



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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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 381-05-E

Manufacturer: Carrier Corp , 7310 West Morris Street, Indianapolis, Indiana 46231

Trade Name(s): Carrier

Product: Direct-vent gas-fired condensing furnaces Series 58

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. 1150574-1012324D 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.

Model Numbers	Input Rating BTUH
58MCB040-08	40,000 BTUH
58MCB040-12	40,000 BTUH
58MCB060-08	60,000 BTUH
58MCB060-12	60,000 BTUH
58MCB080-12	80,000 BTUH
58MCB060-16	60,000 BTUH
58MCB080-16	80,000 BTUH

58MCB100-16	100,000 BTUH
58MCB080-20	80,000 BTUH
58MCB100-20	100,000 BTUH
58MCB120-20	120,000 BTUH
58MCB140-20	138,000 BTUH

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 BTUH unit
- ER) Right Side: 1"* horizontal position only, 0" for 138,000 BTUH 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

All models when installed in the downflow position for combustible flooring must use floor base model number KGAASB0201ALL.

2. 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. 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 shall be 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 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 installed and used in compliance with the Energy Conservation Construction Code of New York State.

Final Acceptance July 28, 2008

Examined by Sjun Derkhdam