

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.

Richard C. Visconti, R.A., Acting Commissioner
MEA 73-92-E Vol. XIV

Report of Material and Equipment Acceptance Division

Manufacturer - Air Products and Controls Inc., 1749 East Highwood Building G
Pontiac Michigan 48340.

Trade Name - Air Products and Controls Inc.

Product - Duct Smoke Detectors.

Pertinent Code Sections - 27-981.

Tests - UL 2 68A Smoke Detectors for Duct Application.

Laboratory - Underwriters Laboratories Inc.

Report - UL Listing Card File S2889(N) UROX dated, April 18, 1991.

Description - These duct smoke detectors are indented to detect an abnormal amount of smoke density in the air ducts of air conditioning and ventilating systems. The units are used to shut down blowers, operate dampers or notify a fire alarm system with the purpose of preventing smoke from circulating throughout the air duct system.

All models contain (2) 10-amp contracts and (1) 10-amp pilot contact, an alarm red visual indicator, a pilot green indicator and a manual reset switch.

The duct smoke detectors are listed for air velocities (feet per minute) of 500 minimum to 3000 maximum. The model numbers are as follows:

Model No.	Description
RW-024-N	The RW-024-N operates on either 24 volts A.C. or 24 volts D.C., and incorporates an ionization detection element.
RW-024-P	The RW-024-P operates on either 24 volts A.C. or 24 volts D.C., and incorporates a photoelectric detection element.
RW-UNI-N	The RW-UNI-N operates on either 24 volts A.C., 24 volts D.C., or 115 volts A.C., and incorporates an ionization detection element.
RW-UNI-P	The RW-UNI-P operates on either 24 volts A.C., 24 volts D.C., or 115 volts A.C., and incorporates a photoelectric detection element.

The following Relays are intended for general purpose relayswitching and incorporate multiple voltage operation with an L.E.D. relay energized feature. All models are listed by Underwriters Laboratories as Control Unit Accessories and are compatible with any control panel provided the voltages are within relay specifications. The model numbers are as follows:

Model No.	Description
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MR-101/C

Single SPDT 10-amp rely in enclosure operates on
24 V.AC./24 V.D.C./115 V.A.C./230 V.A.C.

MR-104/C

4-position SPDT 10-amp relay in enclosure operates on
24 V.A.C./24 V.D.C./11 V.D.C./115 V.A.C./230 V.A.C.

Recommendation - That the above units be accepted,, provided that all uses, locations, and installation shall comply with Article 17, Reference Standard RS-17 of the New York City Building Code, the Electrical Code of the City of New York, applicable Fire Prevention Directives, the manufacturer's instructions and U.L. Listing. 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

July 14, 1989

Examined By

Mark J. Kelly