



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Robert D. LiMandri, Acting Commissioner
(212) 566-5000, TTY: (212) 566-4769

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 135-07-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 January 2006.

Description: Single-packaged, self-contained heat pumps units, **4WCY4 series**, designed for outdoor installation, rooftop or ground level. Units have hermetically sealed compressors, are air-cooled, employ evaporators, expansion valves and controls. They employ refrigerant R410-A. An electrically operated reversing valve is provided to initiate the reverse heat cycle. The 4WCY4 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)
4WCY4024A1000AA	23,600	22,400
4WCY4036A1000AA	36,000	34,600
4WCY4036A3000AA	36,000	34,600
4WCY4048A1000AA	47,000	46,000
4WCY4048A3000AA	47,000	46,000
4WCY4060A1000AA	58,000	57,000
4WCY4060A3000AA	58,000	57,000

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 R410-A.
- 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, 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 acceptable 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 18, 2008

Examined By Simon Derfudan