

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 the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner
MEA 281-03-E

Report of Materials and Equipment Acceptance Division

Manufacturer – Rheem Air Conditioning Division for RUUD, P.O. Box 17010, Fort Smith, AR 72917-7010.

Trade Name – RUUD.

Product – Combination gas heat/electric cooling.

Pertinent Code Section(s) – 27-770, 27-777, 27-800, RS 14-6 (ANSI Z223.1).

Prescribed Tests – RS 13-6 (ANSI B9.1), RS 13-11 (UL1995), RS 14-6 (ANSI Z21.47).

Laboratory – Underwriters Laboratories Inc.

Test Report – File SA7930, dated July 1, 1998, revised July 18, 2001.

Description – Rooftop combination gas heating/electric cooling units, Model UKNB designed for outdoor installation. Heating section operates on natural gas and cooling system employs refrigerant R-22. Heating section is provided with main burner, heat exchanger assembly, automatic spark ignition burner and induced draft blower assembly, and safety controls. Units, with model numbers, cooling and heating capacities, are listed below:

Model No.	Mfr.'s Specified Nominal Cooling Capacity (tons)	Input Heating Rating BTUH
R KNB-A090	7.5	90,000
R KNB-A120	10.0	120,000

Recommendation - That the roof top 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 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, subdivision 4, 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 acceptable for use, as provided for in Section 27-131 of the Building Code.
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance 10/29/03
Examined by Sharon Rose