

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.

Patricia J. Lancaster, A.I.A., Commissioner

MEA 238-03-E

Report of Material and Equipment Acceptance Division

Manufacturer – Riverside Hydronics, LLC, 990 Halton Road, Fort Worth, Texas 76117.

Trade Name(s) – PRIMERA

Product – Gas fired, hot water boiler assemblies.

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 -Underwriters Laboratories, Inc.

Test Report(s) - UL File MH20499, Project 03RT08552 dated September 10, 2003.

Description – Gas fired boiler Primera Models 750B and 1000B, are automatically operated hot water boilers rated 160 psig, 240°F of the coiled finned tube type equipped with an integral fan assisted gas burner of the radiant tube (metal fiber matrix) type. The boilers are intended primarily for commercial and industrial use. They are suitable for operation firing natural gas. Each boiler is constructed, equipped, inspected, tested and marked in accordance with the ASME Boiler Construction Code. Firing natural gas, the boiler may be of the single stage (on/off) or two stage (low/high) type. A hot surface igniter provides for direct ignition of the main burner flame. The boilers are supplied with limit and operating controls, which shut off the burner in the event of no water flow or excessive water temperature. The boiler is suitable for outdoor installation when constructed with optional outdoor equipment. Units, with model number and input rating are listed below:

| Model No. | Input Heating Rating BTUH |
|-----------|---------------------------|
| 750B | 750,000 |
| 1000B | 1,000,000 |

- Notes: 1. The boiler may be vented using Type B gas vent and marked "Category I". When marked "Category III", the total length of the flue gas exhaust shall not exceed 50 ft. The boiler is suitable for use with an outside combustion air intake system that may be routed either vertically or horizontally. Total length shall not exceed an equivalent length of 100 ft. with a maximum of three 4-90°elbows. A listed (DFFZ), Leslie- Locke Versacap 3050 Type B gas vent cap is provided at the terminus of the air intake system. The terminus may be vertical (above roof) or horizontal (from side wall).

2. Units shall be installed on noncombustible flooring. Minimum installed clearances from combustible construction shall be as follows: top – 1 inch; sides – 1 inch; vent connector (Type B-1 Vent) - 1 inch. (The manufacturer recommends 24 inch access for service in front, rear and top).

Recommendation - That the above described gas fired hot water boilers, constructed in accordance with the ASME Boiler Code and installed as per clearances to combustible construction specified above, be accepted for use with natural gas only, when connected to compatible approved gas vent in accordance with Article 15 of the Building Code or Section 27-886 of the Building Code.

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, nor does it include any vent damper device which may be added to the installation. 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 NOV/28/03

Examined By S D. [Signature]