

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 Materials and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner

MEA 273-03-E

Report of Material and Equipment Acceptance Division

Manufacturer - International Comfort Product Corporation, USA, 650 Heil Quaker Avenue, Lewisburg, Tennessee 37091.

Trade Name(s) - Arcoaire, Comfortmaker, Tempstar, Heil.

Product - Gas fired forced air furnaces.

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

Prescribed Test(s) - RS 14-6 (ANSI Z21.47).

Laboratory - CSA International.

Test Report(s) - CSA 157229-1360507, dated July 16, 2003.

Description - Multi-position, single speed, induced draft gas fired furnaces, Model N8MPN, designed for indoor installation. Unit consists of variable motor main burner, aluminized steel heat exchanger assembly, hot surface ignition system, PSC motor, and combination gas pressure regulator. Units are provided with a temperature limit control, and flame rollout switch. Units with model numbers and nominal heating capacities are listed below.

Model No.	Mfr.'s. Specified Nominal Heating Capacity BTUH
N8MPN050B12	50,000
N8MPN075B12,F16	75,000
N8MPN100F14,F20, J22	100,000
N8MPN125J20, J22	125,000

* - T - Tempstar; C - Comfortmaker; H - Heil/Arcoaire.

Notes: 1. Unit may be installed on combustible flooring. Minimum installed clearances from combustible construction shall be as follows: top-1 inch; front- 3 inches; back- 0 inches; left and right sides- 0 inches.

Recommendation - That the above described air furnaces be accepted for indoor installation with minimum clearances given above, when using 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 closable shutters and 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.
2. If furnace is installed in combination with a cooling system, then cooling system must be MEA accepted.
3. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, 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.
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance DEC/30/03

Examined By S Derfliden