



# 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 376-05-E

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

**Trade Name(s):** Bryant Plus 90T

**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. 1150574-1012324F dated January 30, 2006

**Description:** 4 way multipoise highly-efficient condensing gas furnaces 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.

Model Numbers	Input Rating (BTUH)
352AAV036060	60,000
352AAV036080	80,000
352AAV048080	80,000
352AAV048100	100,000
352AAV060100	100,000
352AAV060120	120,000

**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 Inches
- C) Vent: 0 Inch
- D) Rear: 1"\* horizontal position only, and 1" to rear of 138,000 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 positions

# Must use special base for downflow position

2. All models, when installed in the downflow position for combustible flooring 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 is accepted under the following conditions:

1. Unit shall be installed indoors with the minimum clearances to combustible construction as stated above.
2. Units shall be fired by natural gas only.
3. If utilized for residence heating, the circulatory air system shall have (a) one register or grille without 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 all times.
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 equipment shall be provided with a metal tag certifying that the units 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 installed and used in compliance with the Energy Conservation Construction Code of New York State

Final Acceptance August 2, 2006

Examined by Sven Derk Hudson