



# Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, 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 98-07-E

**Manufacturer:** Lochinvar Corporation, 300 Maddox Simpson Parkway, Lebanon, Tennessee 37090

**Trade Name(s):** EnergyRite

**Product:** Gas-fired pool heater

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

**Prescribed Test(s):** RS 14-6 (ANSI Z21.56)

**Laboratory:** CSA International

**Test Report(s):** CSA #189136-1855071, dated February 19, 2007.

**Description:** Gas-fired pool heater, ERN Series, designed for indoor or outdoor installation. Unit is comprised of heat exchanger, stainless steel main burner, a direct spark ignition system comprised of a flame sensor, igniter, ignition module and combination gas valves with built-in pressure regulator and ASME-relief valve. Units are provided with hot water thermostat to limit pool water to 104 degrees Fahrenheit, maximum. Units, with model numbers and input heating rates, are listed below:

Model No.	Input Heating Rate (Btu/Hr)
ERN152	150,000
ERN202	200,000
ERN252	250,000
ERN302	300,000
ERN402	400,000

**Terms and Conditions:** The above pool water heaters are accepted under the following conditions:

1. Units shall be fired by natural gas only.
2. Units shall be installed on non-combustible flooring. Minimum installed clearances from combustible construction shall be as follows: top – 3 inches (24 inches suggested for service), front – alcove, flue connection – 6 inches, sides – 3 inches (right side 24 inches suggested for service), back (outdoor) – 3 inches, back (indoor) – 6 inches.
3. Outdoor installation shall be equipped with a special vent cap supplied by the manufacturer.
4. Units shall not be installed in any enclosed space with a volume of less than 100 cubic feet.
5. Approval of all electrical equipment apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
6. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
7. 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.

NOTE: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance November 1, 2007

Examined BY Srin Derksham