



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 150-07-E

Manufacturer: A.O. Smith Water Products, 25731 US Highway 1, Mcbee SC 29101

Trade Name(s): Legend VF

Product: Gas-fired hot water boilers

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

Prescribed Test(s): RS14-6 (ANSI Z21.13)

Laboratory: CSA International

Test Report(s): CSA File 1844899, dated April 11, 2007.

Description: Gas-fired, low-pressure hot water supply or heating boiler assembly, V(B,W) series, designed for indoor installation. Each unit is comprised of copper-finned heat exchanger, venturi mixing system with servo-regulated (modulating) gas valve, stainless steel main burner with NIT burner cloth, hot surface igniter, remote flame sensor and EMC 5000M controller. Units are equipped with hot water temperature limit control with maximum setting of 210°F (VW) and 235°F (VB), ASME relief valve, and CSD-1 controls. Units, with model numbers and input heating, are listed below:

Model Number	Input Heating Rating (BTUH)
(VB,VW)500-100	500,000
(VB,VW)750-100	750,000
(VB,VW)1000-100	1,000,000

Terms and Conditions: The above-described gas-fired hot water boilers are accepted for use under the following conditions:

1. Boilers shall be constructed in accordance with RS 14-4 (ASME Code).
2. Boilers may be installed on combustible flooring with minimum installed clearances from combustible construction as follows:

Top	– 0 inches
Sides	– 0 inches
Rear	– 4 inches
Front	– alcove
Vent	– 6 inches
3. Boilers shall be fired by natural gas only.
4. Boilers shall be connected to compatible approved gas vent or chimney 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, connections and appurtenances thereto, which have been tested in conjunction with this application and are required to fully conform to applicable provisions of the law. This acceptance does not include any vent damper device which may be added to the installation.
6. Approval of all electrical equipment apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
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 the 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 August 16, 2007

Examined By Simon Deshpande