

# 710 Zurn Wilkins Pressure Vacuum Breaker Assembly

Reduced Size. Reduced Install Time.

Protect against backsiphonage, while keeping your installation straightforward. With fewer parts and a lightweight, compact body, the Zurn Wilkins 710 Pressure Vacuum Breaker Assembly is a low-maintenance, cost-effective solution for high-hazard irrigation applications – commercial or residential.

## Compact Performance

More compact and lightweight than comparable models, the 710 Pressure Vacuum Breaker Assembly fits within any commercial or residential irrigation system. And despite being small, it's substantial. The 710 is available in 3/4" and 1" sizes.



**3/4" 710**  
Pressure Vacuum  
Breaker Assembly



**1" 710**  
Pressure Vacuum  
Breaker Assembly



## Simple by Design

Fewer parts. Fewer problems. Not only will you cut down on installation time, you'll save costs and steps in maintaining your system. If a repair is needed, it's simple and can be done with the standard or bonnet repair kit — both work universally in the 3/4" or 1" assembly.

## Approved and Compliant

You can be confident in compliance. The 710 Pressure Vacuum Breaker Assembly meets ASSE® 1020, IAPMO®, and is approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California. You can be confident in compliance.

*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

## 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

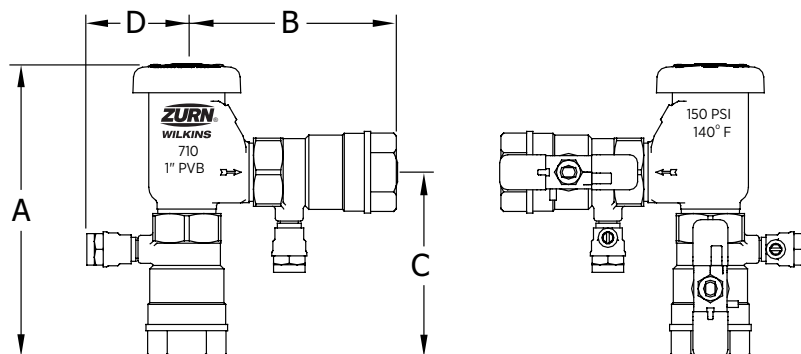
## Accessories

- 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

## 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.

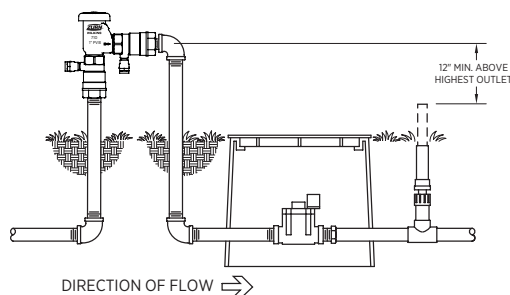
## Dimensions and Weights



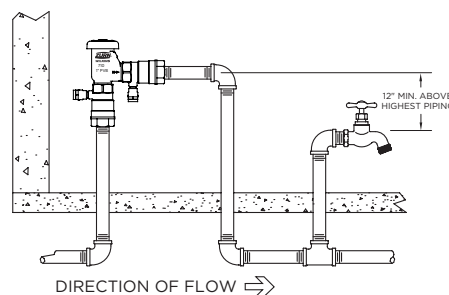
MODEL SIZE INCHES [MM]	APPROXIMATE DIMENSIONS IN INCHES [MM]				APPROXIMATE WEIGHT LB [KG]
	A	B	C	D	
3/4 [20]	6-1/4 [159]	4-1/4 [108]	3-7/8 [98]	2-3/8 [60]	2.6 [1.2]
1 [25]	6-3/4 [172]	4-7/8 [124]	4-3/8 [111]	2-5/8 [67]	3.7 [1.7]

## 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.



OUTDOOR INSTALLATION



INDOOR INSTALLATION