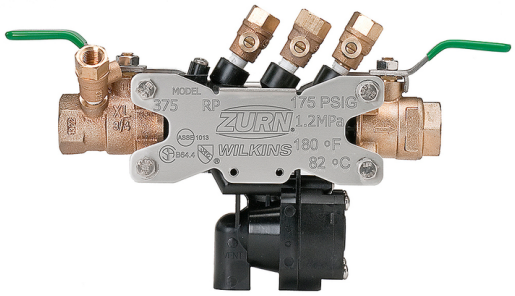
WILKINS Model 375XL (1/2"-2")

Backflow Preventer - Reduced Pressure Principle

TAG

Application

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.



3/4" 375XL

Standards Compliance

- ASSE® Listed 1013
- cUPC® Listed
- CSA® Certified B64.4
- AWWA Compliant C511
- 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 and 372*

*(LESS THAN 0.25% WEIGHTED AVERAGE LEAD CONTENT)

Materials

Ball Valves	Low Lead Cast Bronze ASTM B584
Elastomers	Buna Nitrile (FDA approved)
	Silicone (FDA approved)
Fasteners	300 series Stainless Steel
Housing	Reinforced Nylon (FDA approved)
Internals	Delrin® (NSF Listed)
	Nylon
Springs	300 series Stainless Steel
Struts	300 series Stainless Steel

Features

Sizes 1/2", 3/4", 1", 1-1/4", 1-1/2", 2"

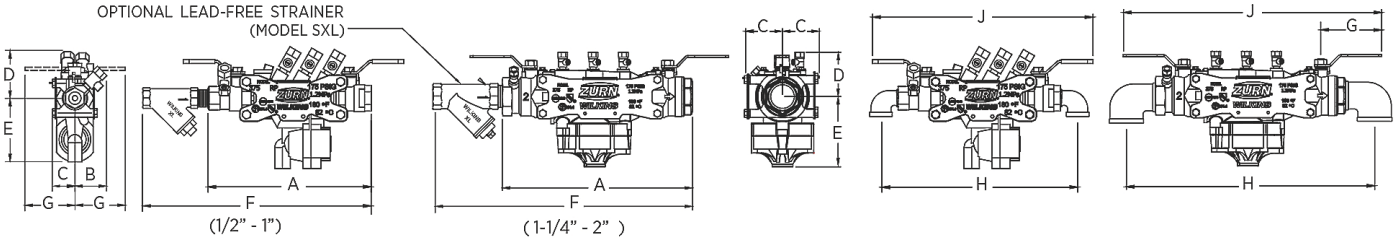
Maximum working water pressure	175 PSI
Maximum working water temperature	180°F
Hydrostatic test pressure	350 PSI
End connections (Threaded) FNPT	ANSI B1.20.1

Options (Suffixes can be combined)

	With full port QT ball valves (standard)
SE	With street elbows
B	With black fusion epoxy coated ball valves & struts for theft protection
FT	With integral male 45° flare SAE test fitting
S	With Model SXL lead free bronze wye strainer
SAG	With Model SXL lead-free bronze wye strainer and air gap
AG	With air gap

Accessories

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



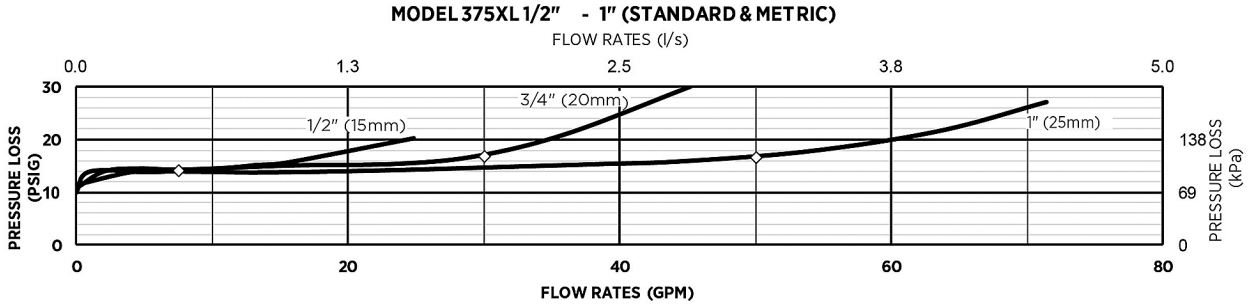
Dimensions & Weights (do not include pkg.)

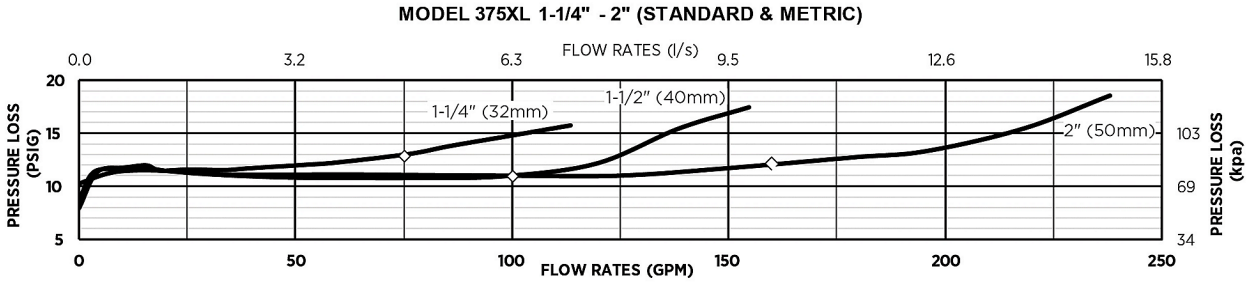
MODEL 375XL SIZE		DIMENSIONS (approximate)																		WEIGHT	
		A		B		C		D		E		F		G		H		J			
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kg
1/2	20	8 7/8	225	1 15/16	49	1 3/8	35	2 15/16	75	3 7/8	98	12 1/4	311	3	76	10 7/8	276	12 1/4	311	5.7	2.6
3/4	20	8 7/8	225	1 15/16	49	1 3/8	35	2 15/16	75	3 7/8	98	12 5/8	321	3	76	11	279	12 1/4	311	5.7	2.6
1	25	11 3/16	284	2 1/4	57	1 13/16	46	3 7/16	87	4	102	14 9/16	370	4	102	13 3/4	349	15 1/4	387	9.7	4.4
1-1/4	32	14 7/8	378	3 3/8	86	3 1/8	80	3 3/4	95	5 3/4	146	20 1/2	521	3 3/4	95	18	457	18 1/2	470	20.5	9.3
1-1/2	40	15 1/4	387	3 3/8	86	3 1/8	80	3 3/4	95	5 3/4	146	22	559	4 1/2	114	18 3/4	476	20 1/4	514	21.5	9.8
2	50	16	406	3 3/8	86	3 1/8	80	3 3/4	95	5 3/4	146	24	610	4 3/4	120.7	20 3/4	527	20 3/4	527	23.5	10.7

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

Flow Characteristics

◇ Rated Flow (established by approval agencies)



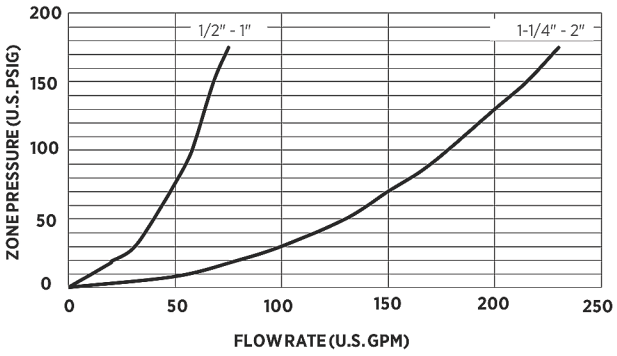


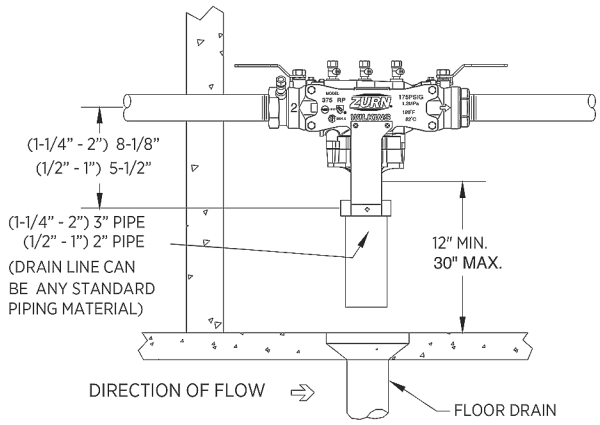
Typical Installation

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.

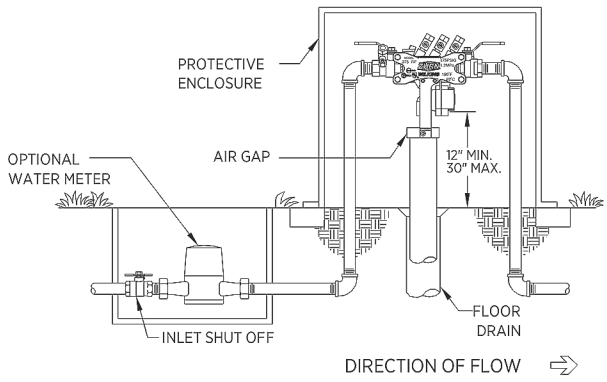
Relief Valve Discharge Rates

(Worst case condition - If 1st check or relief valve is lodged wide open)





INDOOR INSTALLATION



OUTDOOR INSTALLATION

Installation and Maintenance Instructions 1/2" - 1" Model 375XL

Installation and Maintenance Instructions 1-1/4" - 2" Model 375XL

Specifications (375XL (1/2"-2") Written Specification)

The Reduced Pressure Principle Backflow Preventer shall be certified to NSF/ANSI/CAN 61 and 372, ASSE® Listed 1013, rated to 180° F, and supplied with full port ball valves. 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 375XL.