

WET PIPE CORROSION SOLUTIONS

Wet System Inerting

The Potter AquaN₂ 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 AquaN₂ 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 AquaN₂ Installation



PAV
Air Vent



PAAR-B
Air Vent with
Drip Pan



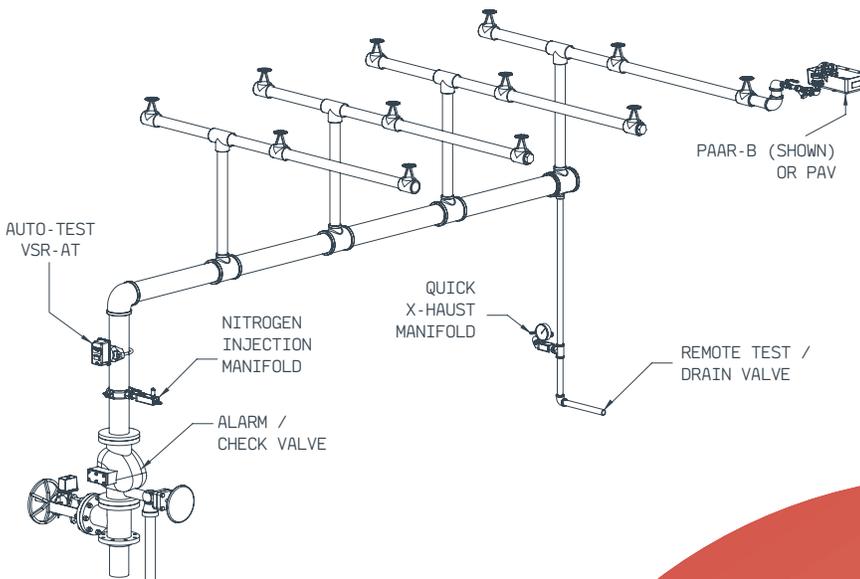
NCPR
Cylinder
Pressure
Regulator



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 ₂ 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

DRY PIPE CORROSION SOLUTIONS

Potter IntelliGen™ Nitrogen Generators

Potter's IntelliGen™ Series of Nitrogen Generators are specifically designed to generate on-site, 98%+ purity nitrogen for use in fire protection sprinkler systems. When used as a supervisory gas in fire sprinkler systems, nitrogen slows corrosion, improves the life of a system, and lowers maintenance costs. All IntelliGen™ Nitrogen Generators use nitrogen membrane technology for gas separation. Nitrogen membranes are a highly effective and cost conscious way of producing on-site nitrogen.

All systems include an integrated air compressor, nitrogen membrane, all air filtration equipment, tanks, and the Potter IntelliGen™ Controller. Potter's IntelliGen™ Controller ensures contractors the easiest setup and operation of any nitrogen generator system in the industry. Each unit is designed to be able to turn on and walk away. The built-in monitoring capabilities will make corrections and alert the user of any necessary changes.



Wall-Mount Units

Modular Units

Integrated Units

FEATURES

- ✓ Potter's IntelliGen™ Controller (Patent Pending)
 - ▶ Fully automates the air and nitrogen fill procedure
 - ▶ Advance leak rate detection
 - ▶ Integrated Bypass alarm
 - ▶ Web Enabled – system can be monitored anywhere there is internet connectivity and send email alerts
- ✓ FM Approved per Approval Standard 1035

Watch the Potter IntelliGen™ Nitrogen Generator overview video.

Visit: ptr.us/INS-overview



Typical IntelliGen™ Installation



INS-PV
IntelliPurge™ Nitrogen Purge Valve



NGP-SPV
Nitrogen Purge Valve



NAMD
Nitrogen Air Maintenance Device



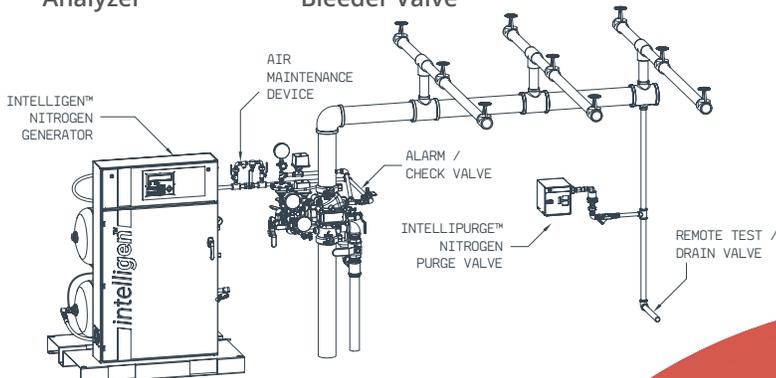
PNA
Portable Nitrogen Analyzer



BVL
Lever Type Bleeder Valve



Replacement Filters



Ordering Information

Model	Description	Part #
INS Series	IntelliGen™ Nitrogen Generator	Varies
INS-PV	IntelliPurge™ N ₂ Purge Valve	1119478
NGP-SPV	N ₂ Purge Valve	1119784
NAMD	Nitrogen/Air Maintenance Device	1119660
PNA	N ₂ Analyzer	1119504
BVL	Bleeder Valve	1000018
-	Replacement Filters	Varies