



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 11-07-E

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

Trade Name(s): TRANE or AMERICAN STANDARD

Product: Self-contained air conditioners gas/electric heat
MEA Index #20 – Air Conditioning Equipment

Pertinent Code Section(s): 27-770, 27-777, 27-800, RS 14-2 (ANSI Z223.1)

Prescribed Test(s): RS 13-11B (ANSI B9.1), RS 13-11A (UL 1995, UL 465)
RS 14-6 (ANSI Z21.47)

Laboratory: Underwriters Laboratories, Inc.

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

Description: Single-packaged, self-contained combination gas heating / electric cooling units, **4YCY4 series**, designed for outdoor installation, rooftop or ground level. Heating section is provided with main burner, heat exchanger assembly, automatic spark ignition and induced draft blower assembly, and safety controls. Units have hermetically sealed compressors, are air-cooled, employ evaporators, expansion valves and controls. They employ refrigerant R410A. The 4YCY4 models meet 2007 Energy Star requirements and have an enhanced appearance by adding plastic grills, corners, and nameplates. Units with model numbers, heating and cooling capacities, are listed on the following page.

Type of Model Designation (*abc)	Nominal Cooling Capacity Rating (Btu/hr)	Number of Burners & Burner Tubes	Nominal Heating Input, Btu/hr Low Fire	Nominal Heating Input, Btu/hr High Fire
4YCY4024A1064*	24,000	2	48,000	64,000
4YCY4036A1075*	36,000	2	56,250	75,000
4YCY4036A1096*	36,000	3	72,000	96,000
4YCY4036A3075*	36,000	2	56,250	75,000
4YCY4036A3096*	36,000	3	72,000	96,000
4YCY4048A1096*	48,000	3	72,000	96,000
4YCY4048A1120*	48,000	3	90,000	120,000
4YCY4048A3096*	48,000	3	72,000	96,000
4YCY4048A3120*	48,000	3	90,000	120,000
4YCY4060A1120*	58,500	3	90,000	120,000
4YCY4060A3120*	58,500	3	90,000	120,000

Terms and Conditions: The above described air-conditioning/gas heating / electric cooling units are accepted under the following conditions:

- 1) Units are for residential use only.
- 2) Units shall use only Refrigerant R-410A and natural gas only.
- 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 Samin Derkshidan