



# 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 49-08-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 – Heat Pumps

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

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

**Laboratory:** Underwriters Laboratories

**Test Report(s):** UL File SA11679 dated January 2006.

**Description:** Series **4WCZ6** are 3-ton thru 5-ton single packaged, self-contained heat pump units designed for outdoor installation, rooftop or ground level. Units have hermetically sealed compressors, are air-cooled, employ evaporator, expansion valves and controls. They employ refrigerant R410A. An electrically operated reversing valve is provided to initiate the reverse heat cycle. Units, with model numbers, heating and cooling capacities, are listed below:

Tonnage	Model No.	Cooling Capacity (Btu/hr)	Heating Capacity (Btu/hr)
3	4WCZ6036A1000AA	36,000	34,000
3	4WCZ6036A3000AA	36,000	34,000
3	4WCZ6036A4000AA	36,000	34,000
4	4WCZ6048A1000AA	47,500	44,500
4	4WCZ6048A3000AA	47,500	44,500
4	4WCZ6048A4000AA	47,500	44,500
5	4WCZ6060A1000AA	56,500	55,000
5	4WCZ6060A3000AA	56,500	55,000
5	4WCZ6060A4000AA	56,500	55,000

**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 R-410A.
- 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 May 20, 2008

Examined By Sun Derbhadra