



## Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, 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 23-06-E

**Manufacturer:** Laars Heating Systems Company, 20 Industrial Way,  
Rochester, New Hampshire 03867

**Trade Name(s):** Mighty Therm, NATCO Fire Coil

**Product:** Hot water heating and supply 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 File 11146600 dated February 1, 2006.

**Description:** Gas-fired, hot water heating or supply boiler, with pilot burner or interrupted electronic assemblies, designed for indoor or outdoor installation. Assemblies consist of stainless steel burners, copper-finned-tube heat exchanger assembly, ignition system comprised of a pilot burner with electrode flame sensor, ignition module and combination safety/gas pressure-regulating control valves. Hot water controls include a water temperature-limiting device with maximum settings of 240°F for HH and PH Models, 210°F for VW, PW, models and an ASME-rated pressure-relief valve. Units, with model numbers and input heating ratings, are listed on the following page.

<u>Model Number</u>	<u>Input Heating Rating (Btu/Hr.)</u>
(HH, PH, VW, PW) 0125CN	125,000
0175CN	175,000
0250CN	250,000
0325CN	325,000
0400CN	400,000

Notes: Model numbers may have one of the following prefixes: HH, PH – hot water heating boiler; VW, PW – hot water supply boiler.

C – Convertible indoor or outdoor design.

**Terms and Conditions:** The above-described gas-fired hot water boilers are accepted 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 or combustible flooring with special floor base. Minimum installed clearances from combustible construction are as follows:

Piping Side	12 inches
Opposite Side	6 inches
Rear	6 inches
Front	Alcove
Top	37 inches
Flue, Vent Connector	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 October 15, 2007

Examined By Srin Deshpande