

**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.

Richard C. Visconti, R.A., Acting Commissioner

**MEA 196-00-E
Report of Material and Equipment Acceptance Division**

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

Trade Name(s) – Trane, American Standard.

Product – Split system heat pump units.

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

Prescribed Test(s) -RS 13-6 (ANSI B9.1), RS 13-11 (UL1995).

Laboratory – Underwriters Laboratories Inc.

Test Report(s) – File SA7929, dated November 1 and 2, 1994 and October 10, 1997.

Description – Split system heat pump units consisting of indoor section, model TWE matched with outdoor section, model TWA, designed for residential or light commercial application. R-22 is the refrigerant used for the system. The system comprises compressor, condenser and fan expansion valve, evaporator, reversing valve and controls. Units, with model numbers, cooling and heating capacities, are listed below.

Outdoor Condensing Unit Model No.	Indoor Evaporator Unit Model No.	Mfr.'s Specified Gross Cooling Capacity BTUH	Mfr.'s Specified Gross Heating Capacity BTUH
TWA090(A3,A4)	TWE090(A3,A4)	90,000	53,000 - 84,000
TWA120(A3,A4)	TWE120(A3,A4)	120,000	79,000 - 119,000
TWA180(B3,B4)	TWE180(B3,B4)	180,000	107,000 - 168,000
TWA240(B3,B4)	TWE240(B3,B4)	240,000	155,000 - 232,000

Note: Above units may be followed by an additional suffix numbers and letters.

Recommendation - That the above described split system heat pump units, be accepted, 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 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.
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 6/27/2000
Examined By Shyam M. Ghosal