

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 the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner  
MEA 124-03-E

Report Materials and Equipment Acceptance Division

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

Trade Name – Trane.

Product – Liquid chillers.

Pertinent Code Section(s) – 27-770, 27-777.

Prescribed Tests – RS 13-6 (ANSI B9.1), RS 13-11 (UL 1995).

Laboratory – Underwriters Laboratories Inc.

Test Report – File SA8373 dated April 2, 2003.

Description – Rotary water-cooled liquid chiller, designed for indoor installation. R-22 is the refrigerant used for the systems. Unit consists of semi-hermetic rotary screw type compressors, to be used with remote air-cooled condenser with two direct expansion refrigerant circuits, expansion valves and controls. Maximum high pressure cutout permitted by adjustable means is 180 psig. Units, with model number and cooling capacity are listed below:

Model No.	Mfr.'s Specified Nominal Cooling Capacity (Tons)
RTHDB1	175-200
RTHDB2	200-225
RTHDC1	225-275
RTHDC2	275-325
RTHDD1	325-400
RTHDD2	375-450

Recommendation - That the above described condenserless air cooled liquid chiller be accepted for indoor installation only, using refrigerant R-22, 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 feet of any dwelling unit window, there shall be compliance with all provisions of Section 27-770, 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 acceptable for use, as provided for in Section 27-131 of the Building Code.
3. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance

6/24/03

Examined by

*Bryan M. Kasan*