



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 362-07-E

Manufacturer: Lochinvar Corporation, 300 Maddox Simpson Pkway, Lebanon, TN 37090

Trade Name(s): Knight Wall Mount

Product: Gas-fired hot water boilers
MEA Index #60 – Boilers

Pertinent Code Section(s): 27-800, 27-824, 27-826, 27-886, RS 14-2 (ANSI Z223.1)

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

Laboratory: CSA International

Test Report(s): CSA #189136-1593030 dated October 4, 2007.

Description: Gas-fired hot water boilers, WBN Series, designed for indoor installation. Units are comprised of stainless steel heat exchangers, stainless steel burners with woven steel mesh, hot surface ignition systems comprising of flame sensors, igniters, ignition modules and combination gas valves with built-in pressure regulators and ASME relief valves. Units are provided with hot water limit controls with settings at 230°F, maximum. Units, with model numbers and input heating rates, are listed below:

Model No.	Input Heating Rate (Btu/hr)
WBN050	50,000
WBN080	80,000
WBN106	105,000
WBN150	150,000
WBN210	210,000

Note: Units may be installed on combustible flooring. Minimum installed clearances from combustible construction shall be as follows: top – 0 inches; front – 6 inches closet (24 inches suggested for service); flue – 2 inches in all direction; back - 0 inches; left and right sides – 0 inches.

SPECIFICATIONS

Vent/Air Intake System: (Include vent caps, terminals, thimbles, vent pipe material and maximum/minimum lengths as applicable).

Appliance Model No.	Material Type	Dia.	Length		Wall Thickness	
			Max.	Min.	Max.	Min.
WBN050	PVC	2”/3”	2”/40’ 3”/100’	-	Sch. 40	Sch. 40
WBN080	PVC	2”/3”	2”/40’ 3”/100’	-	Sch. 40	Sch. 40
WBN105	PVC	2”/3”	2”/40’ 3”/100’	-	Sch. 40	Sch. 40
WBN150	PVC	3”	100’	-	Sch. 40	Sch. 40
WBN210	PVC	3”	100’	-	Sch. 40	Sch. 40

Terms and Conditions: The above gas-fired, wall-mounted hot water boiler assemblies are accepted on condition that:

- 1) Boilers are to be constructed in accordance with the ASME Code, per RS 14-4.
- 2) Units shall be installed as per clearances to combustible construction specified above.
- 3) Units shall be fired with natural gas only.
- 4) Approved gas vent shall be in accordance with Subchapter 15 of the New York City Building Code and Section 27-886.
- 5) This acceptance in no way includes the external piping, connection and appurtenances thereto, which are required to fully conform to applicable provisions of the law but have been tested in conjunction with this application.
- 6) Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department’s Electrical Advisory Board.
- 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 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 May 29, 2008

Examined By Spencer Derkshof