



# Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Robert D. LiMandri, Acting 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 144-08-E

**Manufacturer:** ECR International Ltd. – Olsen Division  
6800 Base Line, Wallaceburg, Ontario N8A 5E5  
CANADA

**Trade Name(s):** Olsen, Airco, Oneida Royal, Climate Energy

**Product:** Gas-fired furnaces  
MEA Index #370-30 – Furnaces

**Pertinent Code Section(s):** 27-800, 27-825, 27-886, RS 14-2 (ANSI Z223.1)

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

**Laboratory:** Canadian Standards Association International

**Test Report(s):** Report No. 1721309 dated October 31, 2006.

**Description:** High-efficiency, gas-fired furnaces for indoor residential installation. Units are comprised of induced drafts, main burners, heat exchanger assemblies, pressure switches, intermittent ignition systems comprising of pilot burners and igniters (electrodes), flame sensor ignition modules and combination gas-pressure regulators. Units, with model numbers and input heating ratings, are listed below:

Model No.	Input Ratings (Btu/hr)
GTHB040-2	40,000
GTHB060-3(E)	60,000
GTHB080-3(E)	80,000
GTHB080-4	80,000
GTHB100-3(E)	100,000
GTHB100-5	100,000
GTHB120-5	120,000

**Terms and Conditions:** The above-described high-efficiency, gas-fired furnaces are accepted for residential use under the following conditions:

1. Minimum installed clearances from combustible construction shall be in accordance with RS 14-15 of the New York City Building Code.
2. Furnaces shall be installed indoors only.
3. Furnaces shall use natural gas only.
4. If utilized for residence heating, the circulatory air system shall have (a) one register or grilled 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.
5. If furnace is installed in combination with a cooling system, then the cooling system shall be MEA-accepted.
6. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
7. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
8. All shipments and deliveries 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 accepted for use, as provided in Section 27-131 of the New York City Building Code.

Final Acceptance August 7, 2008

Examined By Simon Derkudam