

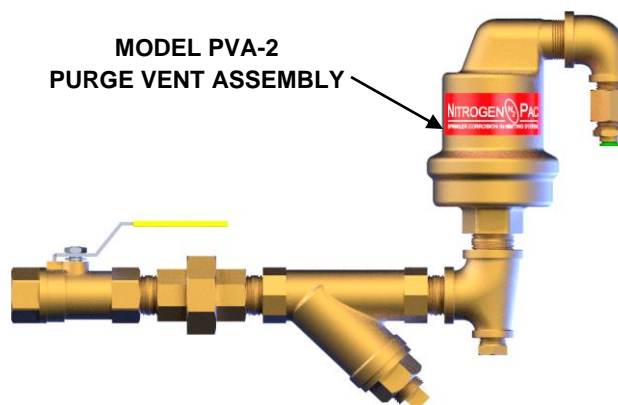
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## NITROGEN-PAC ACCESSORIES

### PURGE VENT ASSEMBLY – FIXED ORIFICE MODEL PVA-2

#### Description

The **UNITED Fire Systems Model PVA-2** is a device to purge air from the interior of pre-action sprinkler system piping, allowing a **NITROGEN-PAC™** sprinkler corrosion inhibiting system to replace the air with nitrogen. The purge vent assembly is connected to the sprinkler piping in the vicinity of the inspector's test connection. A float valve prevents the escape of water from the device in the event of opening of the pre-action valve and filling of the piping with water. A fixed orifice regulates the amount of gas leaving the piping. The purge vent also serves as the connection point for sampling tubing to a **TRUE ADVANCED PURGE™ (TAP)** automatic purge and permanently installed N<sub>2</sub> analysis device. A drain plug allows periodic draining of accumulated water.



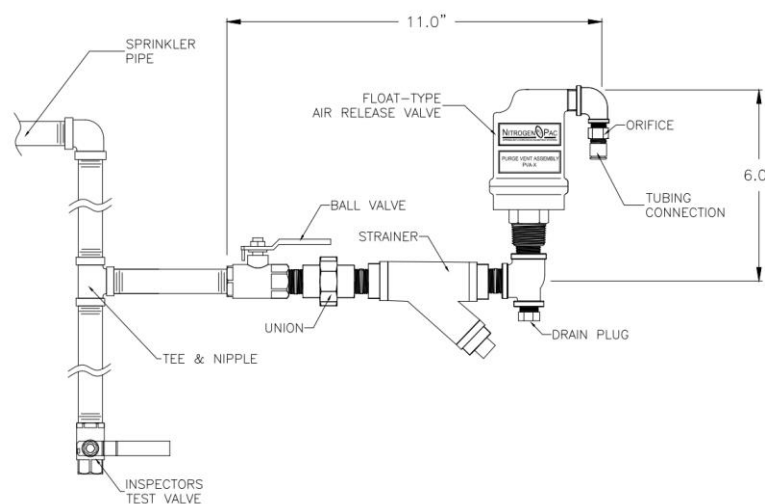
**FIGURE 1**

#### Specifications

- Model Number: PVA-2
- Orifice Size: 0.016 inch diameter
- Connection Point Type: Push-to-Connect Fitting for Sampling Tubing
- N<sub>2</sub> Measurement Method: **TRUE ADVANCED PURGE™ (TAP)** Device (see Data Sheet UFS-317B)
- **NITROGEN-PAC™** Product Series: Use with:
  - **Model SC-W** System
  - **Model SC-1** System
  - **Model SC-2** System
  - **M Series** Systems

#### Notes

1. **Model PVA-2** includes ball valve, union, strainer, drain plug, float valve, and sampling tubing connecting fitting.
2. Unit is factory assembled – DO NOT disassemble.



**FIGURE 2**

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This literature is provided for informational purposes only. United Fire Protection Corporation assumes no responsibility for the product's suitability for a particular application. The product must be properly applied to perform as intended.