



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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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 148-07-E

Manufacturer: Viessmann Mfg. Co., Inc., 750 McMurray Road, Waterloo, Ontario N2V 2G5 CANADA

Trade Name(s): Viodens 100

Product: Gas-fired, low-pressure boilers

Pertinent Code Section(s): 27-800, 27-824, 27-826, RS 14-2 (ANSI Z223.1)

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

Laboratory: The Canadian Standards Association Lab

Test Report(s): File 1818062 dated March 30, 2007

Description: Gas-fired, low-pressure stainless steel hot water boilers designed for indoor installation only. Unit utilizes natural gas only with fully modulating power burner, as tabulated below. Safety control equipment includes primary safety control to shut off fuel supply to the burner in event of ignition failure or unsafe flame extinguishments, temperature control to prevent firing when excessive water temperature is reached in water heating boiler, pressure-relief safety valve required by ASME Code, and air vent, pressure gauge and low water cut-off. Units, with model numbers and gas heating input, are listed below:

Model No.	Input NG (BTUH)
WB1 8-24	29,000 – 80,000
WB1 8-30	29,000 – 100,000

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

- 1) Boilers are to be constructed in accordance with the ASME Code, RS 14-4.
- 2) Units shall be installed as per clearances to combustible construction as follows:

Top, Back:	0 inches
Front:	Alcove
Left & Right Sides:	0 inches
- 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.
- 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 and 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) 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 acceptable for use, as provided in Section 27-131 of 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 June 8, 2007

Examined By S. Jim Derkshian