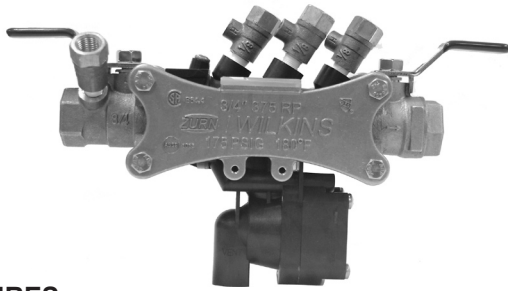


# SPECIFICATION SUBMITTAL SHEET



### FEATURES

Sizes:  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)
- L - less ball valves, male pipe thread
- XL - with low lead ball valves
- S - with bronze "Y" type strainer
- SE - with street elbows
- FT - with integral male 45° flare SAE test fitting
- AG - with air gap
- SAG - with bronze "Y" strainer and air gap
- BOF - with Blow out/Flush fitting

### ACCESSORIES

- Air gap (Model AG)
- Repair kits
- Thermal expansion tank (Mdl. WXTP)
- Soft seated check valve (Mdl. 40XL)
- Shock arrester (Model 1250)
- QT-SET Quick Test Fitting Set
- Test Cock Lock (Model TCL24)
- Blow out / Flush fitting (RK34-375BOF, RK1-375BOF or RK114-350-375BOF)
- YB Strainer

### APPLICATION

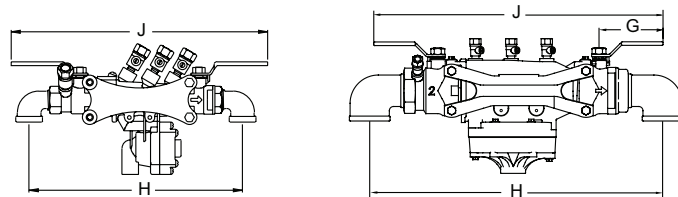
Designed for installation on potable water lines to protect against both backsiphonage and backpressure of contaminated water into the potable water supply. Assembly shall provide protection where a potential health hazard exists.

### STANDARDS COMPLIANCE (3/4"-2")

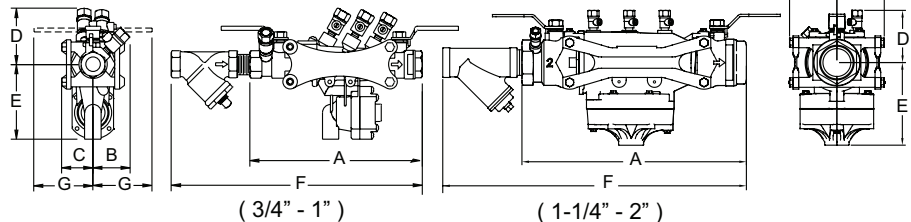
- ASSE® Listed 1013 (horizontal & vertical up 3/4" only)
- IAPMO® Listed (horizontal & vertical up 3/4" & 1" only)
- CSA B64.4
- AWWA compliant C511
- Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California (3/4" - 1")

### MATERIALS

Housing	Reinforced Nylon, FDA approved
Fasteners	Stainless Steel, 300 Series
Elastomers	Silicone (FDA Approved) Buna Nitrile (FDA Approved)
Internals	Delrin, Nylon, NSF Listed
Springs	Stainless steel, 300 series
Ball Valves	Cast Bronze, ASTM B 584
Struts	Forged Brass, ASTM B 124



MODELS 375SE

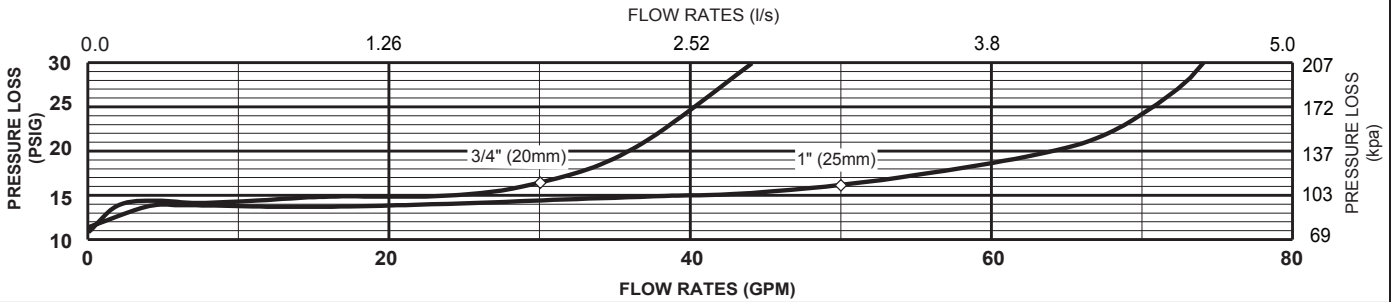


### DIMENSIONS & WEIGHTS (do not include pkg.)

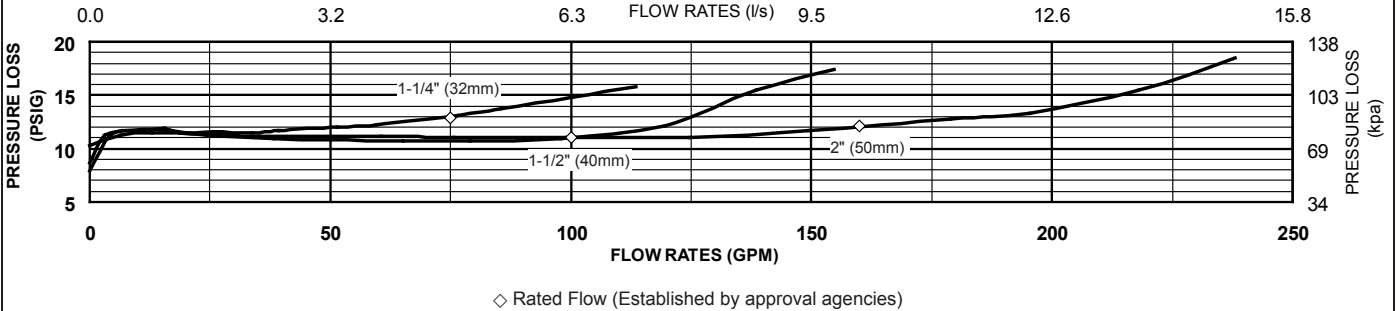
MODEL 375 SIZE	DIMENSIONS (approximate)																		WEIGHT				
	A		B		C		D		E		F		G		H		J		LESS BALL VALVES		WITH BALL VALVES		
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kg	lbs.	kg	
3/4	20	8 7/8	225	15/16	33	1 5/8	41	2 15/16	75	3 7/8	98	12 5/8	321	3	76	11	279	12 1/4	311	4.7	2.1	5.7	2.6
1	25	11 3/16	284	2 1/4	57	2 1/4	57	3 7/16	87	4	102	14 9/16	370	4	102	13 3/4	349	15 1/4	387	8.2	3.7	9.7	4.4
1-1/4	32	14 7/8	378	n/a	n/a	3 1/4	83	3 3/4	95	5 3/4	146	20 1/2	521	3 3/4	95	18	457	18 1/2	470	18.7	8.5	20.5	9.3
1-1/2	40	15 1/4	387	n/a	n/a	3 1/4	83	3 3/4	95	5 3/4	146	22	559	4 1/2	114	18 3/4	476	20 1/4	514	18.3	8.0	21.5	9.8
2	50	16	406	n/a	n/a	3 1/4	83	3 3/4	95	5 3/4	146	24	610	4 3/4	120.7	20 3/4	527	20 3/4	527	19.4	8.8	23.5	10.7

## FLOW CHARACTERISTICS

### MODEL 375, 375XL 3/4" & 1" (STANDARD & METRIC)



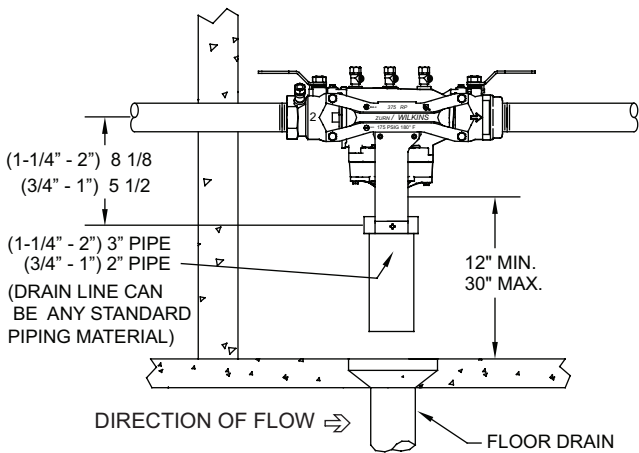
### MODEL 375, 375XL 1-1/4" - 2" (STANDARD & METRIC)



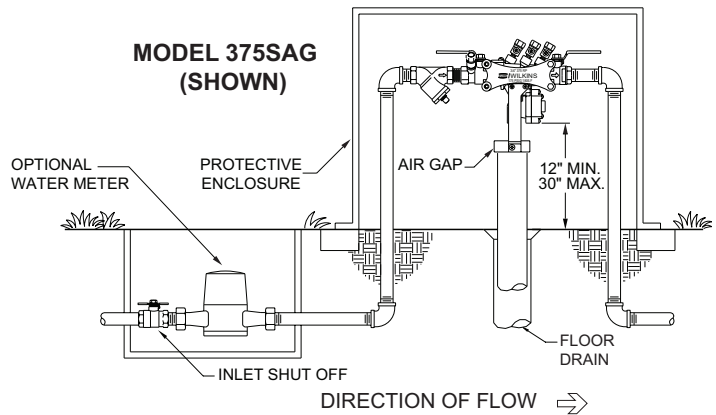
## TYPICAL INSTALLATION

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.

Capacity thru Schedule 40 Pipe				
Pipe size	5 ft/sec	7.5 ft/sec	10 ft/sec	15 ft/sec
3/8"	3	4	6	9
1/2"	5	7	9	14
3/4"	8	12	17	25
1"	13	20	27	40
1 1/4"	23	35	47	70
1 1/2"	32	48	63	95
2"	52	78	105	167



**INDOOR INSTALLATION**



**OUTDOOR INSTALLATION**

## SPECIFICATIONS

The Reduced Pressure Principle Backflow Preventer shall be 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 375.