

PURGENVENT™

Model 7950ILV

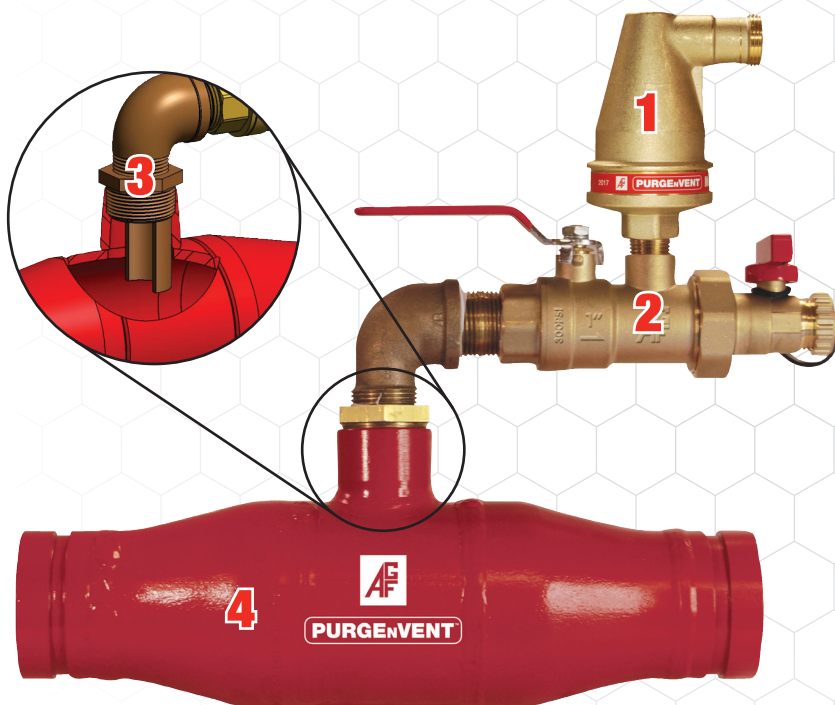
WWW.PURGENVENT.COM



Automatic Air Venting Valve with Separation Chamber

The PURGENVENT™ Model 7950ILV Automatic Air Venting Valve with Separation Chamber is designed to exceed NFPA 13 code that requires a single air vent be provided on each wet pipe sprinkler system utilizing metallic pipe.

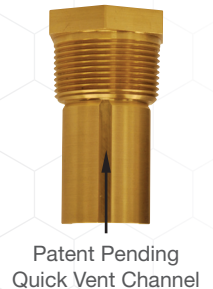
The large diameter of the separation chamber causes water to drop to the bottom as air rises to the top where the Air Scoop forces it up where it is released by the 7900AAV. As water exits the separation chamber it is reduced back to the supply line's pipe diameter which pushes air back towards the chamber. The remaining air is pushed up the back side of the air scoop through its Quick Vent Channel where it is released by the 7900AAV. To rapidly remove air from the system attach a hose to the purge valve's hose connection and open the valve while the system is being filled. Once the system is in operation the automatic vent will release any excess air. The purge valve is also convenient for cleaning the strainer.

AGF recommends installing the M7950ILV after the floor control assembly. If extra space is needed the separation chamber can be turned 45° (see dimensions on back).



1. Patented,  FM Approved,  UL Listed M7900V Air Release Valve.
2. Forged brass body with 1" NPT isolation valve.
3. Air Scoop with Patent Pending Quick Vent Channel.
4. Separation Chamber.

Air Scoop



NFPA 13 (2016)

7.1.5 Air Venting

A single air vent with a connection conforming to 8.16.6 shall be provided on each wet pipe system utilizing metallic pipe.

8.16.6* Air Venting

The vent required by 7.1.5 shall be located near a high point in the system to allow air to be removed from that portion of the system by one of the following methods:

- Manual valve, minimum 1/2" (15mm) size
- Automatic air vent
- Other approved means



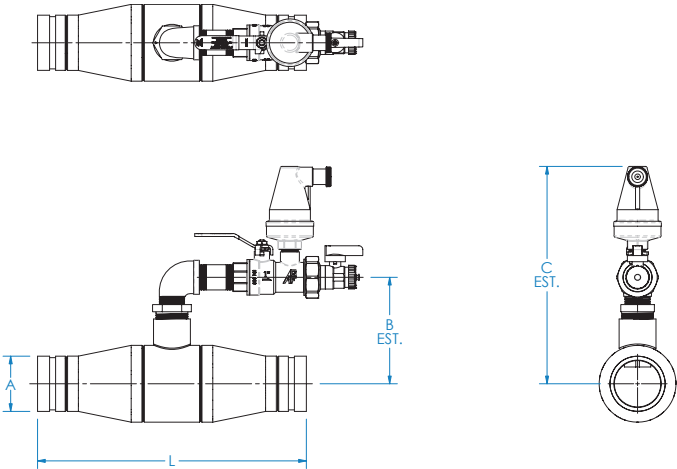
7610-2261 : 0500



Reliability, Versatility, Code Compatibility

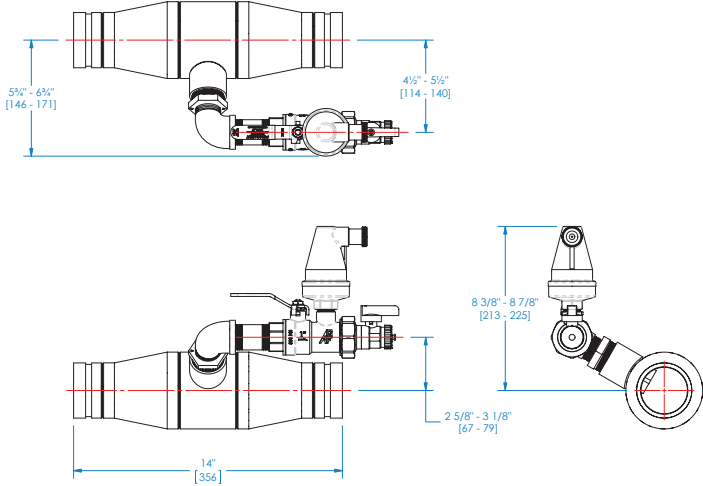
Model 7950ILV Dimensions

Typical Installation Orientation



ITEM ID	SIZE	A	B (EST.)	C (EST.)	L
7950A-20	2"	2 3/8" [60]	5 1/4" [133]	11 1/8" [283]	14" [356]
7950A-25	2 1/2"	2 7/8" [73]	5 1/2" [140]	11 3/8" [289]	14" [356]
7950A-30	3"	3 1/2" [89]	5 3/4" [146]	11 5/8" [295]	14" [356]

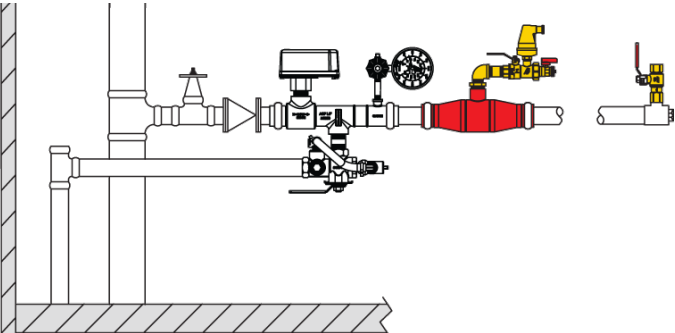
Alternative Installation Orientation (2" Model Shown)



ITEM ID	SIZE	A	B (EST.)	C (EST.)	L
7950A-40	4"	4 1/2" [114]	6 1/4" [160]	12 1/8" [309]	14" [356]
7950A-60	6"	6 5/8" [168]	7 7/8" [198]	13 3/4" [348]	18" [457]
7950A-80	8"	8 5/8" [219]	8 7/8" [225]	14 3/4" [375]	18" [457]

Model 7950ILV Installation Locations

AGF recommends installing the M7950ILV Automatic Air Venting Valve with Separation Chamber on the main supply line after the floor control assembly.



Item ID	Item Description
7950ILV-20	2" Collection Chamber and Air Scoop with M7900 Automatic Air Venting Valve
7950ILV-25	2½" Collection Chamber and Air Scoop with M7900 Automatic Air Venting Valve
7950ILV-30	3" Collection Chamber and Air Scoop with M7900 Automatic Air Venting Valve
7950ILV-40	4" Collection Chamber and Air Scoop with M7900 Automatic Air Venting Valve
7950ILV-60	6" Collection Chamber and Air Scoop with M7900 Automatic Air Venting Valve
7950ILV-80	8" Collection Chamber and Air Scoop with M7900 Automatic Air Venting Valve

Patent Pending



AGF Manufacturing Inc.
100 Quaker Lane, Malvern, PA 19355
Phone: 610-240-4900
Fax: 610-240-4906
www.agfmanufacturing.com

Job Name: _____
Architect: _____
Engineer: _____
Contractor: _____