

**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 118-04-E
Report of Material and Equipment Acceptance Division**

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

Trade Name(s) – Ruud.

Product – Single package rooftop electric cooling and gas heat.

Pertinent Code Section(s) – 27-770, 27-777, 27-800, RS 14-2 (ANSI Z223.1).

Prescribed Test(s) -RS 13-11(UL465), RS 14-6 (ANSI Z21,47).

Laboratory – Underwriters Laboratories Inc.

Test Report(s) – File SA7930, dated July 1, 1998, revised November 25, 2003.

Description – Single packaged, heating/cooling unit designed for rooftop or outdoor installation. Heating section operates on natural gas, and cooling section employs refrigerant R-22. Heating portion consists of heat exchanger, main burners, automatic gas ignition pilot burner with thermocouple assembly, belt driven blower assembly, combination fan and temperature limiting devices and pertinent safety controls. Cooling section comprises hermetically sealed compressors, air cooled condenser, evaporator coil with blower, expansion valve, pressure limiting device and safety controls. Units, with cooling and heating capacities are listed below:

Model No.	Mfr.'s Specified Nominal Cooling Capacity Tons	Mfr.'s Specified Nominal Heating Capacity BTUH
RKNB-A102*	8.5	102,000
RKNB-A180*	15.0	180,000

Note: * - denotes additional suffixes in model numbers.

Recommendation - That the above described heating/cooling units be accepted for outdoor installation only, when heating section operates on natural gas, and cooling section employs 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 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.**
- 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 provisions with all provisions of Section 27-770, as to maximum sound levels permitted for exterior mechanical equipment.**
- 4. Approval of electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.**

Final Acceptance 6/25/04

Examined By Shyam M. Patel