NITROGEN AIR MAINTENANCE DEVICE

POTTER CORROSION SOLUTIONS
The Symbol of Protection

Application: To keep supervisory nitrogen or air pressure at the correct level in dry and preaction sprinkler systems. Also used for the same purpose in the dry pilot line of a dry pilot actuated deluge valve.

Part #: NAMD – 1119660

Listings: UL/cUL, CE

Environmental: 35°F – 140°F (1.6°C – 60°C) and up to 99% relative humidity

Inlet Connection: ½ Inch NPT Female 200psi (13.79 bar) Max

Installation Bulletin #: 5403713

Code Requirements: NFPA 13-2019 section 8.2.6.6 requires that each dry pipe system with an air compressor capable of supplying equal to or greater than 5.5 ft3/min (160 L/min) at 10 psi (0.7 bar) be provided with a listed, dedicated air maintenance device.

Common Questions:

Q: How does an Air Maintenance Device (AMD) work?

A: The AMD reduces the downstream pressure to the level required (provided by the valve manufacturer) and allows small amounts of air/nitrogen to enter the system through a 3/32" orifice as needed for small leaks. When the system activates, the sudden loss of air/nitrogen overcomes the AMD's ability to supply air/nitrogen through the small orifice and allows the valve to open.

Q: Where does the AMD get installed?

A: The AMD is installed between an air or nitrogen supply (which is at a higher pressure than the pressure needed for the system to properly operate) and the dry or preaction sprinkler system.

FEATURES

- Corrosion resistant all brass construction
- 2" dial pressure gauge included
- Easily adjusted without tools

Ordering Information

Model	Description	Part #
NAMD	Nitrogen Air Maintenance Device	1119660

View more information about the Nitrogen Air Maintenance Device, including Engineering Specs. Visit: **pttr.us/NAMD**