless Steel, 300 Series Silicone (FDA Approved) Buna Nitrile (FDA Approved) Delrin, NSF Listed Stainless Steel, 300 series Cast Bronze, ASTM B 584 Stainless Steel, 300 Series Stainless Steel, 300 Series


## Options

(Suffixes can be combined)

```
L - less ball valves, male pipe thread
S - with Model SXL lead-free bronze "Y" type strainer
FT - with integral male 45 flare SAE test fitting
\square \mp@code { B O F ~ - ~ w i t h ~ b l o w ~ o u t ~ / ~ f l u s h ~ f i t t i n g }
```


## Accessories

$\square$ Repair kit
Thermal expansion tank (Model XT)
QT-SET Quick Test Fitting Set
Winterizing Blow out/Flush fitting (RK34-350BOF,
RK1-350BOF or RK114-350-375BOF)

## Features

Sizes: 3/4", 1", 1-1/4", 1-1/2", 2"
Maximum working water pressure
175 PSI
Maximum working water temperature
Hydrostatic test pressure
End connections Threaded $180^{\circ} \mathrm{F}$
350 PSI
ANSI B1.20.1


Dimensions \& Weights (do not include pkg.)

| $\begin{aligned} & \text { MODEL } \\ & 350 \\ & \text { SIZE } \end{aligned}$ |  | DIMENSIONS (approximate) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | WEIGHT |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | A |  | $\begin{gathered} \text { B } \\ \text { LESS BALL } \\ \text { VALVES } \end{gathered}$ |  | C |  | D |  | E |  | F |  | G |  | H |  | $\begin{gathered} \text { LESS } \\ \text { BALL } \\ \text { VALVES } \end{gathered}$ |  | WITH BALL VALVES |  |
| in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | lbs. | kg | lbs. | kg |
| 3/4 | 20 | 11 | 279 | 65/8 | 168 | 17/8 | 48 | $33 / 4$ | 95 | 3 | 76 | 11/4 | 32 | 151/8 | 384 | 117/16 | 291 | 2.3 | 1.0 | 4.3 | 2.0 |
| 1 | 25 | $121 / 4$ | 311 | 7 | 178 | $21 / 16$ | 52 | $41 / 8$ | 105 | $31 / 4$ | 83 | 13/4 | 45 | 17 | 431 | 12 5/16 | 313 | 3.0 | 1.4 | 6.0 | 2.7 |
| 1-1/4 | 32 | 14 7/8 | 378 | $143 / 8$ | 367 | $33 / 8$ | 86 | $63 / 4$ | 171 | $33 / 4$ | 95 | $21 / 4$ | 57 | $201 / 2$ | 521 | 18 1/2 | 470 | 17.2 | 7.8 | 19 | 8.6 |
| 1-1/2 | 40 | $151 / 4$ | 387 | $143 / 8$ | 367 | 3 3/8 | 86 | $63 / 4$ | 171 | $33 / 4$ | 95 | $21 / 4$ | 57 | 22 | 559 | $201 / 4$ | 514 | 17 | 7.7 | 20 | 9.1 |
| 2 | 50 | 16 | 406 | $143 / 8$ | 367 | 3 3/8 | 86 | $63 / 4$ | 171 | $33 / 4$ | 95 | $21 / 4$ | 57 | 24 | 609 | $203 / 4$ | 527 | 18 | 8.2 | 22 | 10 |

## Zurn Industries, LLC | Wilkins

1747 Commerce Way, Paso Robles, CA U.S.A. 93446 Ph. 855-663-9876, Fax 805-238-5766
In Canada | Zurn Industries Limited
7900 Goreway Drive, Unit 10, Brampton, Ontario L6T 5W6, 877-892-5216
www.zurn.com

MODEL 350 3/4" \& 1" (STANDARD \& METRIC)
fLOW RATES (l/s)


MODEL 350, 1-1/4", 1-1/2" \& 2" (STANDARD \& METRIC)
FLOW RATES (l/s)


## 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 " ( 305 mm ) and a maximum of 30 " ( 762 mm ) 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.


INDOOR INSTALLATION

| Capacity thru Schedule 40 Pipe |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Pipe size | $5 \mathrm{ft} / \mathrm{sec}$ | $\mathbf{7 . 5} \mathrm{ft} / \mathbf{s e c}$ | $\mathbf{1 0 ~ f t / s e c}$ | $\mathbf{1 5} \mathrm{ft} / \mathbf{s e c}$ |
| $1 / 2^{\prime \prime}$ | 5 | 7 | 9 | 14 |
| $3 / 4^{\prime \prime}$ | 8 | 12 | 17 | 25 |
| $1{ }^{\prime \prime}$ | 13 | 20 | 27 | 40 |
| $11 / 4^{\prime \prime}$ | 23 | 35 | 47 | 70 |
| $11 / 2^{\prime \prime}$ | 32 | 48 | 63 | 95 |
| $2^{\prime \prime}$ | 52 | 78 | 105 | 167 |



## OUTDOOR INSTALLATION

## Specifications

The Double Check Valve Backflow Preventer shall be ASSE® Listed 1015, rated to $180^{\circ} \mathrm{F}$ and supplied with full port ball valves. The main body shall be Bronze for sizes $3 / 4^{\prime \prime} \& 1^{\prime \prime}$, and Nylon for sizes $1-1 / 4^{\prime \prime}$ to $2^{\prime \prime}$. 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 ZURN WILKINS Model 350.

[^0]
[^0]:    Zurn Industries, LLC | Wilkins
    1747 Commerce Way, Paso Robles, CA U.S.A. 93446 Ph. 855-663-9876, Fax 805-238-5766
    In Canada | Zurn Industries Limited

