

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.

Satish K. Babbar, R.A., Acting Commissioner

MEA 368-00-E
Report of Materials and Equipment Acceptance Division

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

Trade Name – Rheem.

Product – Forced air furnaces.

Pertinent Code Section(s) – 27-800, 27-825, RS 14-2 (ANSI Z223.1).

Prescribed Tests – RS 14-6 (ANSI Z21.47).

Laboratory – Canadian Standards Associations.

Test Report – No. 157524-1005052, dated October 7, 1999.

Description – Downflow/horizontal gas fired air furnaces, model RGGD, designed for indoor installation. Unit consists of induced draft (power exhaust), aluminized steel main burner, heat exchanger assembly, pressure switch, intermittent ignition system comprising pilot burner and igniter (electrode), flame sensor, ignition module and combination gas pressure regulator. These are provided with a combination fan and temperature limit control set at 170°F, maximum and designed for operation at the temperature rise range of 30°F to 80°F. Units, with model numbers, and input heating ratings are listed below:

Model No.	Maximum Input Heating Rating BTUH
RGGD-06EMCKS	60,000
RGGD-07EMCKS	75,000
RGGD-09EMCKS	90,000
RGGD-10EMCKS	105,000
RGGD-12EMCKS	120,000

Note: Units may be installed on combustible flooring with the following minimum clearances to combustible construction: top - 1 inches; back - 0 inches; left side - 0 inches; right side - 0 inches; flue - 0 inches; floor - combustible; front - 2 inches closet.

Recommendation - That the above described downflow/horizontal forced air furnaces, be accepted for indoor installation with minimum clearances given above, when using natural gas only, 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. If furnace is installed in combination with a cooling system, then the cooling system shall be MEA accepted.
3. 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 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 12/25/2000

Examined by Shyam D. Insa