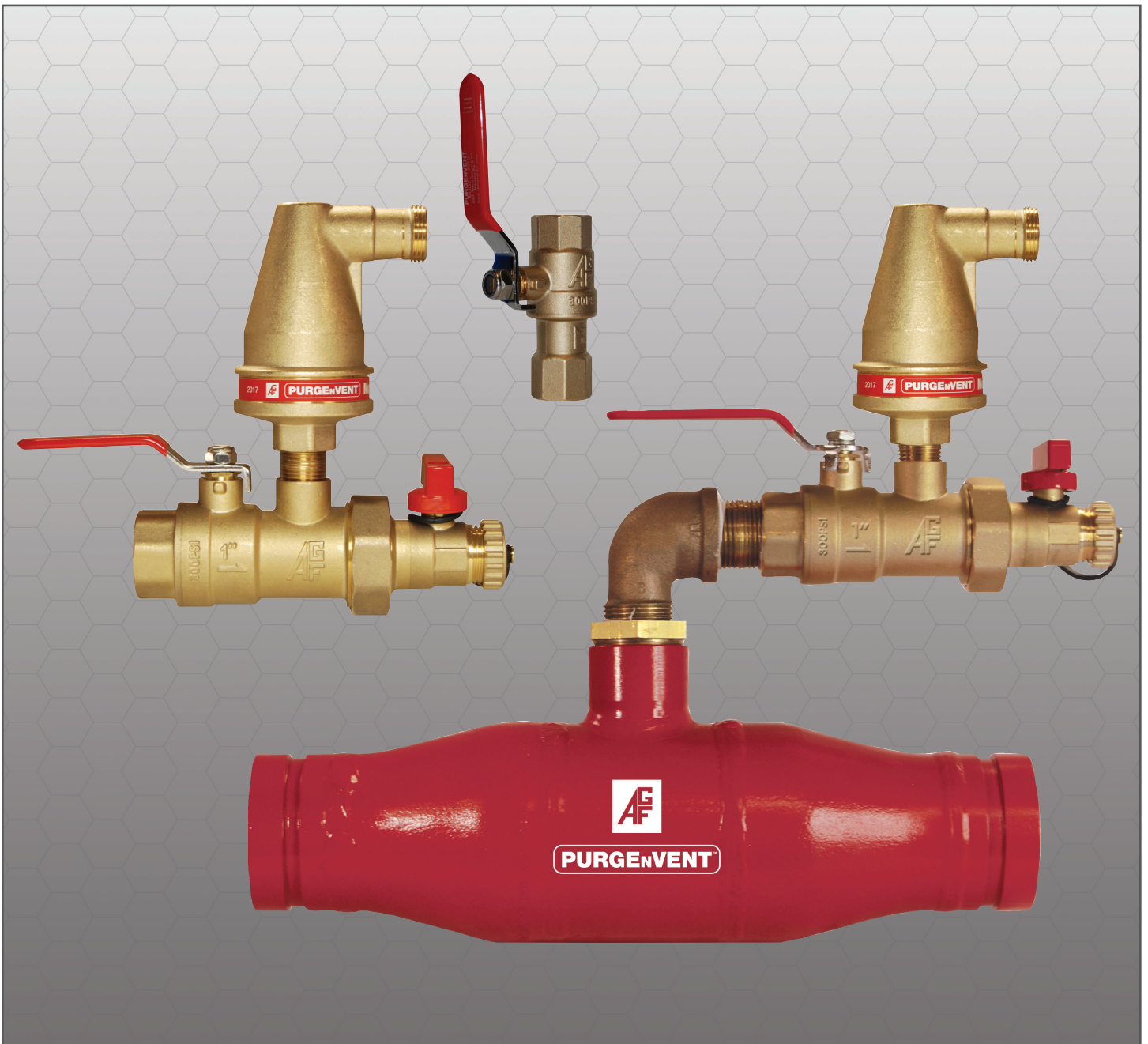




AGF Manufacturing Inc.

PURGENVENT™

**Manual and Automatic
Air Venting Valves**



BR-PURGENVENT_V001.01 5/17

Reliability, Versatility, Code Compatibility

Air Venting Valves

PURGE_nVENT™ Air Venting Valves are designed to work alone or in tandem to eliminate excess air from wet fire sprinkler systems and exceed the requirements of NFPA 13 (2016).



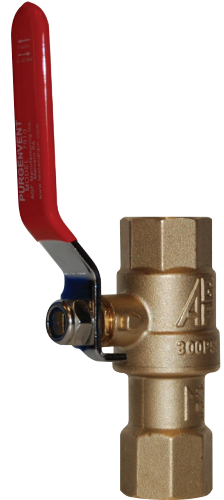
PURGE_nVENT™

Model 7910MAV Manual Air Venting Valve

The PURGE_nVENT Model 7910MAV Manual Air Venting Valve was designed to address NFPA 13 (2016) code requiring the addition of air venting valves on wet fire sprinkler systems.

The Model 7910MAV fulfills the minimum requirements of NFPA 13 (2016). AGF recommends installing a Model 7910MAV at the end of each branch line, at the highest and furthest point of the system, and at the top of supply risers to eliminate as much excess air as possible to help prevent corrosion.

Open the Model 7910MAV to vent air while filling the system and close the valve when the system is full. While the system is in operation the Model 7910MAV can be rapidly opened and closed to vent any air remaining in the system.



Item ID	Item Description
7910MAV	1/2" Manual Air Venting Valve



PURGE_nVENT™

Model 7900AAV Automatic Air Venting Valve

The PURGE_nVENT Model 7900AAV Automatic Air Venting Valve is a 1" ball valve, strainer, purge assembly, and automatic air vent.

This patent pending, one-piece isolation valve with strainer and purge with hose thread is designed to allow for the rapid purging of air from the pipes as the system is being filled and the automatic venting of air once the system is in operation. AGF recommends installing the Model 7900AAV at the end of system branch lines.

To purge air from the system while it is being filled attach a hose to the purge valve's outlet and open the valve while the system is being filled. The purge valve with hose thread is also convenient for periodic cleaning of the strainer.



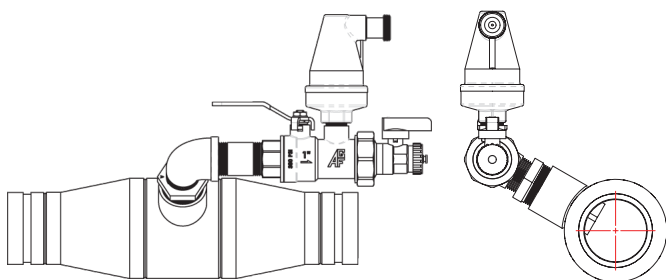
Item ID	Item Description
7900AAV	1" Automatic Air Venting Valve

**PURGE_nVENT™**

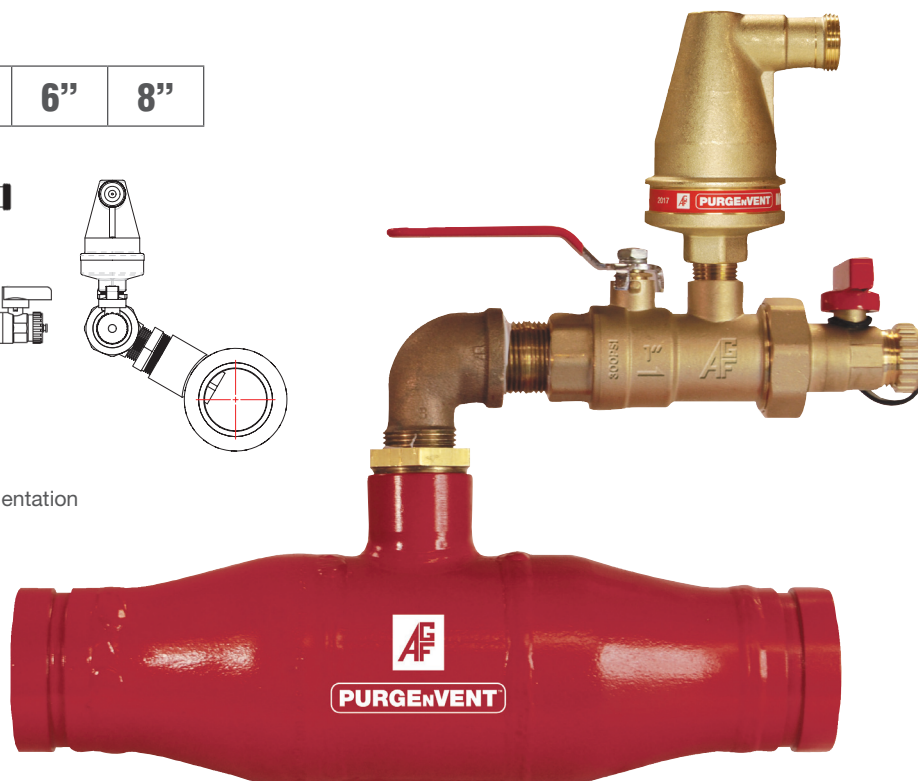
Model 7950ILV In-Line Automatic Air Venting Valve

Sizes:

2"	2½"	3"	4"	6"	8"
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Space Saving Orientation



The PURGE_nVENT Model 7950ILV In-Line Air Vent features a collection chamber designed to remove air from the system as it is being filled and provide a location for any air remaining in the system to be automatically vented when the system is in operation.

The M7950ILV's collection chamber has a larger diameter than the main supply line causing water entering the chamber to momentarily slow down and drop to the bottom as the air rises and is scooped into the venting assembly where it is released by the M7900AAV. As water exits the collection chamber the diameter is reduced back to the supply line's pipe diameter which pushes air back towards the collection assembly where it is scooped to the venting assembly and released by the M7900AAV. During system operation air seeks the larger diameter of the collection chamber where it is scooped into the venting assembly and released by the M7900AAV automatically.

AGF recommends installing the M7950ILV on the system's main supply line after the floor control assembly. If extra space is needed the collection chamber can be turned 45°.

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



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