

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 245-03-E

Report of Material and Equipment Acceptance Division

Manufacturer – Lochinvar Corporation, 300 Maddox Simpson Parkway, Lebanon, Tennessee 37090.

Trade Name – Lochinvar, Energyrite.

Product – Gas fired pool heaters.

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 189136-118614 dated September 29, 2003.

Description – Gas fired pool heater, ERN Series, designed for indoor or outdoor installations. Unit comprises heat exchanger, stainless steel main burner, a hot surface ignition system comprising flame sensor, igniter, ignition module and combination gas valves with built-in pressure regulator and ASME relief valve. Units are provided with hot water limit control with setting at 104 degrees Fahrenheit, maximum. Units with model numbers and input heating rates are listed below:

Model No.	Input Heating Rate BTUH
ERN151	150,000
ERN201	200,000
ERN251	250,000
ERN301	300,000
ERN401	400,000

- Note: 1. Units shall be installed on non-combustible flooring, but may be installed on combustible flooring when quipped with special base. Minimum 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.
2. Outdoor installations shall be equipped with special vent cap supplied by the manufacturer.

Recommendation - That the above described pool heaters be accepted for commercial application only when fired by natural gas only under the following conditions:

1. Automatic ASME listed temperature and pressure relief valve, properly sized for heater and MEA accepted shall be furnished for heater installation.
2. Heaters shall not be installed in any enclosed space with a volume of less than 100 cubic feet.
3. All shipments and deliveries of such materials shall, in addition, be accompanied by a tag, certifying that the materials shipped or delivered is equivalent to those tested and accepted 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 NOV/28/03

Examined By S Derflicker