



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, 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 79-99-E Vol. 2

Manufacturer: TRANE, 1515 Mercer Road, Lexington, KY 40511

Trade Name(s): T Series Climate Changer™ Air Handler

Product: Central station air handler units

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

Prescribed Test(s): RS 13-6 (ANSI B9.1), RS 13-11 (UL 1995)

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): File SA5348 dated November 26, 1997, revised May, 1999.

Description: Air handler units, suitable for outdoor installation. R-22 or R-410A is the refrigerants used for the system. Unit is comprised of evaporator coil and fan, capillary tubing and controls. Units, with model numbers, cooling and heating capacities, are tabulated below:

T Series	Nominal CFM	Nominal ⁽¹⁾ Heating Capacity (MBH)	Nominal ⁽²⁾ Cooling Capacity (MBH)
003	1660	97.2	66.0
006	2930	171.6	122.6
008	3770	220.8	159.3
010	4820	282.3	204.4
012	6150	360.2	260.9
014	7100	415.8	300.7
017	8400	491.9	355.8
021	10400	609.1	445.8
025	12200	714.5	522.5

T Series	Nominal CFM	Nominal⁽¹⁾ Heating Capacity (MBH)	Nominal⁽²⁾ Cooling Capacity (MBH)
030	14500	849.2	631.2
035	17050	998.5	737.2
040	19650	1150.8	822.7
050	24715	1447.4	997.3
057	28175	1673.6	1130.1
066	32815	1921.7	1275.3
080	39375	2305.9	1532.4
100	50200	3009.8	1926.4

Notes: ⁽¹⁾ Nominal heating capacity based on the following conditions:

- 23°F entering air temperature
- 77°F leaving air temperature
- 190°F entering water temperature
- 25°F water temperature drop

⁽²⁾ Nominal cooling capacity based on the following conditions:

- 80°F entering air temperature (dry bulb)
- 67°F leaving air temperature (wet bulb)
- 55°F leaving air temperature (dry bulb)
- 115°F liquid temperature
- 40°F saturated suction temperature

Terms and Conditions: The above-described units shall be installed under the following conditions:

1. Units shall be installed outdoors only.
2. Units shall use only Refrigerant R-22 or R-410A.
3. If utilized for residence heating, the circulatory air system shall have (a) one register or grille without closeable 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 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.
5. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, 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.

6. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
7. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.

Final Acceptance 12/18/07

Examined By Raymond Asand