

**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.

Patricia J. Lancaster, F.A.I.A., Commissioner

**MEA 188-04-E
Report of Material and Equipment Acceptance Division**

Manufacturer – Rheem Manufacturing Company, P.O. Box 17010, Fort Smith, AR 72917-7010.

Trade Name(s) – RUUD.

Product – 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) – File SA7930, dated February 2, 2004.

Description – Packaged heat pump units, Model UPMD, designed for outdoor installation. R410A 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. 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
UPMD 018	1.5	7,200
UPMD 024	2.0	23,600
UPMD 030	2.5	28,000
UPMD 036	3.0	30,600
UPMD 042	3.5	36,000
UPMD 048	4.0	49,000
UPMD 060	5.0	61,500

Recommendation - That the above described packaged heat pump units be accepted for outdoor installation only, when utilizing Refrigerant R410A, under the following conditions:

- 1. If utilized for residence heating, the circulatory air system shall have (a) one register or grille without a damper or, (b) dampers and shutters within the system shall be constructed for controlled so as to prevent closure beyond 80 percent of the gross duct area at all times.**
- 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 accepted for use, as provided for in Section 27-131 of the Building Code.**
- 3. Such equipment shall meet the requirements of Section 27-770, noise control of mechanical equipment, Subdivision 4, as to maximum sound levels permitted, when located within 100 feet of any dwelling unit window.**
- 4. A tag must be permanently affixed to the equipment 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 1208.3, noise control of mechanical equipment.**
- 5. Approval of electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.**

Final Acceptance 7/27/04

Examined By Sanya Khan