



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Robert D. LiMandri, Acting Commissioner
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Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 106-08-E

Manufacturer: TRANE
4811 South Zero Street
Fort Smith, AR 72903

Trade Name(s): TRANE or AMERICAN STANDARD

Product: Self-contained heat pump units
MEA Index #20-70 – Heat Pumps

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

Prescribed Test(s): RS 13-11B (ANSI B9.1), RS 13-13 (UL 1995, UL 559)

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): UL File SA11679 dated December 2007.

Description: Single-packaged, self-contained heat pumps units, Models **4WCY4030** and **4WCY4042**, designed for outdoor installation, rooftop or ground level. Units have hermetically sealed compressors, are air-cooled, employ evaporators, expansion valves and controls. Units employ refrigerant R410-A. An electrically operated reversing valve is provided to initiate the reverse heat cycle. These models meet 2007 Energy Star requirements. Units with model numbers, nominal heating and cooling capacities, are listed below:

Model No.	Nominal Cooling Capacity Rating (Btu/hr)	Nominal Heating Capacity Rating (Btu/hr)
4WCY4030A1000AA	30,000	27,600
4WCY4042A1000AA	42,000	40,500

Terms and Conditions: The above-described heat pump units are accepted under the following conditions:

- 1) Units are for residential use only.
- 2) Units shall use only Refrigerant R22.
- 3) If utilized for residence heating, the circulatory air system shall have (a) one register or grille without closable shutters and the duct leading thereto shall be without a damper, or (b) dampers and shutter within the system that shall be constructed or controlled so as to prevent closure beyond 80 percent of the gross duct area at all times.
- 4) All equipment shall be in compliance with all provisions of Section 27-770, Subdivision 4 of the New York City Building Code, as to maximum sound levels permitted for exterior mechanical equipment.
- 5) Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
- 6) Units shall be in compliance with the Energy Conservation Construction Code of New York State.
- 7) All equipment and deliveries of such equipment shall be suitably labeled certifying that the equipment shipped or delivered is equivalent to that tested and accepted for use, as provided in Section 27-131 of the New York City Building Code.

NOTE: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance June 25, 2008

Examined By Srin Deshpande