

710 Zurn Wilkins Pressure Vacuum Breaker Assembly

Straightforward installation, simpler design



I-710

The Zurn Wilkins 710 Pressure Vacuum Breaker Assembly is one of the most economical and compact PVBs on the market. It brings reliable performance to any residential and light commercial irrigation system, with fewer parts and shared internals between sizes. Designed to prevent backsiphonage of contaminated water into the potable water supply, and suitable for high-hazard backflow prevention.



Economical and durable

- Lightweight, compact body
- Ideal for space-limited applications
- Corrosion-resistant valve and stainless steel shutoff handles



Easy installation and maintenance

- Fewer parts
- Shared internals between sizes
- Up to 2 in. shorter than other PVBs



Standards compliance

- ASSE® Listed 1020
- cUPC® Listed
- Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California



3/4" 710
Pressure Vacuum
Breaker Assembly



1" 710
Pressure Vacuum
Breaker Assembly

The Zurn Wilkins 710 Pressure Vacuum Breaker is more compact than any competitor valve in the marketplace.

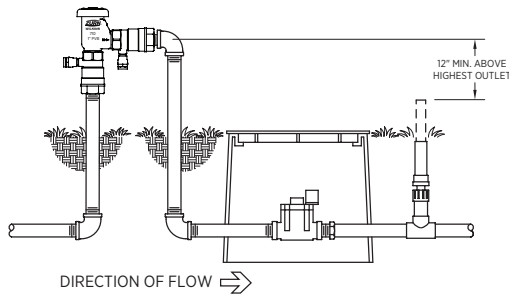
Bring effortless performance to any residential and commercial irrigation systems.

710 Zurn Wilkins Pressure Vacuum Breaker Assembly

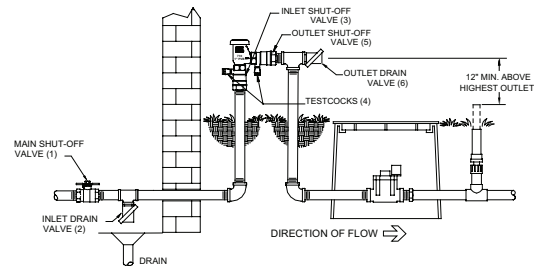
Find more information at:
zurn.com/products/water-control/backflow-preventers/710



Typical Installation



OUTDOOR INSTALLATION



OUTDOOR INSTALLATION IN COLDER CLIMATES

Application

Designed for installation on irrigation water lines to protect against backsiphonage of contaminated water into the potable water supply. Assembly shall provide protection where a potential health hazard exists.

Standards Compliance

- ASSE Listed 1020
- IAPMO Listed
- Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California

Materials

- **Main valve body:** Cast bronze ASTM B584
- **Fasteners:** Stainless Steel, 300 Series
- **Elastomers:** Silicone (FDA approved), Buna Nitrile (FDA approved)
- **Polymers:** Noryl™, Delrin® (FDA approved)
- **Springs:** Stainless Steel, 300 series

Features

- **Sizes:** 3/4", 1"
- **Maximum working water pressure:** 150 psi
- **Maximum working water temperature:** 140° F
- **Hydrostatic test pressure:** 300 psi
- **End connections threaded:** ANSI B1.20.1

Accessories

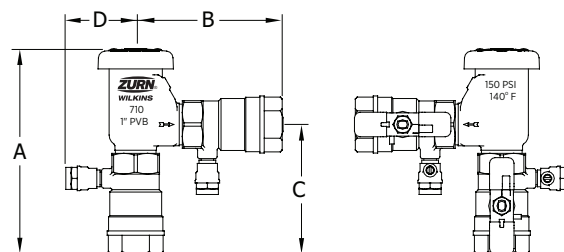
- Repair kit (complete)
 - RK34-710 Standard Repair Kit, 3/4"-1" 710
 - RK34-710B Bonnet Repair Kit, 3/4"-1" 710
- Water Hammer Arrester (Model 1260XL)
- QT-SET Quick Test Fitting Set
- 14-ZWFR Freeze Relief Valve to accessories

Specifications

The Pressure Vacuum Breaker shall be ASSE 1020 approved, and supplied with full port ball valves. The main body shall be bronze (ASTM B584), the loaded-air inlet shall use an stainless steel spring and silicone o-ring. The entire assembly shall be accessible for maintenance and testing without removing the device from the line. The Pressure Vacuum Breaker shall be a Zurn Wilkins Model 710.

Dimensions and Weights

| MODEL SIZE INCHES [MM] | APPROXIMATE DIMENSIONS IN INCHES [MM] | | | | APPROXIMATE WEIGHT LB [KG] |
|------------------------------|---------------------------------------|-------------|-------------|------------|----------------------------------|
| | A | B | C | D | |
| 3/4 [20] | 6-1/4 [159] | 4-1/4 [108] | 3-7/8 [98] | 2-3/8 [60] | 2.6 [1.2] |
| 1 [25] | 6-3/4 [172] | 4-7/8 [124] | 4-3/8 [111] | 2-5/8 [67] | 3.7 [1.7] |



Typical Installation

Local codes shall govern installation requirements. Unless otherwise specified, the assembly shall be mounted at a minimum of 12" (305 mm) above the highest piping or outlet downstream of the device. Install with adequate drain and sufficient side clearance for testing and maintenance. The installation shall be made so that no part of the unit can be submerged. A pressure vacuum breaker cannot be installed where back-pressure could occur or where spillage of water from vent could cause damage.