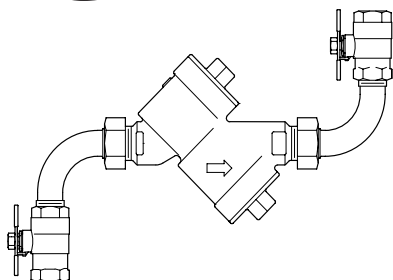


**Model 950XLV**

Double Check Valve Assembly  
with 90° Union Elbows



**FEATURES**

Sizes: ☐ 3/4" ☐ 1"

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

**OPTIONS**

(Suffixes can be combined)

- ☐ - with full port QT ball valves (standard)
- ☐ S - with bronze "Y" type strainer
- ☐ PRE-SET - with strainer, regulator or check valve

**APPLICATION**

Designed for installation on potable 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. Swivel union connections allow for vertical up-up or up-down configuration.

**STANDARDS COMPLIANCE**

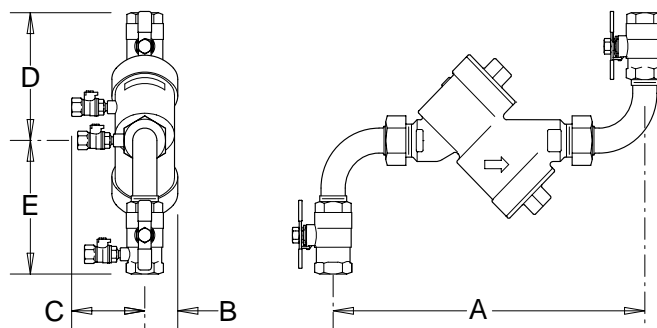
- ☐ ASSE® Listed 1015
- ☐ IAPMO® Listed (size 3/4")
- ☐ AWWA Compliant (size 3/4")
- ☐ City of Los Angeles Approved

**MATERIALS**

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

**ACCESSORIES**

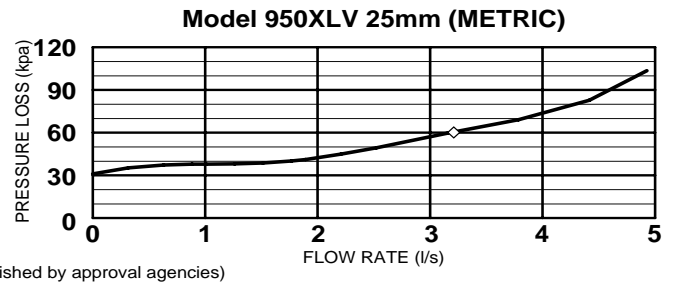
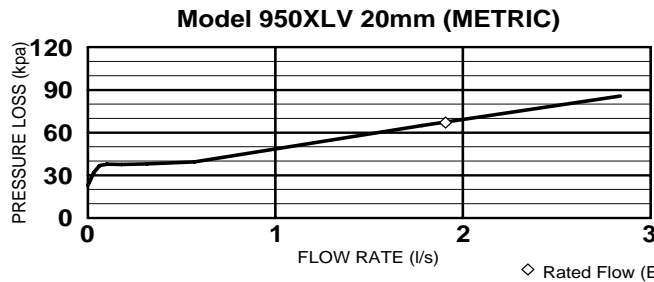
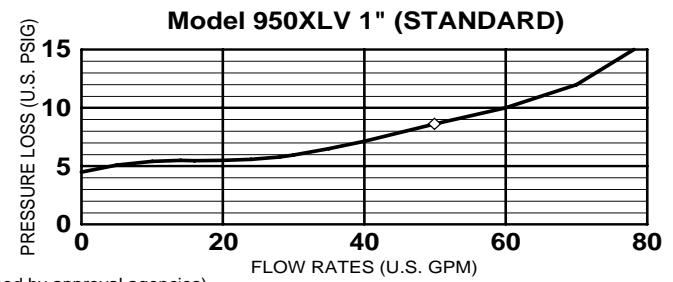
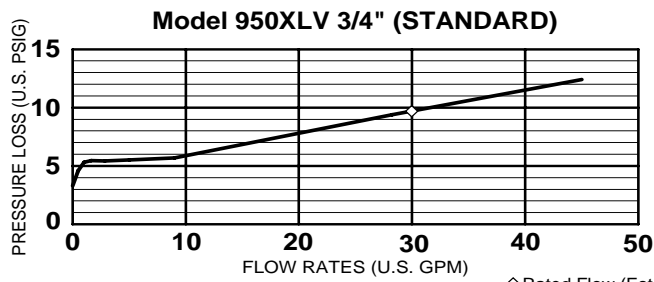
- ☐ Repair kit (rubber only)
- ☐ Thermal expansion tank (Model WXTP)



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

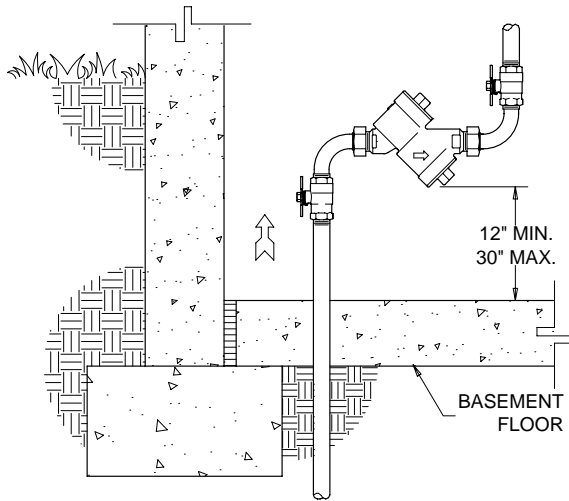
MODEL SIZE	DIMENSIONS (INCHES)					WEIGHT (LBS)
	A	B	C	D	E	
3/4"	11.50	2.10	3.00	4.75	5.00	11.0
1"	11.50	2.10	3.00	5.00	5.25	13.0

## FLOW CHARACTERISTICS



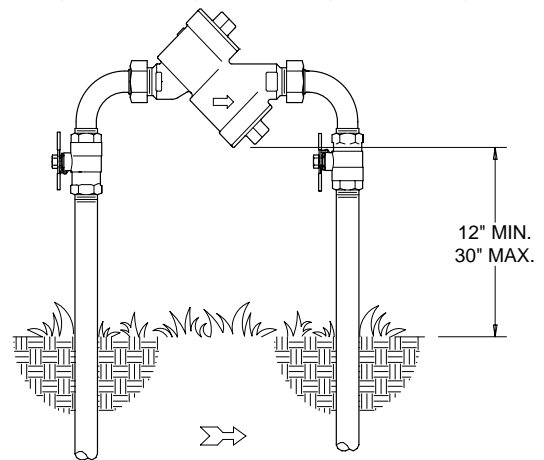
## TYPICAL INSTALLATION

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.



INDOOR VERTICAL INSTALLATION

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



OUTDOOR HORIZONTAL INSTALLATION

## SPECIFICATIONS

The double check type backflow preventer shall be ASSE 1015 Listed, rated to 180° F and supplied with 90° union elbows and full port ball valves. The main body, access covers and elbows shall be bronze (ASTM B 584), the seat ring 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 valve shall be a WILKINS Model 950XLV.