

CITY OF NEW YORK
DEPARTMENT OF BUILDINGS

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division.

Richard C. Visconti, R.A., Acting Commissioner

MEA 106-00-E

Report of Material and Equipment Acceptance Division

Manufacturer– Laars Heating Systems, 20 Industrial Way, Rochester, New Hampshire 03867.

Trade Name – Mighty Therm.

Product – Gas fired hot water heater assemblies.

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

Prescribed Tests– RS 14-6 (Z21.56, Z21.10.3).

Laboratory – American Gas Association Laboratories.

Test Report(s) – P-13-1 (A,A1,1B), 113184.000.000010.

Description – Gas fired, hot water heater assemblies, designed for indoor or outdoor installation. Unit consists of stainless steel main burners, heat exchanger assembly, intermittent ignition system comprising pilot burner with electrode flame sensor, ignition module and combination gas pressure regulator. Units are provided with a water temperature-limiting device with setting at 210 degrees Fahrenheit, maximum. Units, with model numbers and input heating rating are listed below:

Model No.	Input Heating Rating BTUH
500	500,000
600	600,000
715	715,000
850	850,000
1010	1,010,000
1200	1,200,000
1430	1,430,000
1670	1,670,000
1825	1,825,000
2000	2,000,000
2450	2,450,000
3050	3,050,000
3500	3,500,000
4050	4,050,000
4500	4,500,000
5000	5,000,000

- Notes:
1. Model may have one of the following prefixes:
VW - volume water heater, PW - volume water heater with pump, IW - instantaneous water heater, AP - commercial pool heating boiler.
 2. Model numbers may have the following suffixes:
I - Indoor (with built-in diverter), E - Outdoor installation (with conversion kit)
 3. Units shall be installed on noncombustible flooring. Minimum clearances from combustible construction shall be as follows: flue or vent connector - 6 inches; top, front, back, right side and left side - 24 inches.

Recommendation - That the above described gas fired hot water heaters, constructed in accordance with the ASME Code and installed as per clearances to combustible construction specification above, be accepted for use with natural gas only. 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 not been tested in conjunction with this application. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control 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 those tested and accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance APR 25 2000
Examined By S. Derphudam