



**WET-PIPE SPRINKLER SYSTEM ACCESSORIES**

**AIR RELEASE FOR WET-PIPE FIRE SPRINKLER SYSTEMS  
MODEL AARS**

**DESCRIPTION**

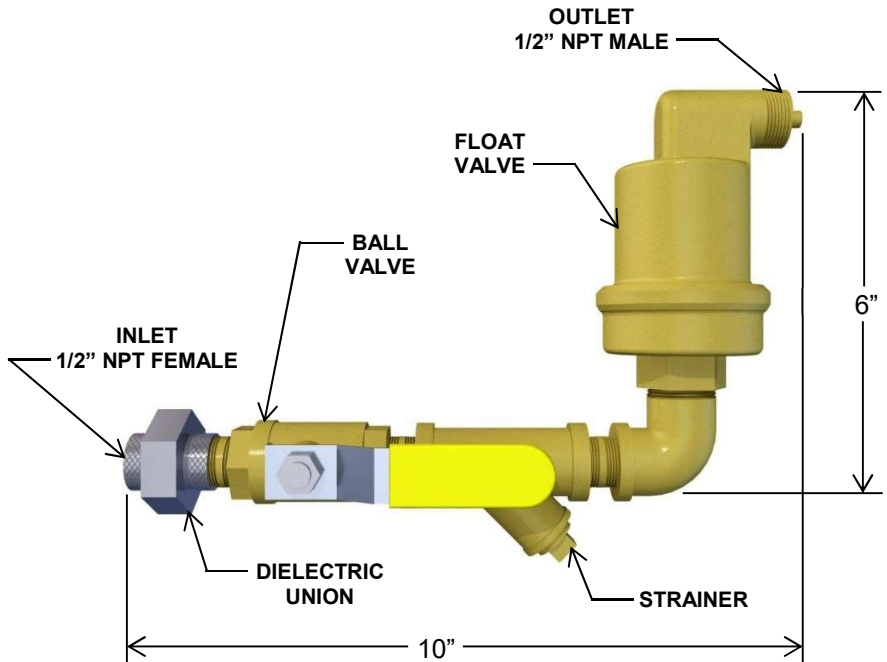
The **Huguenot Laboratories Model AARS Fire Sprinkler System Air Release** is a device for automatically releasing the trapped air from the high point(s) of a wet-pipe sprinkler system.

Trapped air contains oxygen, which, when combined with water, is the primary cause of internal pipe corrosion. This corrosion can lead to blockage, leaks, and pipe failure.

The **Huguenot Laboratories Model AARS** air vent is installed at the system high point(s). Air is vented until water reaches the internal float valve, which automatically closes the device to prevent water release.

**FEATURES AND BENEFITS**

- Dielectric union – Prevents dissimilar metal corrosion.
- Ball valve – Allows AARS servicing without sprinkler system shutdown.
- Float valve – Automatic shutoff of outlet when air is vented and water reaches device.
- Strainer – Protects float valve from particulate matter that could contaminate valve seat.
- Outlet tubing connection – Provides optional connection for remote draining.



NOTE: Dimensions are approximate.

Model No.	Temperature Range	Maximum Pressure
AARS	+40°F to +120°F	175 PSIG

**NFPA 13 REQUIREMENTS**

The 2016 edition of NFPA 13, *Standard for the Installation of Sprinkler Systems*, requires a method to vent trapped air in all new wet pipe sprinkler systems. The language of this requirement is:

**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.

**7.1.5.1** Venting from multiple points on each system shall not be required.

**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 using one of the following methods:

1. Manual valve minimum 1/2" size
2. Automatic air valve
3. Other approved means.

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