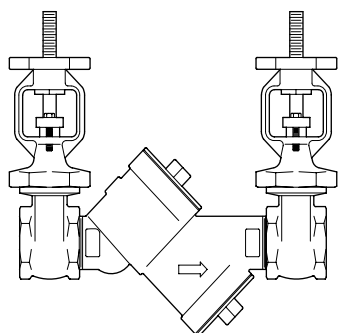


Model 950XLOS

Double Check Valve Assembly
with OS & Y Gate Valves



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.

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

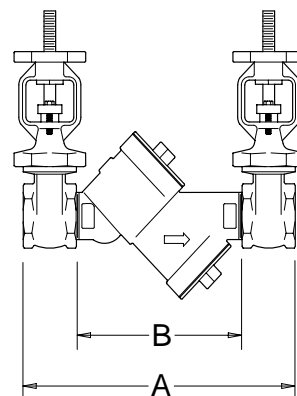
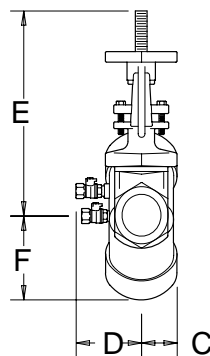
- ☐ Repair kit (rubber only)
- ☐ Relief valve (P1000A)

STANDARDS COMPLIANCE

- ☐ UL® Classified

MATERIALS

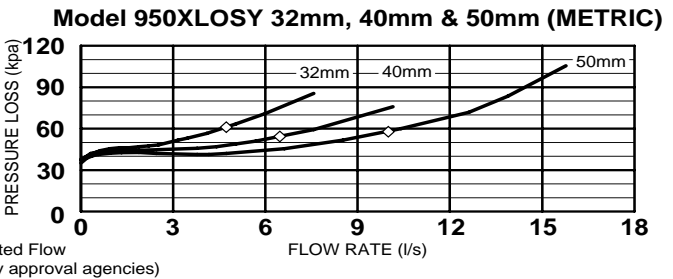
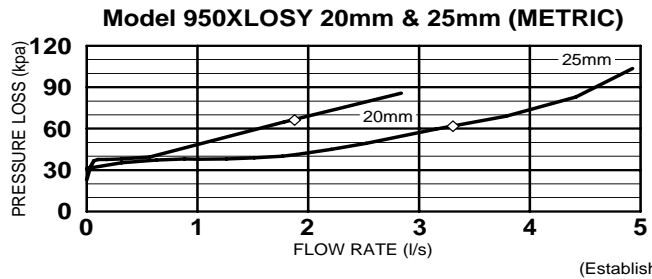
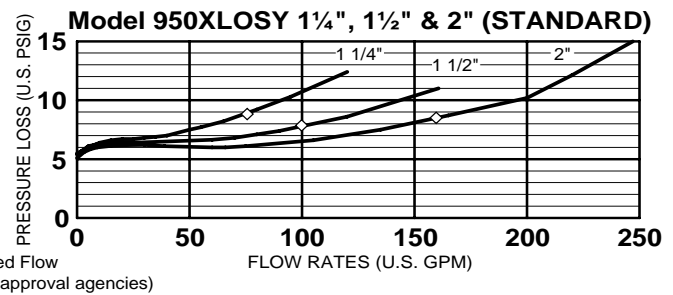
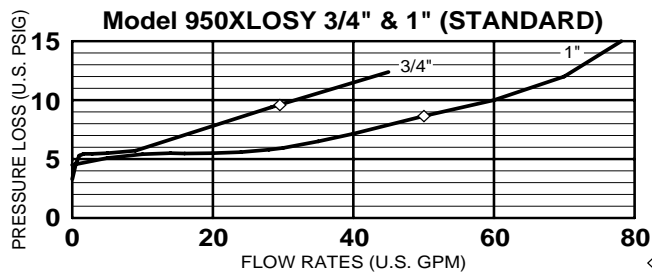
Main valve body Cast Bronze ASTM B 584
Access covers Cast Bronze ASTM B 584
Internals Stainless Steel, 300 Series
Elastomers Silicone (FDA approved)
Buna Nitrile (FDA approved)
Polymers Noryl™, NSF Listed
Springs Stainless steel, 300 series



DIMENSIONS & WEIGHTS (do not include pkg.)

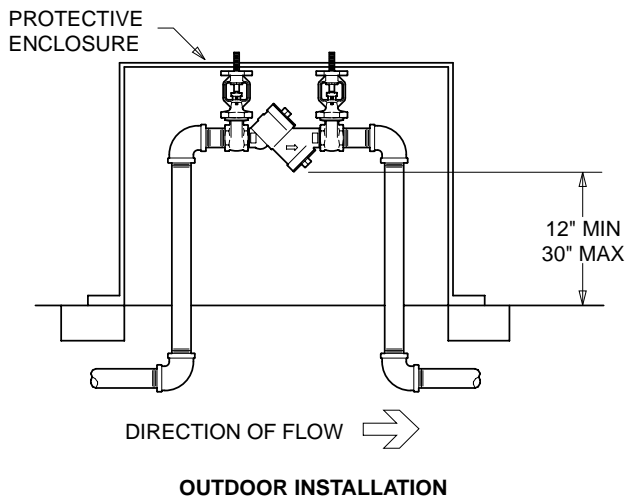
SIZE	DIMENSION (INCHES)							WEIGHT (LBS)	
	A	B LESS GATE VALVES	C	D	E OPEN	E CLOSED	F	WITH GATE VALVES	LESS GATE VALVES
3/4"	11.75	7.00	1.50	3.00	7.50	6.25	3.00	12.0	5.0
1"	12.00	7.00	1.50	3.00	8.00	6.50	3.00	13.0	8.0
1 1/4"	16.18	10.58	2.00	3.50	9.50	7.60	4.50	30.0	16.0
1 1/2"	16.38	10.58	2.00	3.50	9.75	7.80	4.50	31.0	16.0
2"	16.75	10.58	2.00	3.50	11.20	8.90	4.50	38.0	16.0

FLOW CHARACTERISTICS

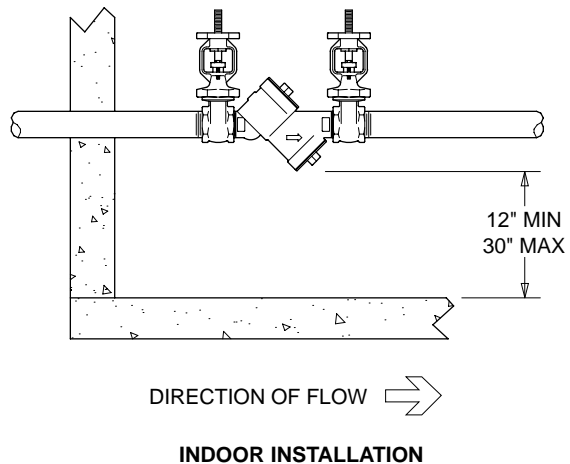


TYPICAL INSTALLATION

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® Listed, and supplied with full port, UL® Listed 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.