



# 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 83-07-E

**Manufacturer:** Rheem Manufacturing Co., P.O. Box 17010, Fort Smith, AR 72903

**Trade Name(s):** Rheem, Ruud, Weatherking

**Product:** Combination air-conditioning/gas-heating units

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

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

**Laboratory:** Underwriters Laboratories, Inc.

**Test Report(s):** File SA7930, dated December 15, 2005 and revised November 6, 2006

**Description:** Packaged gas/electric units, Series RKNL, consisting of electric cooling and gas heating, designed for outdoor installation. R-410 is the refrigerant used for the system. Unit is comprised of air-cooled condenser, hermetically sealed compressor, expansion valve, evaporator coil, fan motor, blower motor and electrically-operated safety controls. Units are provided with an internal relief assembly within the compressor. Units, with model numbers, cooling and heating capacities, are listed below:

Model No.	Cooling Capacity (Tons)	Heating Capacity (BTUH)
RKNL-A036*	3.0	40K, 60K, 80K, 100K
RKNL-A042*	3.5	40K, 60K, 80K, 100K
RKNL-A048*	4.0	60K, 80K, 100K
RKNL-A060*	5.0	100K

Note: \*denotes additional characters in model number

**Terms and Conditions:** The above-described air-conditioning/gas-heating units are accepted under the following conditions:

1. Units are for residential use only.
2. Units shall use only Refrigerant R-410A.
3. 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.
4. 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, subdivision 4, as to maximum sound levels permitted for exterior mechanical equipment.
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.
7. 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.

Final Acceptance 6/7/07

Examined By Stuyvesant