

**CITY OF NEW YORK
DEPARTMENT OF BUILDINGS**

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner
MEA 206-02-E

Report of Material and Equipment Acceptance Division

Manufacturer – Tyco Valves & Controls, 9700 West Gulf Bank Road, Houston, Texas 77040.

Trade Name(s) – Tyco.

Product – Air/Nitrogen Maintenance Devices for dry pipe sprinkler system.

Pertinent Code Section(s) –RS 17-6A.

Test(s) – Reference Standard RS 17-6A (UL260).

Laboratory – Underwriters Laboratories Inc.

Test Report(s) – UL letter dated June 3, 2002, ML File No. 6025, issued August 31, 2001, and UL letter dated: AMD-1, February 21, 1978; AMD-2, January 16, 1984; and AMD-3, April 15, 1985.

Description – Automatic Air/Nitrogen Maintenance Devices for use in dry pipe sprinkler fire suppression systems.

Model	Type	Description	Max Inlet Air/Nitrogen Supply Pressure	Outlet Pressure Range	
				Field Adj	Factory Set
AMD-1	Pressure Reducing	Automatic Air Maintenance Device, field adjustable, for use in a Dry Pipe Sprinkler Systems, Preaction Systems, Or Dry Pilot Line Systems of Dry Pilot Actuated Deluge or Preaction Valves.	200 psi	5-60 psi	35 psi
AMD-2	Compressor Control	Automatic Air Maintenance Device, field adjustable device To control the on-off cycling of Air Compressors in Dry Pipe Sprinkler Systems, Preaction Systems, or Dry Pilot Line Systems of Dry Pilot Actuated Deluge or Preaction Valves With Pressure Switch Differential of 6 psi.	Cut-In (On) 14 psi Cut-Out (Off) 60 psi		35-41 psi
AMD-3	High Pressure Reducing	Nitrogen Maintenance Device, Field Adjustable Utilized in Conjunction with a Cylinder Of High Pressure Nitrogen to control Pressure in Dry Pipe Sprinkler Systems, Preaction Systems, or Dry Pilot Line Systems of Dry Pilot Actuated Deluge or Preaction Valves.	3000 psi (Inlet Gauge Range of 200-4000 psi and Outlet Gauge Range of 4-100 psi)	4-60 psi	

Pursuant to "Promulgation of the Rules relating to Material and Equipment Application Procedures" dated November 5, 1992, the Bureau of Fire Prevention has no objections letter dated July 23, 2002, F.P. Index 0206065.

Recommendation - That the above air/nitrogen maintenance devices be accepted on condition that all uses, locations and installations comply with the New York City Building Code, specifically Subchapter 17, and with the Reference Standard 17, the UL Listing, the manufacturer's instructions, the Fire Department Directives, and on further condition that:

1. Installation and use shall comply with all applicable New York City Codes, Rules, Regulations, and Testing requirements.
2. U.L. Listing requirements and limitations shall be complied with.
3. Manufacturer's installation, maintenance procedures, and limitations shall be complied with.

All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and acceptable for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance August 16, 2002

Examined by Mark J. Jahnke