

### Application

To help deter theft a durable black UV stabilized fusion epoxy coating is applied to the exterior bronze surfaces of the assembly. Ideal for use where Lead-Free\* valves are required. Designed for installation on potable water lines to protect against both backsiphonage and backpressure of contaminated water into the potable water supply. Assembly shall provide protection where a potential health hazard exists.



### Standards Compliance

ASSE® Listed 1013  
AWWA Compliant C511  
CSA® Certified B64.4  
cUPC® Listed  
Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California  
Meets the requirements of NSF/ANSI/CAN 61 & 372  
\*(LESS THAN 0.25% WEIGHTED AVERAGE LEAD CONTENT)

### Materials

Internals	Delrin® (NSF Listed)
Internals	Nylon
Ball Valve(s)	Low Lead Cast Bronze ASTM B584
Coating(s)	Fusion Epoxy Finish (FDA approved)
Elastomers	Buna Nitrile (FDA approved) Silicone (FDA approved)
Fasteners	300 series Stainless Steel
Housing	Reinforced Nylon (FDA approved)
Spring(s)	300 series Stainless Steel
Struts	300 series Stainless Steel

### Features

Sizes	1/2", 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)	FNPT ANSI B1.20.1

### Options (Suffixes can be combined)

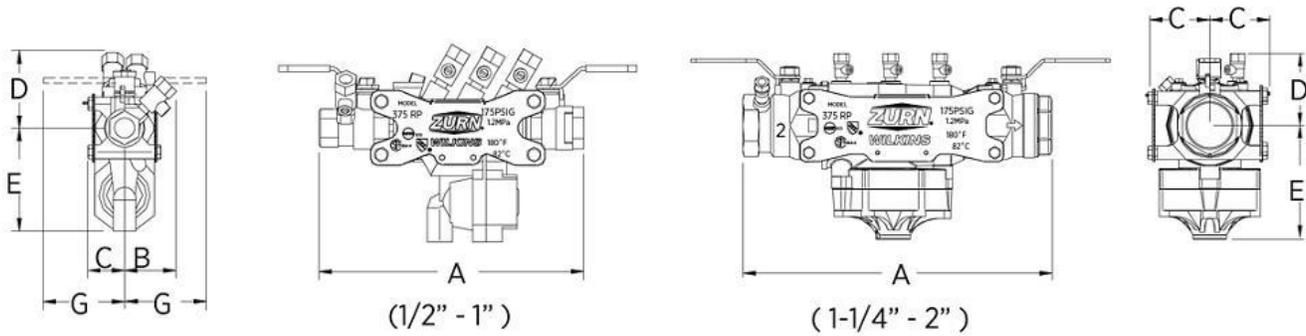
- With full port QT ball valves (standard)
- FT - Integral male 45° flare SAE test fitting
- AG - With air gap
- BOF - With Blow out/Flush fitting

### Accessories

- [Repair Parts - 375XL](#)
- [Repair Kits - 375XL 1/2" to 1"](#)
- [1260XL](#) - Water Hammer Arrestor ([Spec Sheet](#))
- [40XL2](#) - In-Line Single Check Valve ([Spec Sheet](#))
- [XI](#) - Thermal Expansion Tank ([Spec Sheet](#))
- [RK34-375BOF](#) - 3/4" 375 Blowout/Flush Fitting
- [RK1-375BOF](#) - 1" 375 Blowout/Flush Fitting
- [QT-SET](#) - Quick Test Fitting Set ([Spec Sheet](#))
- [RK114-350-375BOF](#) - 1-1/4"-2" Blowout/Flush Fitting

Architectural/Engineering Approval

*Design and dimensional data (inches and [mm]) are subject to manufacturing tolerances and change without notice.*



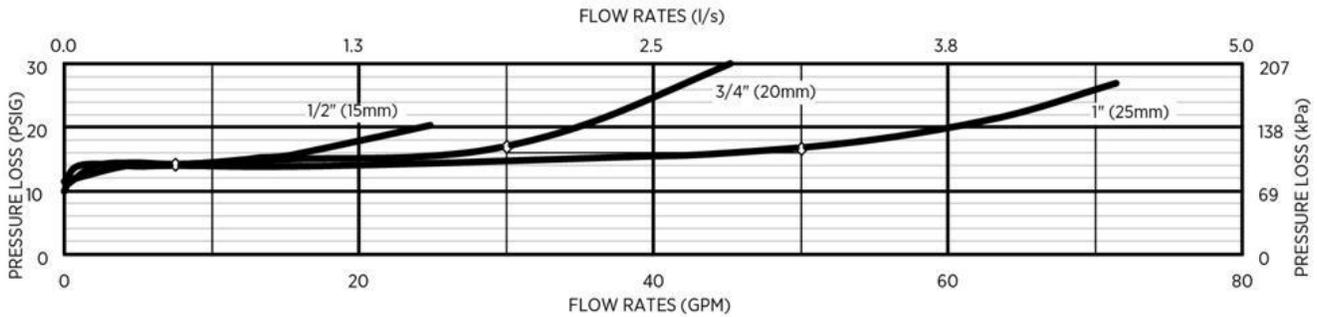
**Dimensions & Weights (do not include pkg.)**

MODEL 375XLB SIZE	DIMENSIONS (approximate)												WEIGHT WITH BALL VALVES		
	A		B		C		D		E		G		lbs.	kg	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm			
1/2	20	8 7/8	225	1 15/16	49	1 5/8	41	2 15/16	75	3 7/8	98	3	76	5.7	2.6
3/4	20	8 7/8	225	1 15/16	49	1 5/8	41	2 15/16	75	3 7/8	98	3	76	5.7	2.6
1	25	11 3/16	284	2 1/4	57	2 1/4	57	3 7/16	87	4	102	4	102	9.7	4.4
1-1/4	32	14 7/8	378	3 3/8	86	3 3/8	86	3 3/4	95	5 3/4	146	3 3/4	95	20.5	9.3
1-1/2	40	15 1/4	387	3 3/8	86	3 3/8	86	3 3/4	95	5 3/4	146	4 1/2	114	21.5	9.8
2	50	16	406	3 3/8	86	3 3/8	86	3 3/4	95	5 3/4	146	4 3/4	120.7	23.5	10.7

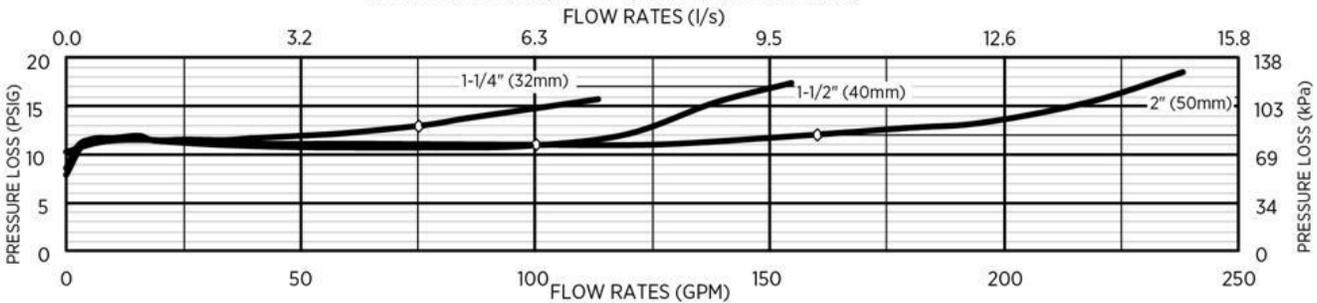
**Flow Characteristics**

◇ Rated Flow (established by approval agencies)

**MODEL 375XLB 1/2" - 1" (STANDARD & METRIC)**

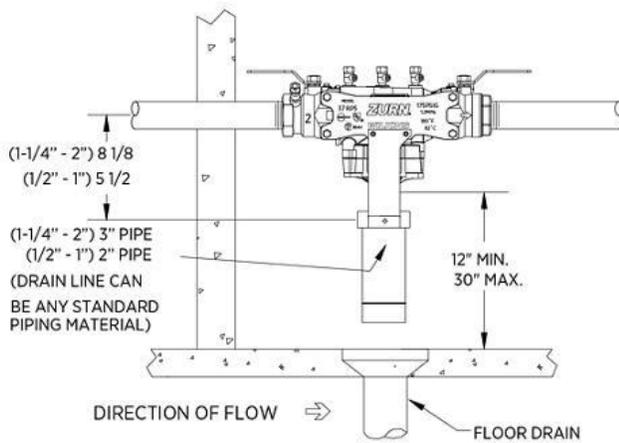


**MODEL 375XLB 1-1/4" - 2" (STANDARD & METRIC)**

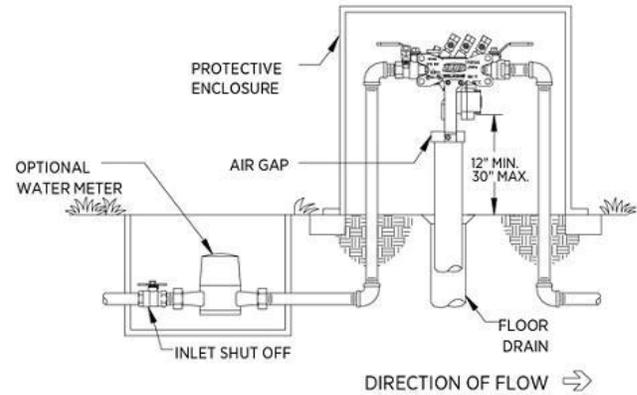
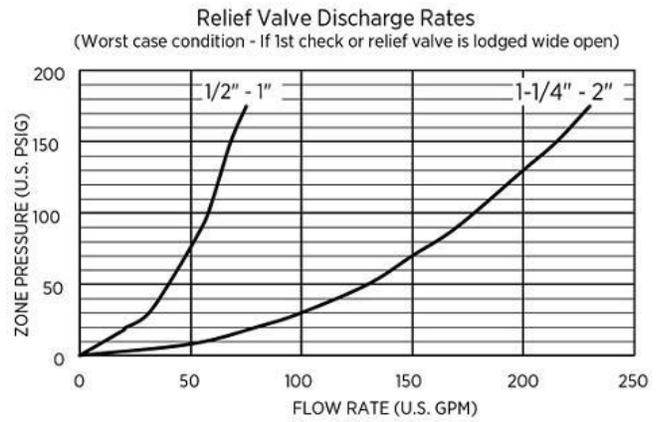


### Typical Installation

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. The installation shall be made so that no part of the unit can be submerged.



INDOOR INSTALLATION



OUTDOOR INSTALLATION

[Installation Instructions - 375XL-ST \(1/2 - 1"\)](#)

[Installation Instructions - 375XL-\(1 1/4 - 2"\)-ST Installation Instructions - 375XL-ST \(1/2 - 1"\) \(French\) Installation Instructions - 375XL \(1 1/4 - 2"\)](#)

### Specifications

The Reduced Pressure Principle Backflow Preventer shall be certified to NSF/ANSI 61, shall be ASSE® Listed 1013, rated to 180°F, and supplied with full port ball valves. The bronze surfaces shall have a black fusion epoxy coating applied. The main body shall be Nylon and the seat disc elastomers shall be silicone. If installed indoors, the installation shall be supplied with an air gap adapter. The Reduced Pressure Principle Backflow Preventer shall be a WILKINS Model 375XLB.