**Nitrogen Air Maintenance Device for use in commercial or residential application**

cULus Listed and CE approved Nitrogen Air Maintenance Device valve shall be furnished and installed where indicated on plans and drawings in accordance with all applicable local codes and standards and as required by the local AHJ. The device shall be designed for indoor and outdoor use in fire sprinkler systems for commercial or residential use for compliance to NFPA 13, 2016 and NFPA 25.

The Nitrogen Air Maintenance Device shall have the ability maintain supervisory nitrogen or air pressure at the correct level in dry pipe and preaction fire sprinkler systems. The device shall have the ability to control pressure in dry pilot line systems of dry pilot actuated deluge or preaction valves.

The Nitrogen Air Maintenance Device valve shall be equipped with a manual bypass to allow quick filling of sprinkler systems after operation or maintenance. The device must be installed between the nitrogen or air supply and the sprinkler system. Each sprinkler system must have a dependable nitrogen or air supply capable of filling the system within 30 minutes in accordance with NFPA standards. The device should be installed in an accessible location to permit periodic inspection and field adjustment.

The Nitrogen Air Maintenance Device shall be constructed of brass and contain a mesh strainer screen for filtering purposes.

Nitrogen Air Maintenance Device shall be model NAMD manufactured by Potter Electric Signal Company LLC.