

**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 253-03-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 – Direct vent 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. 1140450 dated October 11, 2002.

Description – Direct vent forced air furnaces, model GTM 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.)
GTM050	50,000
GTM070	68,000
GTM085	85,000
GTM100	100,000

Minimum Clearances to Combustible Construction (Inches)

All Models Upright

Top A	Front B	Flue C	Back D	Left Side EL	Right Side ER	Floor F
1"	3"	6" *	0"	0"	0"	Combustible

For Horizontal Left or Right

Top	Front	Flue	Back	Supply Side	Return Side	Floor
2"	3"	6" *	0"	6"	0"	Combustible

All models are certified for closet installation.

* 6" for C Vent, 1" for B1 Vent.

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 Shyam J. Jaiswal