



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 323-05-E

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

Trade Name(s): Lochinvar, Knight.

Product: Gas fired hot water boiler.

Pertinent Code Section(s): 27-800, 27-886, P107.26, RS 14-2 (ANSI Z223.1).

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

Laboratory: CSA International

Test Report(s): CSA 189136-1686154 dated September 9, 2005.

Description – Gas fired water heater, KBN Series, designed for indoor installation only. Unit comprises stainless steel heat exchanger, stainless steel burner with woven steel mesh, 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 230 degrees, Fahrenheit, maximum. Units with model numbers and input heating rates are listed below:

Model No.	Input Heating Rate BTUH
KBN080	80,000
KBN105	105,000
KBN150	150,000
KBN199	199,000
KBN285	285,000
KBN399	399,000
KBN500	500,000

- Notes: 1. Units are approved for installation on combustible flooring. Minimum clearances from combustible construction shall be follows: top – 13 inches (24 inches suggested for service), front – 18 inches, alcove/ 6 inches closet (24 inches suggested for service), flue – 1 inch in all directions, left side – 12 inches (24 inches suggested for service), right side – 0, back – 14 inches.
2. Units may be installed for direct venting and is restricted to a maximum 100 feet of equivalent vent/air pipe. Each elbow is equal to 5 feet of straight pipe.

Terms and Conditions: That the above described gas fired hot water boilers, constructed in accordance with the ASME Code and installed as per clearances to combustible construction specified above, be accepted for use wit natural gas only, when connected to compatible approved gas vent in accordance with Article 15 of Building Code and Section 27-886. This acceptance in no way includes the external piping, connections, and appurtenances thereto, which are required to fully conform with applicable provisions of law, but have been tested in conjunction with this application. Approval If all electrical equipment, apparatus, materials and devices shall be obtained from the Department before installation. 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 for in Section 27-131 of the Building Code.

Final Acceptance March 3, 2006
Examined by Sim Deshpande