

**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 387-00-E
Report of Material and Equipment Acceptance Division**

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

Trade Name(s) – Trane or American Standard.

Product – Single packaged heat pump 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) – UL File SA7929 dated May 15, 1995, revised June 30, 1999.

Description – Single packaged heat pump units, model WCY, designed for outdoor installation. R-22 is the refrigerant used for the system. Unit consists of air-cooled condenser, hermetic sealed compressor, expansion valve, evaporator coil and controls. An electrically operated reversing valve is provided to initiate the reverse heat cycle. Units are provided with an internal relief assembly within the compressor. Units with model numbers, heating and cooling capacities are listed below:

| Model No. | Mfr.'s Specified Nominal Cooling Capacity (Tons) | Mfr.'s Specified Nominal Heating Capacity BTUH |
|------------------|---|---|
| WCY024 | 2.0 | 24,000 |
| WCY030 | 2.5 | 30,000 |
| WCY036 | 3.0 | 36,000 |
| WCY042 | 3.5 | 42,000 |
| WCY048 | 4.0 | 48,000 |
| WCY060 | 5.0 | 60,000 |

Recommendation - That the above described single packaged heat pump units be accepted for outdoor installation, when utilizing refrigerant R-22, under the following conditions:

- 1. If utilized for residence heating, the circulatory air system shall have (a) one register or grille without closable shutters and the duct leading thereto shall be without a damper or , (b) dampers and shutters within the system shall be constructed or controlled so as to prevent closure beyond 80 percent of the gross duct area at all times.**
- 2. 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 27-770, as to maximum sound levels permitted for exterior mechanical equipment.**
- 3. 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.**
- 4. Approval of electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.**

Final Acceptance 1/22/91
Examined By Styans [signature]