WILKINS
a ZURN company

Model 375
Reduced Pressure Principle Assembly

SPECIFICATION SUBMITTAL SHEET

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)
❑ XL - with low lead ball valves (See 375XL)
❑ 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

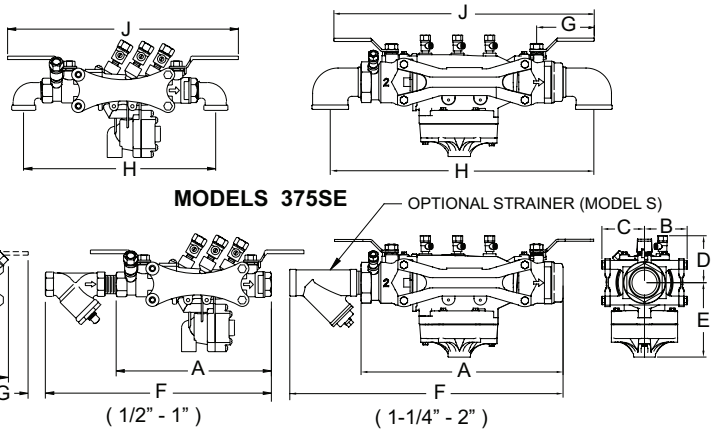
ACCESSORIES
❑ Repair kits
❑ Thermal expansion tank (Mdl. XT)
❑ Soft seated check valve (Mdl. 40XL)
❑ Shock arrester (Model 1250)
❑ QT-SET Quick Test Fitting Set
❑ Test Cock Lock (Model TCL24)
❑ Blow out / Flush fitting
(RK34-375BOF (1/2" or 3/4"), RK1-375BOF or RK114-350-375BOF)

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
- IAPMO® Listed
- CSA B64.4
- AWWA compliant C511
- Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California
- Contact Factory for 1/2" Approvals

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



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	in.	mm	lbs.	kg	lbs.	kg
1/2	20	8 7/8	225	1 15/16	49	1 5/8	41	2 15/16	75	3 7/8	98	12 1/4	311	3	76	10 7/8	276	12 1/4	311	4.7	2.1	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	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	3 3/8	86	3 3/8	86	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	3 3/8	86	3 3/8	86	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	3 3/8	86	3 3/8	86	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

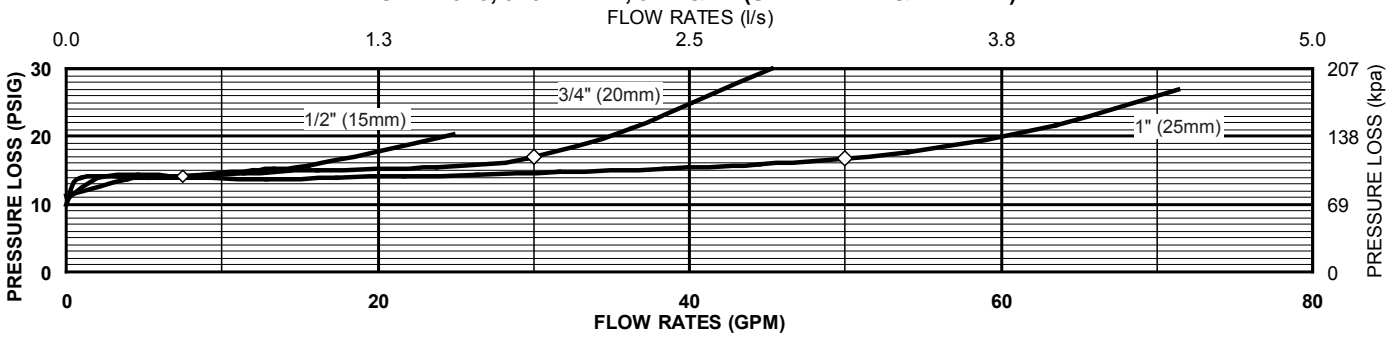
(Patent No. 6,513,543 & 7,784,483)

DOCUMENT #: BF-375(SM) REVISION: 1/11

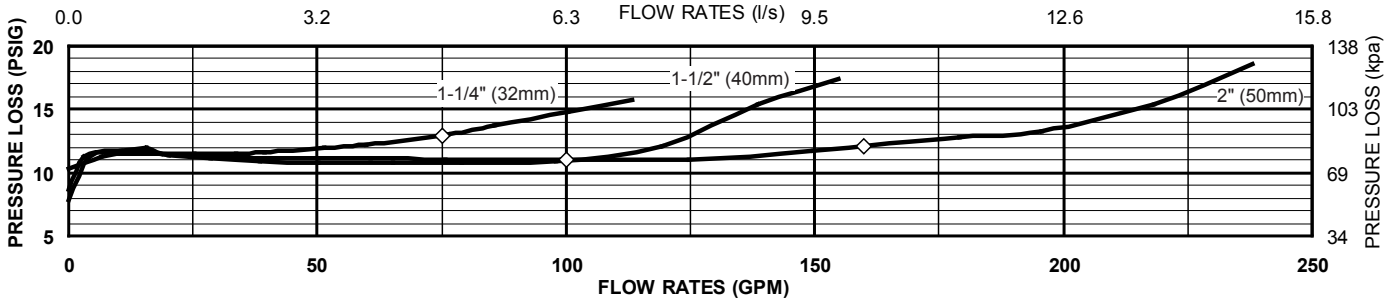
WILKINS a Zurn company, 1747 Commerce Way, Paso Robles, CA 93446 Phone:**805/238-7100** Fax:**805/238-5766**
In Canada: ZURN INDUSTRIES LIMITED, 3544 Nashua Dr., Mississauga, Ontario L4V 1L2 Phone:**905/405-8272** Fax:**905/405-1292**
Product Support Help Line: 1-877-BACKFLOW **(1-877-222-5356)** • **Website: http://www.zurn.com**

FLOW CHARACTERISTICS

MODEL 375, 375XL 1/2", 3/4" & 1" (STANDARD & METRIC)



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

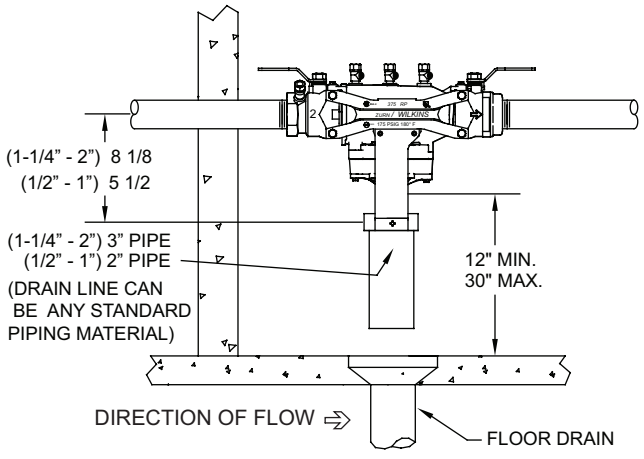


◇ Rated Flow (Established by approval agencies)

TYPICAL INSTALLATION

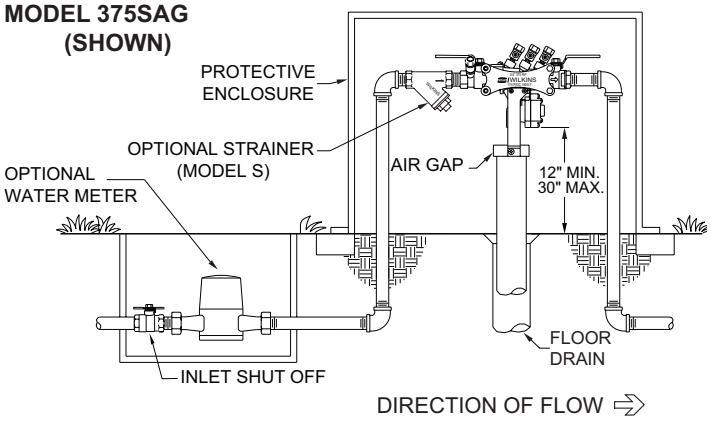
Local codes shall govern installation requirements. To be installed in accordance with the manufacturers' instructions and the latest edition of the Uniform Plumbing Code. Unless otherwise specified, the assembly shall be mounted at a minimum of 12" (305mm) and a maximum of 30" (762mm) above adequate drains with sufficient side clearance for testing and maintenance. The installation shall be made so that no part of the unit can be submerged.

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

MODEL 375SAG (SHOWN)



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.

WILKINS a Zurn company, 1747 Commerce Way, Paso Robles, CA 93446 Phone:**805/238-7100** Fax:**805/238-5766**
IN CANADA: ZURN INDUSTRIES LIMITED, 3544 Nashua Dr., Mississauga, Ontario L4V 1L2 Phone:**905/405-8272** Fax:**905/405-1292**
Product Support Help Line: 1-877-BACKFLOW **(1-877-222-5356)** • **Website: http://www.zurn.com**