

# WET PIPE CORROSION SOLUTIONS

## Wet System Inerting

The Potter AquaN<sub>2</sub> Kit is designed to quickly and effectively purge oxygenated air from a wet fire protection system and replace it with high purity nitrogen gas. Reducing the oxygen levels in wet fire protection systems is essential in protecting the system from the effects of oxygen related corrosion often found at the air water interface in the fire sprinkler piping.

## How It Works

Using the AquaN<sub>2</sub> Kit, which includes the Nitrogen Injection Manifold (NIM) and the Quick X-Haust Manifold (QXM), in combination with a Potter Automatic Air Release (PAAR-B) or Potter Air Vent (PAV) and a nitrogen source, can easily remove up to 99.9% of oxygen from a wet system.

By removing as much air as possible, the fire sprinkler system will have increased performance, eliminating delayed activation or cyclic activation of vane type waterflow detectors.

## Typical AquaN<sub>2</sub> Installation



**PAV**  
Air Vent



**PAAR-B**  
Air Vent with  
Drip Pan



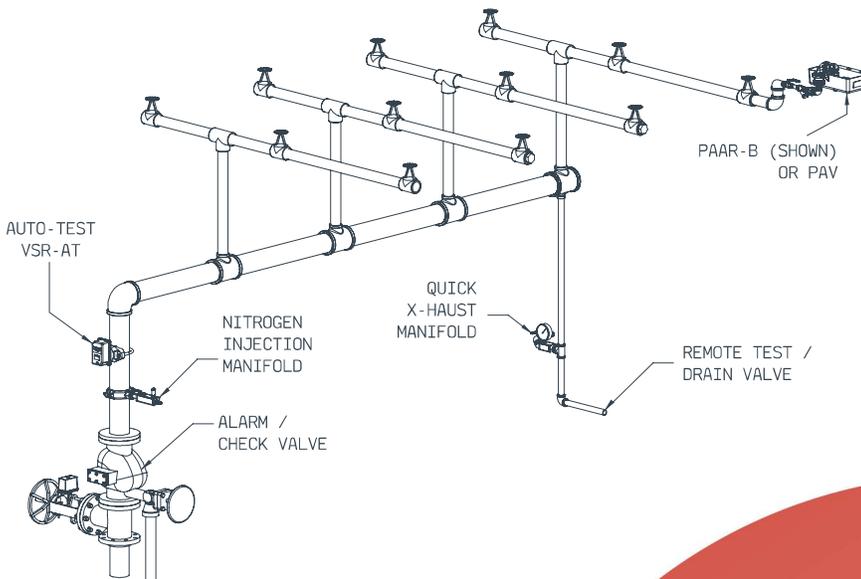
**NCPR**  
Cylinder  
Pressure  
Regulator



**PNA**  
Portable  
Nitrogen  
Analyzer



**VSR-AT**  
Automatic  
Test Flow  
Switch



**Quick X-Haust  
Manifold**



**Nitrogen Injection  
Manifold**

## FEATURES

- ✓ Quickly removes oxygen from wet pipe systems
- ✓ Extends life expectancy of sprinkler system by 2.8X
- ✓ Lowers sprinkler maintenance costs
- ✓ UL listed and FM approved Air Vents for fire sprinkler systems

## Ordering Information

Model	Description	Part #
AquaN <sub>2</sub> Kit	Nitrogen Injection Manifold and Quick X-Haust Manifold	1119500
PAV	Air Vent	1119720
PAAR-B	Air Vent w/ Drip Pan	1030001
NCPR	Nitrogen Cylinder Pressure Regulator w/ Hose	1119501
PNA	Nitrogen Analyzer	1119504
VSR-AT	Automatic Test Flow Switch	Varies