



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 174-05-E

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

Trade Name(s): Lochinvar, Knight.

Product: Gas water heater.

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

Prescribed Test(s): RS 14-6 (ANSI Z21.10).

Laboratory: CSA International

Test Report(s): CSA 189136-1566316 dated July 30, 2004.

Description – Gas fired water heater, CWN Series, designed for indoor installation only. Unit comprises stainless steel heat exchanger, stainless steel burner, a standing pilot or spark 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 200 degrees, Fahrenheit, maximum. Units with model numbers and input heating rates are listed below:

Model No.	Input Heating Rate BTUH
CWN090PM	90,000
CWN135PM	135,000
CWN180PM	180,000
CWN199PM	199,999
CWN225PM	225,000
CWN270PM	270,000
CWN315PM	315,000
CWN360PM	360,000
CWN399PM	399,999
CWN500PM	500,000

Notes: 1. Units are approved for installation on combustible flooring. Minimum clearances from combustible construction shall be follows: top – 14 inches (90-180) 29 inches (315-500), front – alcove (24 inches suggested for service), flue – 1 inch in all directions, left side – 18 inches (24 inches suggested for service), right side – 6 inches, back – 6 inches.

Terms and Conditions: That the above described hot water heater be accepted, 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, and operating temperature limit control, 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 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.
4. Approval If all electrical equipment, apparatus, materials and devices shall be obtained from the Department before installation.
5. Water heaters shall not be operated until installation is approved for such operation by the Gas Company and the model has been approved by the Gas Appliance Approval Committee of the New York City Department of Health.

Final Acceptance February 22, 2006
Examined by Simon Derkhout