

**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 the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, F.A.I.A., Commissioner

**MEA 7-04-E
Report of Material and Equipment Acceptance Division**

Manufacturer - Thomas & Betts, Reznor, 150 McKinley Avenue, Mercer, PA 16137.

Trade Names – Reznor/Thomas & Betts.

Product – Cooling and cooling/dehumidification make-up units.

Pertinent Code Section(s) - 27-770, 27-777.

Prescribed Tests - RS 13-6 (ANSI B9.1), RS 13-11 (UL1995).

Laboratories – Intertek Testing Services.

Test Report(s) – J99030766-001, dated March 29, 2000, rev. April 30, 2002.

Description - Packaged cooling and cooling/dehumidification make up units. Systems provide conditioned makeup air that will either function to satisfy space requirements or provide tempered air that will not add to existing equipment. The AHCA is designed to provide an average cooling supply air temperature of 55°F. Model AHDA is a cooling/dehumidification system include a full condenser reheat and are capable of conditioning 100% outside air to nominal 70-75°F with 50% relative humidity. R-22 is the refrigerant used for the system.

Model Size	Manufacturer's Specified Cooling Capacity Rating
AHCA-30	4.8 – 13
AHCA-40	10 – 13
AHCA-55	9 – 22
AHCA-70	13 – 30
AHDA-30	4.8 – 13
AHDA-40	10 – 13
AHDA-55	9 – 22
AHDA-70	13 – 30

Note: AHCA - 100% outside air packed cooling system. AHDA - 100% outside air package cooling system with dehumidification.

Recommendation - That the above described units, be accepted for indoor installation, under the following conditions:

- 1. All equipment shall be furnished with a permanently affixed metal tag, stating that if installed in New York City within 100 feet of any dwelling unit window, there shall be compliance with all provisions of Section 27-770, Subdivision 4, as to maximum sound levels permitted for exterior mechanical equipment.**
- 2. All shipments and deliveries of such equipment shall be provided with a tag, suitably placed, certifying that the equipment shipped or delivered are equivalent to those tested and acceptable for use as provided for in Section 27-770 of the Building Code.**
- 3. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.**

Final Acceptance 3/24/04

Examined by 