

**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.

Ronny A. Livian, P.E., Acting Commissioner
MEA 47-02-E

Report of Material and Equipment Acceptance Division

Manufacturer – The Trane Company, 182 Colton Bell Parkway, McGregor, TX 76657-3411.

Trade Name(s) – Trane.

Product – Packaged water source heat pump units.

Pertinent Code Section(s) - 27-777.

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

Laboratory – Intertek Testing Services.

Test Report(s) – No. 3005703, dated September 20, 2001.

Description – Packaged water source 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 Tons	Mfr.'s Specified Nominal Heating Capacity BTUH
WPVJ-018	1.5	18,000
WPVJ-024	2.0	24,000
WPVJ-030	2.5	30,000
WPVJ-036	3.0	36,000
WPVJ-042	3.5	42,000
WPVJ-048	4.0	48,000
WPVJ-060	5.0	60,000
WPVJ-072	6.0	72,000

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, Subdivision 4, 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 electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance

3/15/02

Examined by

Stephen M. [Signature]