



NYC Department of Buildings
 280 Broadway, New York, NY 10007
 Patricia Lancaster, FAIA, Commissioner
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Report of Materials and Equipment Acceptance Division

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 239-06-E

Manufacturer: Baxi S. P. A. for Laars Heating Systems Company, a subsidiary of Bradford White Corporation

Trade Name(s): Mascot

Product: Gas Fired, condensing type wall hung hot water boiler assemblies.

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

Prescribed Test(s): RS 14-6 (ANSI Z21.13), (ANSI Z21.10.3)

Laboratory: CSA-International, Inc.

Test Report(s): CSA File 188786 – 1195388, 1605425

Description – Gas-Fired Combination Hot Water Boiler & Potable Water Heaters and Gas-Fired Hot Water Boilers designed for indoor installation. Assemblies consist of a forced draft blower, stainless steel burners, stainless steel heat exchanger assembly; spark ignition with electronic flame sensing and combination safety/gas pressure regulating control valves. Appliances are designed as wall mounted, direct vent Appliances. Venting may be installed either horizontally through a sidewall or vertically through a roof. A vent terminal, 90° elbow and 2.64 ft length of concentric venting are supplied with appliance. Optional venting parts may increase vent length to 33 equivalent feet. Appliances are provided with a modulating control to reduce input at lower loads. Hot water controls include a water temperature-limiting device and an ASME rated pressure relief valve. Units with model numbers and input heating rating range are listed below:

Model Number	Input Heating Rating (BTU/Hr.)
HT 330	37,192 - 126,376
HT 1.330	37,192 - 126,376
HT 1.450	55,618 -167,262
HT 1.650	73,361 - 241,600

Notes: Models HT 1.330, 1.450 and 1.65 are Hot Water Heating Boilers. Models HT 330 are Combination Potable Water Heaters and Hot Water Heating Boilers.

CLEARANCE/INSTALLATION

For Wall Mount Installation (Indoors)

Left Side	1.77 inches
Right Side	1.77 inches
Rear	0 inches (Wall Mount)
Front	1.57 Inches (Closet)
Top and Bottom	0 inches (when boiler is separated from combustibile construction by a fire retardant material).
Vent	0 inches

Direct Vent (Sealed Combustion)

Maximum: 33 equivalent feet for inlet
33 equivalent feet for outlet

Subtract 3.3 feet of vent pipe for every 90° elbow* installed and 1.6 ft for every 45° elbow.

*In addition to the 90° elbow provided with the appliance.

Terms and Conditions: That the above described gas-fired hot water boilers and combination hot water boilers & potable water heaters, constructed in accordance with the ASME Code and installed as per clearances to combustibile construction specified above, be accepted for use with natural gas only, when connected to compatible approved gas vent in accordance with article 15 of Building Code and Section 27-886. 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 Department 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. 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 8, 2006
Examined By Siun Derkudam