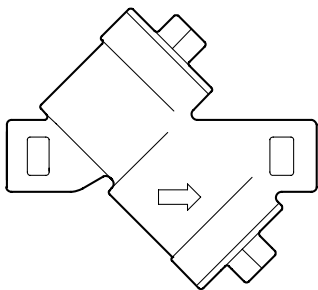


**Model 950LF**  
Dual Check Valve Assembly



**APPLICATION**

Designed for installation on residential and commercial fire sprinkler systems to protect against both backsiphonage and backpressure of polluted water into the potable water supply. The Model 950LF provides protection where a potential non-health hazard exists.

**FEATURES**

Sizes: ☐ 3/4" ☐ 1" ☐ 1 1/4" ☐ 1 1/2" ☐ 2"

Maximum working water pressure 175 psi  
Maximum working water temperature 180° F  
Threaded connections (FNPT) ANSI B1.20.1

**STANDARDS COMPLIANCE**

- ☐ ASSE® Listed 1024 (Horizontal/Vertical Flow-up)
- ☐ CSA® Certified (Horizontal/Vertical Flow-up)
- ☐ UL® Classified
- ☐ C-UL® Classified
- ☐ Complies to NFPA 13D for flow requirements to residential fire sprinklers (3 heads)

**OPTIONS**

(Suffixes can be combined)

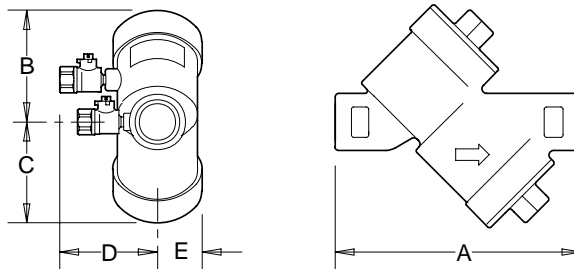
- ☐ - with FNPT inlet and outlet and 3 ball valve testcocks (standard)
- ☐ L - less ball valve testcocks
- ☐ - with inlet shut-off valve

**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

**ACCESSORIES**

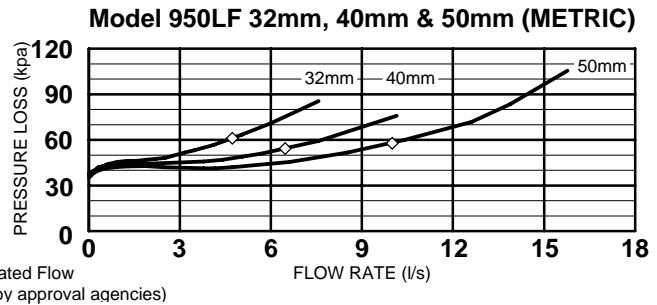
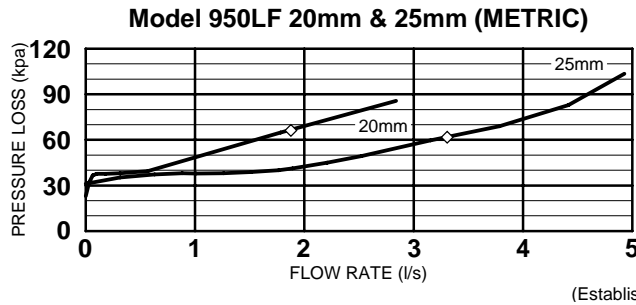
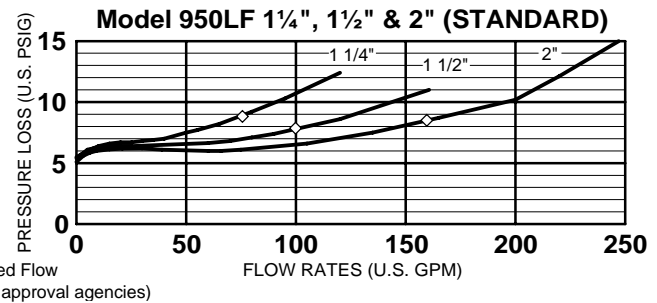
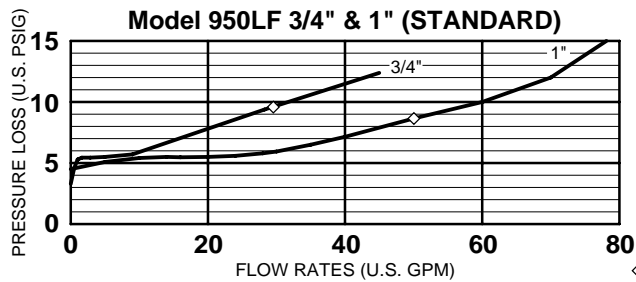
- ☐ Repair kit (rubber only)



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

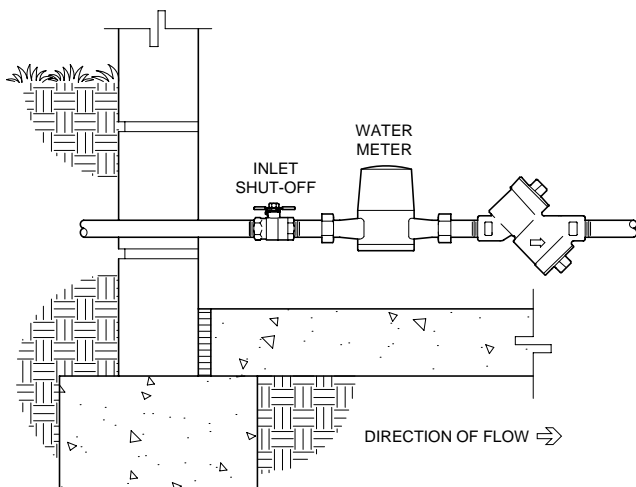
MODEL SIZE	DIMENSIONS (INCHES)					WEIGHT (LBS)
3/4"	7.00	3.30	3.00	3.00	1.30	5.0
1"	7.00	3.30	3.00	3.00	1.30	5.0
1 1/4"	10.60	4.50	4.50	3.50	2.00	16.0
1 1/2"	10.60	4.50	4.50	3.50	2.00	16.0
2"	10.60	4.50	4.50	3.50	2.00	16.0

## FLOW CHARACTERISTICS

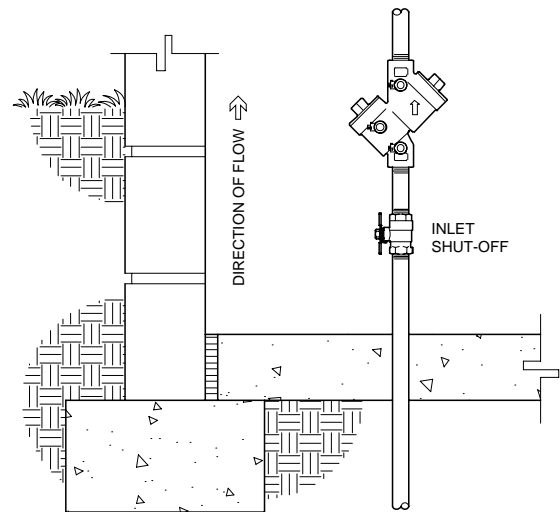


## TYPICAL INSTALLATION

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, assembly shall be mounted at a minimum of 12" (305mm) and a maximum of 30" (762mm) above adequate drain and sufficient side clearance for testing and maintenance. The installation shall be made so that no part of the unit can be submerged.



TYPICAL HORIZONTAL INSTALLATION



TYPICAL VERTICAL INSTALLATION

## SPECIFICATIONS

The dual check valve backflow preventer shall be ASSE® 1024 Listed for horizontal and vertical flow-up installations. The main body and access covers shall be cast bronze (ASTM B 584), the seat ring and check valve poppet shall be NORYL™ (NSF® Listed) and the seat disc elastomers shall be silicone (FDA approved). The first and second checks shall be accessible for maintenance without removing the entire device from the line. The dual check valve backflow preventer shall be a WILKINS Model 950LF.