



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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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 146-07-E

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

Trade Name(s): Power-Fin

Product: Gas-fired hot water boiler

Pertinent Code Section(s): 27-800, 27-824, 27-826, RS 14-2 (ANSI Z223.1)

Prescribed Test(s): RS 14-6 (ANSI Z21.13)

Laboratory: CSA International

Test Report(s): CSA #189136-1854610, dated March 5, 2007.

Description: Gas-fired hot water boiler, PBN Series, designed for indoor installation. Unit is comprised of heat exchanger, woven ceramic fiber burner, a hot surface 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 limit control with setting at 230 degrees Fahrenheit, maximum. Units, with model numbers and input heating rates, are listed below:

Model No.	Input Heating Rate (Btu/Hr)
PBN1501	1,500,000
PBN1701	1,700,000
PBN2001	2,000,000

Terms and Conditions: The above-described gas-fired hot water boilers are approved for use under the following conditions:

1. Boilers shall be constructed in accordance with RS 14-4 (ASME Code).
2. Boilers shall be installed on non-combustible flooring. Minimum installed clearances from combustible construction shall be as follows: top – 6 inches, front – alcove (24 inches suggested for service), flue – 2 inches in all directions, left side – 0, right side 0, back – 6 inches.
3. Boilers shall be fired by natural gas only.
4. Boilers shall be connected to compatible approved gas vent or chimney in accordance with Subchapter 15 of the New York City Building Code.
5. This acceptance in no way includes the external piping, connections and appurtenances thereto, which have been tested in conjunction with this application and are required to fully conform to applicable provisions of the law. This acceptance does not include any vent damper device which may be added to the installation.
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.

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 Simon Derphidam