

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 257-03-E

Report of Material and Equipment Acceptance Division

Manufacturer – ECR International Ltd., 6800 Baseline, P.O. Box 900, Wallaceberg, ON CA N8A 5E5.

Trade Name(s) – Olsen, Arco, Oneida Royal, Royal Air, Retro, EnviroAir.

Product – Forced air furnaces.

Pertinent Code Section – 27-800, 27-826, RS 14-2 (ANSI Z223.1).

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

Laboratory – CSA International.

Test Report(s) – No. 1062589 dated October 11, 2002.

Description – Forced air furnaces, model GTH Series, designed for indoor installation. Units comprise main burners, heat exchanger assembly, temperature limit control, induced draft system and ignition system which includes a pilot burner, an igniter, a flame sensor, and combination gas control which contains dual auto valve, gas pressure regulator, gas filter and manual valve. Units, with model numbers and input heating rating capacities, are listed below:

Model No.	Manufacturer's Specified Input Heating Rating BTUH (Max.)
GTH050	50,000
GTH070	70,000
GTH085	85,000
GTH100	100,000

Installation - Units may be installed on combustible flooring. Units shall be installed with the following minimum clearances to combustible construction: top - 1 inch; front – 2 inches; flue - 0 inches; rear – 0 inches; left side - 0 inches; right side - 0 inches; certified for closet installation.

Recommendation - That the above described forced air furnaces, be accepted for use fired by fuel oil not heavier than No. 2 only, under the following conditions:

1. 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 for controlled so as to prevent closure beyond 80 per cent of the gross duct area at all times.
2. If furnace is installed in combination with cooling system, then cooling system must be MEA accepted.
3. This acceptance does not include any vent damper device, which may be added to the installation.
4. Provision for combustion air and ventilation air shall be made in accordance with Section 27-807 and other applicable code requirements.
5. All shipments and deliverers of such equipment shall be provided with a metal tag, suitably placed, 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 Building Code.
6. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance

11/21/03

Examined by

Sharon. [Signature]