

Features

- Quickly removes oxygen from wet pipe systems, significantly reducing corrosion.
- Ensures that all trapped gas pockets are 98%+ Nitrogen Gas.
- Easy installation and maintenance.
- Designed for fast Nitrogen fill, eliminating any necessary downtime of fire sprinkler system.



WARNING

Not for use with plastic systems.

Description

The Potter AquaN₂ Kit is designed to quickly and effectively exhaust 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.

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. Also, 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.

Installation

The Nitrogen Injection Manifold must be installed just above the riser, while the Quick X-Haust Manifold must be installed on the remote test drain valve. An Air Vent (PAAR-B or PAV) must be installed on the furthest point from the riser.

NOTICE

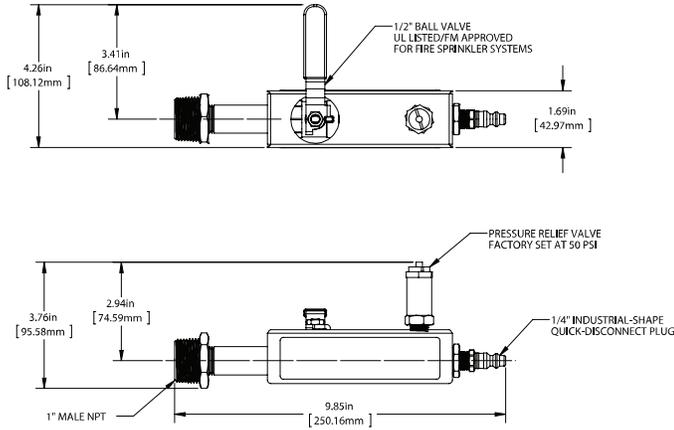
Install in accordance with AquaN₂ Installation Manual #5401540

Technical Specifications

Maximum Nitrogen Fill Pressure	Up to 40 PSIG
Operating Temperature Range	40°F - 120°F

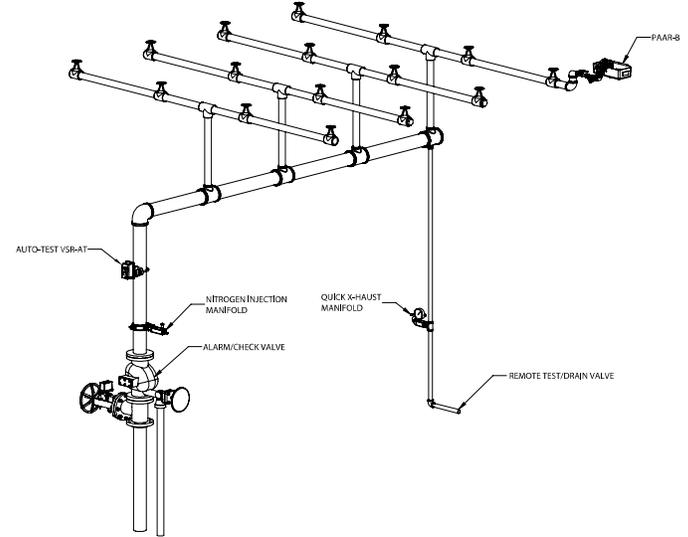
Nitrogen Injection Manifold Dimensions

Fig 1



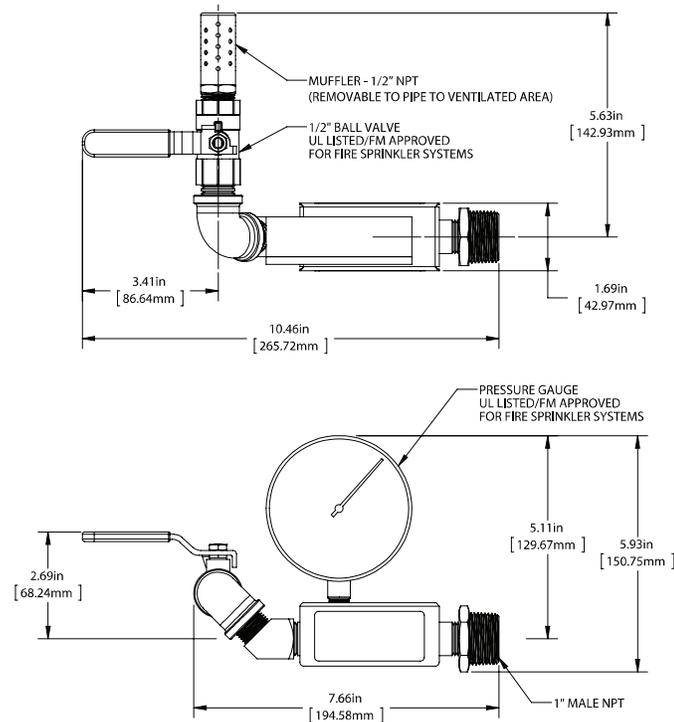
Typical System Diagram

Fig 3



Quick X-Haust Manifold Dimensions

Fig 2



Ordering Information

Model	Description	Stock No.
AquaN ₂ Kit	Nitrogen Injection Manifold and Quick X-Haust Manifold	1119500
PAV	Potter Air Vent	1119720
PAAR-B	Potter Automatic Air Release with secondary shut off valve	1030001