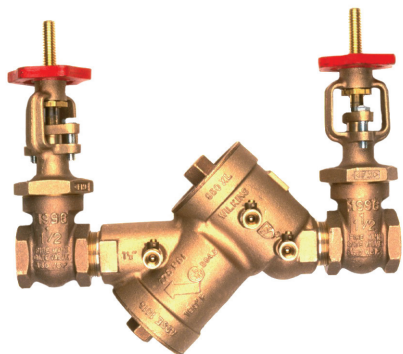


SPECIFICATION SUBMITTAL SHEET



APPLICATION

Designed for installation on fire protection water lines to protect against both backsiphonage and backpressure of polluted water into the potable water supply. Assembly shall provide protection where a potential health hazard does not exist.

STANDARDS COMPLIANCE

- UL® Classified

MATERIALS

Main valve body	Cast Bronze ASTM B 584
Access covers	Cast Bronze ASTM B 584
Internals	Stainless Steel, 300 Series
Elastomers	Silicone (FDA approved) Buna Nitrile (FDA approved)
Polymers	Noryl™, NSF Listed
Springs	Stainless steel, 300 series

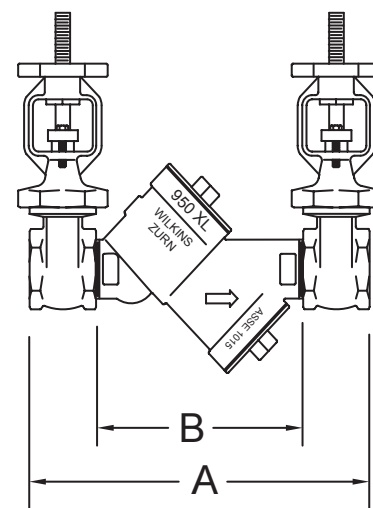
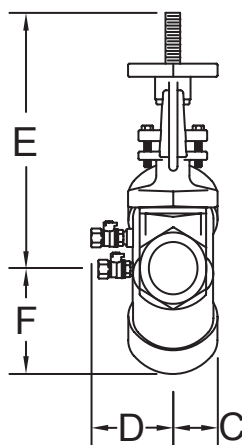
FEATURES

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 ANSI B1.20.1

ACCESSORIES

- Repair kit (rubber only)
- Relief valve (P1000A)
- QT- SET Quick Test Fitting Set
- Test Cock Lock (Model TCL24)



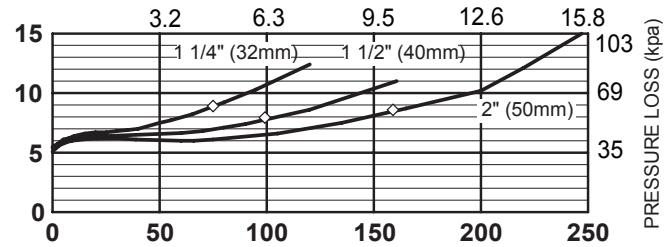
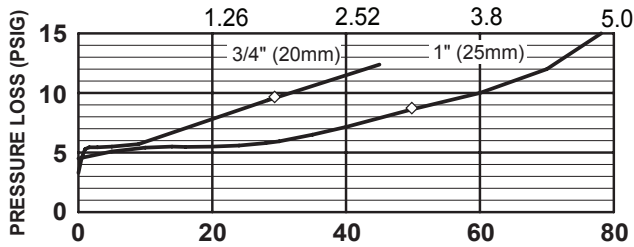
DIMENSIONS & WEIGHTS (do not include pkg.)

MODEL 950XLOSY SIZE		DIMENSIONS (approximate)														WEIGHT			
		A		B LESS GATE VALVES		C		D		E OPEN		E CLOSED		F		WITH GATE VALVES		LESS GATE VALVES	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kg	lbs.	kg
3/4	20	11 3/4	299	7	178	1 1/2	38	3	76	7 1/2	191	6 1/4	159	3	76	12	5.5	5	2.3
1	25	12	305	7	178	1 1/2	38	3	76	8	203	6 1/2	165	3	76	13	5.9	8	3.6
1 1/4	32	16 3/16	411	10 9/16	268	2	51	3 1/2	89	9 1/2	241	7 5/8	194	4 1/2	114	30	13.6	16	7.3
1 1/2	40	16 3/8	416	10 9/16	268	2	51	3 1/2	89	9 3/4	248	7 13/16	198	4 1/2	114	31	14.1	16	7.3
2	50	16 3/4	416	10 9/16	268	2	51	3 1/2	89	11 3/16	300	8 15/16	227	4 1/2	114	38	17.3	16	7.3

FLOW CHARACTERISTICS

MODEL 950XLOS Y 3/4", 1", 1 1/4", 1 1/2" & 2" (STANDARD & METRIC)

FLOW RATES (l/s)



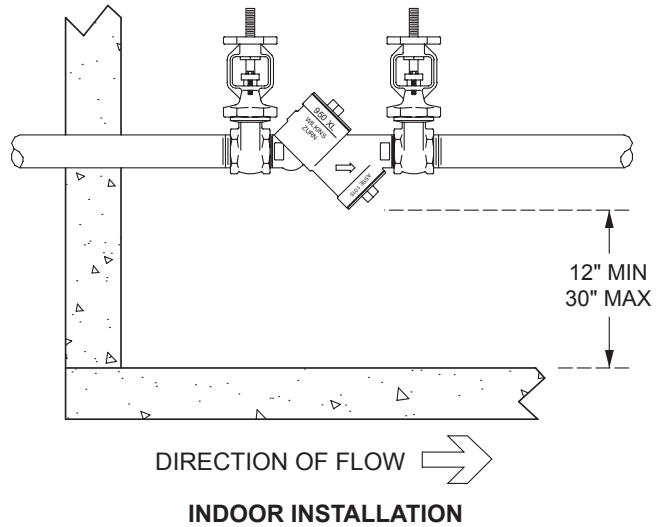
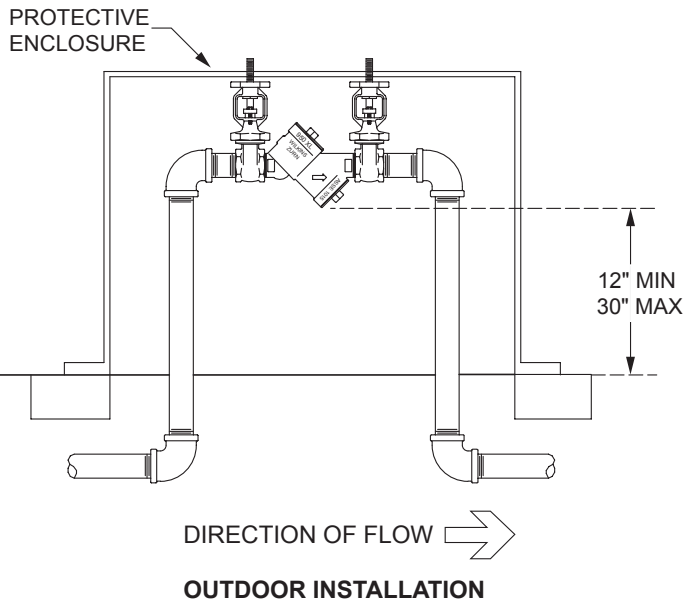
FLOW RATES (GPM)

◇ Rated Flow (Established by approval agencies)

TYPICAL INSTALLATION

Local codes shall govern installation requirements. To be installed in accordance with the manufacturer's 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
1/8"	1	1	2	3
1/4"	2	2	3	5
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



SPECIFICATIONS

The Double Check Backflow Preventer shall be UL® Classified, and supplied with full port, UL® Classified OS & Y gate valves. The assembly shall incorporate removable seat rings. The main body and access covers shall be bronze (ASTM B 584), the seat rings and all internal polymers shall be NSF® Listed Noryl™ and the seat disc elastomers shall be silicone. The first and second checks shall be accessible for maintenance without removing the device from the line. The Double Check Backflow Preventer shall be a WILKINS Model 950XLOS Y.

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>