



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
(212) 566-5000, TTY: (212) 566-4769

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 129-03-E Vol. 3

Manufacturer: Goodman Company, L. P., 5151 Sage Plaza, Suite 500, Houston, TX 77257

Trade Name(s): Goodman, Amana

Product: Combination heating and cooling units

Pertinent Code Section(s): 27-770, 27-777, 27-800

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

Laboratory: Intertek ETL Semko

Test Report(s): No. 3056810-001, dated November 5 2004.

Description: Combination heating and cooling units, series APG13 and GPG13, are contained in single cabinets. The gas-fired heating section has input rates ranging from 46,000 Btu/hr to 138,000 Btu/hr. The AFUE rating for the heating section is 80% for all models. The cooling section is all electric, utilizing a vapor-compression refrigeration cycle with R-22 as the working fluid. SEER rating is 13.

Application Description

The APG13 and GPG13 model series are suitable for use in residential and light commercial applications. These models are approved for outdoor use only and are acceptable for use with natural gas only. These units may be installed with horizontal ducts for horizontal airflow and down shot ducts for down flow airflow. Venting of gas-fired heat exchanger is self-contained; no additional venting is required.

APG13 Models

Model No.	Heat Input (Btu/hr)	No. Burners	Cooling Capacity, Tons	AFUE, %	SEER
APG13240451**	46,000	2	2	80	13
APG13240701**	69,000	3	2	80	13
APG13300451**	46,000	2	2½	80	13
APG13300701**	69,000	3	2½	80	13
APG13360451**	46,000	2	3	80	13
APG13360701**	69,000	3	3	80	13
APG13360901**	92,000	4	3	80	13
APG13420701**	69,000	3	3½	80	13
APG13420901**	92,000	4	3½	80	13
APG13480701**	69,000	3	4	80	13
APG13480901**	92,000	4	4	80	13
APG13481151**	115,000	5	4	80	13
APG13600901**	92,000	4	5	80	13
APG13601151**	115,000	5	5	80	13
APG13601401**	138,000	6	5	80	13

**Denotes minor product changes, color, etc.

GPG Models

Model No.	Heat Input (Btu/hr)	No. Burners	Cooling Capacity, Tons	AFUE, %	SEER
GPG13240451**	46,000	2	2	80	13
GPG13240701**	69,000	3	2	80	13
GPG13300451**	46,000	2	2½	80	13
GPG13300701**	69,000	3	2½	80	13
GPG13360451**	46,000	2	3	80	13
GPG13360701**	69,000	3	3	80	13
GPG13360901**	92,000	3	3	80	13
GPG13360903**	92,000	4	3	80	13
GPG13360904**	92,000	4	3	80	13
GPG13420701**	69,000	4	3½	80	13
GPG13420901**	92,000	3	3½	80	13
GPG13480701**	69,000	4	4	80	13
GPG13480901**	92,000	3	4	80	13
GPG13480903**	92,000	4	4	80	13
GPG13480904**	92,000	4	4	80	13
GPG13481151**	115,00	4	4	80	13
GPG13600901**	92,000	5	5	80	13
GPG13600903**	92,000	4	5	80	13
GPG13600904**	92,000	4	5	80	13
GPG13601151**	115,000	4	5	80	13
GPG13601401**	138,000	6	5	80	13
GPG13601403**	138,000	6	5	80	13
GPG13601404**	138,000	6	5	80	13

**Denotes minor product changes, color, etc.

Terms and Conditions: The above-described combination heating and cooling units are accepted under the following conditions:

1. Units are for outdoor installation only.
2. Heating section can operate on natural gas only, and cooling section employs only refrigerant R-22.
3. 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.
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
5. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
6. 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 New York City Building Code.

Final Acceptance 10/11/07

Examined by Stephen Prans