



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 554-06-E

Manufacturer: BSG Caldaie a Gas s.r.l., via Leopoldo Biasi, 1 Verona, Italy

Trade Name(s): Biasi

Product: Gas-fired, heating only and combination wall-hung hot water boiler assembly

Pertinent Code Section(s): 27-800, 27-824, 27-826, 27-886, RS 14-2 (ANSI Z21.10.3)

Prescribed Test(s): RS 14-6 (ANSI Z21.13-2004)

Laboratory: CSA International

Test Report(s): CSA File: 1784333, dated June 5, 2006 and CSA letter dated January 12, 2007

Description: Gas-fired, wall-hung hot water boiler assemblies designed for indoor installation. Unit is provided with an ASME heat exchanger and pressure-relief valve. Unit is fired with natural gas. Unit is comprised of an incline burner assembly, copper heat exchanger assembly, electronic-ignition board attached to the gas valve, electronic-flame modulation, circulating pump with built-in air vent and ASME-pressure relief valve. Combi model comes with 16-gallon indirect tank. Each model is capable of reducing its output with modulating gas valve. The central heating sensor and PCB control board control modulation of the boiler. The boiler has a circulation pump installed capable of pumping 6 gallons per minute. A flow switch is also installed to protect against the boiler firing in case of an absence of flow or water. Boiler is designed for wall mounting and sidewall venting. Venting options consist of a concentric intake and exhaust system or a separate intake and exhaust system. Each system consists of a standard elbow and three feet of pipe. The concentric vent kit has an exhaust diameter of 2.5 inches and an intake diameter of 4 inches and can be extended up to 32 feet with extensions. The separate vent has an exhaust diameter of 3.25 inches and an air intake diameter of 3.25 inches and can be extended up to 100 feet total intake and exhaust with extensions.

Model	Name	Combination	Min. Input (BTUH)	Max Input (BTUH)
M35.30CB	Riva Combi	yes	37,500	101,000
M130.30CR	Riva Compact	no	37,500	101,000

Note: Installation clearances for Riva boiler

Front: 2 inches permanent
16 inches for service
Top: 8 inches
Bottom: 8 Inches
Sides: 2 Inches

Terms and Conditions: The above gas-fired, direct-vent hot water boiler assemblies are accepted on condition that:

- 1) Boilers are to be constructed in accordance with the ASME Code, per RS 14-4.
- 2) Units shall be installed as per clearances to combustible construction specified above.
- 3) Units shall be fired with natural gas only.
- 4) Approved gas vent shall be in accordance with Subchapter 15 of the New York City Building Code and Section 27-886.
- 5) This acceptance in no way includes the external piping, connection and appurtenances thereto, which are required to fully conform to applicable provisions of the law but have been tested in conjunction with this application.
- 6) Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board.
- 7) 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 acceptable for use, as provided in Section 27-131 of New York City Building Code.
- 8) Units shall be used in compliance with the Energy Conservation Construction Code of New York State.

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 February 23, 2007
Examined By Sean Derphudam