



# Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
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Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

## MEA 373-06-E

**Manufacturer:** Rheem Manufacturing Co., P.O. Box 17010, Fort Smith, AR 72917

**Trade Name(s):** Ruud

**Product:** Heat pump units

**Pertinent Code Section(s):** 27-770, 27-777

**Prescribed Test(s):** RS 13-11B (ANSI B9.1), RS 13-11A (UL 1995, UL 465), RS 14-6 (ANSI Z21.47)

**Laboratory:** Underwriters Laboratories, Inc.

**Test Report(s):** File SA7930, dated February 2, 2004, revised May 8, 2006

**Description:** Heat pump unit, Model UPNL, is designed for outdoor installation. R-410A is refrigerant used for system. Unit consists of hermetically-sealed condensers, air-cooled condenser with fan, electrically-operated reversing valve and safety controls. Units, with model numbers, cooling and heating capacities, are listed below:

Model No.	Mfr's. Specified Nominal Cooling Capacity (Tons)	Mfr's. Specified Nominal Heating Capacity (BTUH)
UPNL-018*	1.5	18,000
UPNL-024*	2.0	24,000
UPNL-030*	2.5	30,000
UPNL-036*	3.0	36,000
UPNL-042*	3.5	42,000
UPNL-048*	4.0	48,000
UPNL-060*	5.0	60,000

\* = Contain suffixes.

**Terms and Conditions:** The above-described heat pump units are accepted for outdoor installation only, under the following conditions:

1. Units shall use only Refrigerant R-410A.
2. If utilized for residence heating, the circulatory air system shall have (a) one register or grille without closeable shutters and the duct leading thereto shall be without a damper, or (b) dampers and shutter within the system that shall be constructed or controlled so as to prevent closure beyond 80 percent of the gross duct area at all times.
3. 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.
4. 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 in Section 27-131 of the New York City Building Code.
5. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
6. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.

Final Acceptance 10/26/06

Examined By Shyam Prasad