

**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 272-00-E
Report of Materials and Equipment Acceptance Division**

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

Trade Name – Rheem.

Product – Gas fired forced air furnaces.

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

Prescribed Tests – RS 14-6 (ANSI Z21.47a-1999).

Laboratory – Canadian Standards Associations.

Test Report – 1025055 (FBR 113210-5) dated June 22, 2000.

Description – Combination upflow/horizontal gas fired air furnaces, model FGRJ, designed for indoor installation. Unit consists of direct drive blower, induced draft system, main burner, heat exchanger assembly, intermittent ignition system comprising pilot burner and igniter flame sensor, ignition control and combination gas pressure regulator. Units are provided with pressure switch, high limit switch and vent safety switch. Units, with model numbers, and input ratings are listed below:

Model No.	Input Heating Rating BTUH
FGRJ-04*	45,000
FGRJ-06*	60,000
FGRJ-07*	75,000
FGRJ-09*	90,000
FGRJ-10*	105,000
FGRJ-12*	120,000

- Notes:**
- 1. * with additional letters.**
 - 2. Minimum installed clearances from combustible construction shall be in accordance with RS 14-15 of the New York City Building Code.**

Recommendation - That the above described upflow/horizontal forced air furnaces, designed for indoor installation, be accepted for use with 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 cooling system, then heating/cooling system shall be MEA accepted.
3. This acceptance does not include any vent damper device, which may be added to the installation.
4. Provision for combustion air ventilation air shall be made in accordance with Section 27-807 and other applicable Code requirements.
5. 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.
6. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance Sept. 25, 2000

Examined by Stacy M. Jones