POTTER
The Symbol of Protection

Advanced AMD Air Maintenance Device

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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:

pttr.us/AAMD

- ✔ ***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