

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 215-03-E

Report of Materials and Equipment Acceptance Division

Manufacturer – The Trane Company, 4811 South Zero Street, Forth Smith, AR 72903.

Trade Name – Trane.

Product – Single package heat pump.

Pertinent Code Section(s) – 27-777.

Prescribed Tests – RS 13-6 (ANSI B9.1), RS 13-11 (UL1995).

Laboratory – Underwriters Laboratories, Inc.

Test Report – File SA7929, dated December 11, 1987, revised June 18, 2003.

Description – Heat pump units, designed for indoor installation. R-22 is the refrigerant used for the system. Unit comprises hermetically sealed compressor, tube-in-tube type water-cooled condenser with piping connections, evaporator, expansion valve and controls. An electrically operated reversing valve is provided to initiate the reverse heat cycle. Units, with model numbers and heating/cooling capacities, are listed below:

Model No.	Mfr.'s Specified Nominal Cooling Capacity BTUH	Mfr.'s Specified Nominal Heating Capacity BTUH
TCH048F100*	50,000	---
WCH048F100*	49,000	47,000
TCH060F100*	62,000	---
WCH060F100*	60,000	56,000

* Additional suffix letters and/or numbers to product performance.

Recommendation - That the above described water source heat pump units, in conjunction with compatible heat rejection equipment such as a cooling tower be accepted for indoor installation only, using refrigerant R-22, under the following conditions:

1. Cooling tower or other compatible outdoor heat rejection equipment, if installed within 100 feet of any dwelling unit window, complies 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 accompanied by a certificate or label 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

11/17/03

Examined by

Shyam M. Innes