

# Introducing the Model 460



Our New Spill Resistant Pressure  
Vacuum Breaker Assembly.

Backflow Preventers  
Specifically Designed  
for Indoor Installations!

The innovative design protects against spillage that a normal Pressure Vacuum Breaker exhibits during start up, allowing for indoor installation. The air inlet closes before the check valve opens. Wilkins' designs continue to set the standard in water control products and the Model 460 Spill Resistant Pressure Vacuum Breaker is evidence of this continued effort. With unique design features, the 460 has unsurpassed reliability and in-line maintainability of any valve in its class. A Phillips screwdriver is all that is needed to work on the 460 - the bonnet tool and seat tool are built into the canopy and bonnet of the valve. The internal cartridge pulls out of the body with no threading, making the 460 the easiest to maintain SPVB on the market. Currently available in 3/8" and 1/2" sizes. Call your local Wilkins distributor Now!

# ZURN®

## WILKINS

Customer Service Representatives available Monday through Friday 5:30 a.m. to 5:00 p.m., PT.  
Call: 855-ONE-ZURN (855-663-9876), [info@zurnwilkins.com](mailto:info@zurnwilkins.com) or visit us online at [www.zurn.com](http://www.zurn.com)



**FEATURES**

Sizes:  3/8"  1/2"  3/4"  1"

Maximum working water pressure 150 PSI  
 Maximum working water temperature 180°F  
 Hydrostatic test pressure 300 PSI  
 Threaded connections ANSI B1.20.1

Replaceable thermoplastic modular cartridge  
 Spill resistant feature for indoor use

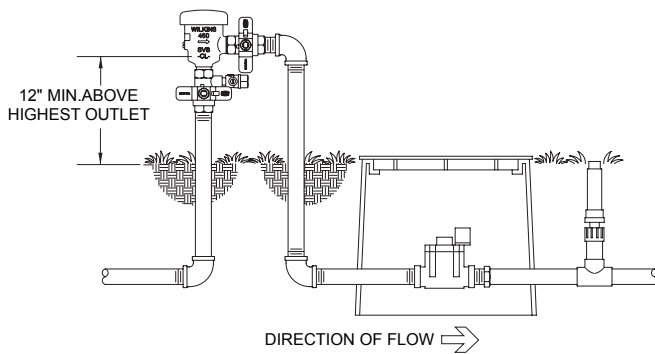
**OPTIONS**

(Suffixes can be combined)

- with full port QT ball valves (standard)

**ACCESSORIES**

- Repair kit (complete)
- Repair kit (rubber only)
- Water hammer arrester (Model 1250)
- QT-SET Quick Test Fitting Set



**OUTDOOR INSTALLATION**

**SPECIFICATIONS**

The Spill-Resistant Pressure Vacuum Breaker shall be ASSE® 1056 Listed, and supplied with full port ball valves. The assembly shall utilize a bronze (ASTM B 584) main body and an integrated modular check and float assembly made from thermoplastics. Springs shall be stainless steel. The valve shall incorporate a diaphragm to separate the air inlet from the potable water supply preventing spillage. The Spill-Resistant Pressure Vacuum Breaker shall be a Wilkins Model 460.

**APPLICATION**

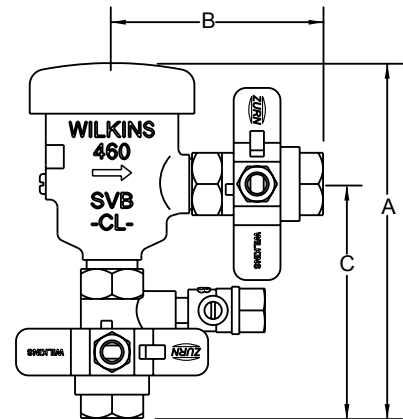
Designed for installation on indoor and outdoor point of use applications to protect against backsiphonage of contaminated water into the water supply. During start-up and operation a separate diaphragm seals the air inlet from the water supply preventing spillage. The assembly is designed for use under constant pressure and provides protection where a potential health hazard exists.

**STANDARDS COMPLIANCE**

- ASSE® Listed 1056
- IAPMO® Listed
- CSA® Certified
- Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California

**MATERIALS**

- Main valve body Cast Bronze ASTM B 584
- Elastomers Silicone (FDA Approved)  
Buna Nitrile (NSF Listed)
- Polymers Polypropylene (FDA Approved)  
Delrin™ (NSF Listed)
- Springs Stainless Steel, 300 Series



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

MODEL SIZE		DIMENSIONS (approximate)						WEIGHT	
		A		B		C			
in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kg
3/8	9	5 5/16	135	3 1/8	79	3 3/8	86	2.0	0.91
1/2	15	5 11/16	144	3 3/8	86	3 3/4	95	2.1	0.95
3/4	20	7 1/2	190	4 1/4	108	4 1/2	114	3.8	1.72
1	25	7 15/16	200	5	127	5	127	5.0	2.27