



Advanced AMD Air Maintenance Device

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.

Details

- 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.

For more information, visit:



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

Ordering Information

Model	Description	Part #
NAMD	Advanced Air Maintenance Device	1119660