

**CITY OF NEW YORK
DEPARTMENT OF BUILDINGS**

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division.

Satish K. Babbar, R.A., Acting Commissioner

**MEA 370-00-E
Report of Material and Equipment Acceptance Division**

Manufacturer – The Trane Company, 101 William White Boulevard, Pueblo, Colorado 81001.

Trade Name(s) – Trane.

Product – Self-contained air cooled liquid chillers.

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 SA8373, dated September 26, 2000.

Description – Central liquid chillers, Model RTAC, designed to chill water for circulation in commercial air conditioning systems. Chillers are designed for outdoor use. R134a is the refrigerant used for the units. The units are comprised of 2-4 helical rotary compressors, 2 refrigerant circuits, air-cooled condenser, shell and tube evaporator, electronic expansion devices and controls. Units are provided with a pressure-limiting device with a setting of 200 psi maximum for the low side, and 350 psi maximum for the high side. Units, with model numbers and cooling capacities are listed below:

Unit Model (RTAC)	Mfr.'s Specified Nominal Cooling Capacity (Tons)
140	140
155	155
170	170
185	185
200	200
225	225
250	250

Recommendation - That the above described packaged air cooled liquid chiller be accepted for outdoor installation only, when utilizing refrigerant R-134_a under the following conditions:

1. All equipment shall be furnished with a permanently affixed metal tag stating that if installed in New York City within 100 of any dwelling unit window, there shall be compliance with all provisions of Section 278-770, as to maximum sound levels permitted for exterior mechanical equipment.
2. 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 for in Section 27-131 of the Building Code.
3. Approval of electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance 11/17/2000
Examined By Suzanne M. Innes