



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 374-05-E

Manufacturer: Bryant Heating and Cooling, 7310 West Morris Street, Indianapolis, IN 46231

Trade Name(s): Bryant Gas Furnace

Product: Direct-vent gas-fired condensing furnaces

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

Prescribed Test(s): RS 14-6 (ANSI Z21.64)

Laboratory: CSA International

Test Report(s): Report No. 1150574-1012324H, dated January 30, 2006

Description: 4-way multipoise fixed capacity condensing gas furnace designed for indoor installation. Unit consists of aluminized steel primary heat exchanger assembly, laminated 409-stainless steel condensing heat exchangers, hot surface ignition system comprised of an igniter, flame sensor and combination gas-pressure regulator, PSC blower motor, furnace control, inducer motor. Units are provided with temperature limit control. Furnace is CSA-design-certified for use with natural gas only.

Model No.	Input Rating (BTUH)
340AAV024040	40,000
340AAV036040	40,000
340AAV024060	60,000
340AAV036060	60,000
340AAV036080	80,000
340AAV048060	60,000
340AAV048080	80,000

340AAV048100	100,000
340AAV060080	80,000
340AAV060100	100,000
340AAV060120	120,000
340AAV060140	138,000

Notes: 1. Installation Clearances: For indoor installation in an alcove or closet with the following minimum clearances to combustible construction:

- A) Top: 1 Inch
- B) Front: 3 Inch
- C) Vent: 0 Inch
- D) Rear: 1"* horizontal position only, and 1" to rear of 138,000 BTUH unit all positions
- EL) Left Side: 1"* horizontal position only, 0" for 138,000 unit
- ER) Right Side: 1"* horizontal position only, 0" for 138,000 unit
- F) Floor: Combustible** and non-combustible. #
- G) Line Contact: Yes

* 0 " for upflow and downflow positions

** 1" clearance for 120,000 and 138, 000 BTUH in horizontal position

Must use special base for downflow position

2. All models when installed in the downflow position must use floor base model number KGAASB0201ALL for combustible flooring.
3. Units may be vented horizontally.

Terms and Conditions: The above-described direct-vent condensing-type forced-air furnace is accepted under the following conditions:

1. Units shall be installed indoors with minimum clearances as given above.
2. Only natural gas shall be used.
3. If utilized for residence heating, the circulatory air system shall have (a) one register or grille with closable shutters and the duct leading thereto shall be without a damper, or (b) dampers and shutters within the system that are constructed or controlled so as to prevent closure beyond 80 percent of the gross duct area at the time.
4. If furnace is installed in combination with a cooling system, then cooling system must be MEA-accepted.
5. No automatic flue damper device shall be installed in conjunction with these units.

6. All shipments and deliveries of such equipments shall be provided with a metal tag certifying that the equipment shipped or delivered are equivalent to those tested and acceptable for use, as provided for in Section 27-131 of the Building Code.
7. Approval of all electrical equipment, apparatus, material and devices shall be obtained from the Electrical Advisory Board before installation.
8. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.

Final Acceptance August 2, 2006

Examined by Sius Derkhdam