



# Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
(212) 566-5000, TTY: (212) 566-4769

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 404-92-E Vol. 2

**Manufacturer:** Aerco International Inc., 159 Paris Avenue, Northvale, N.J. 07647

**Trade Name(s):** Aerco KC-1000

**Product:** Gas-fired, sealed combustion hot water boiler assemblies

**Pertinent Code Section(s):** 27-800, 27-824, 27-886

**Prescribed Test(s):** RS 14-6 (UL 795)

**Laboratory:** Underwriters Laboratories Inc.

**Test Report(s):** UL File No. MH15883, dated August 9, 2007.

**Description:** Semi-instantaneous gas-fired, sealed-combustion hot water boiler assemblies designed for indoor installation. Unit is comprised of vertically-mounted vessel, constructed, inspected and tested per the ASME code as signified by the “H” stamp, combustion chamber, standard burners or low Nox burners, heat exchanger assembly, power burner with direct spark ignition system, combination gas pressure regulator, an immersion-type temperature limit-control with setting at 240 degree Fahrenheit, ASME-pressure relief valve and pertinent controls. Units, with model numbers and input heating range, are listed below:

Model No.	Input Heating Rating Range (Btu/hr)
KC-1000-GWB	100,000 – 1,000, 000
KC-1000-GWB-LN	100,000 – 1,000,000

**Note:** Unit may be vented horizontally when a sealed-combustion connection for air supply from the outdoor is provided.

**Terms and Conditions:** The above-described sealed combustion, gas-fired water boilers are accepted under the following conditions:

1. Boilers shall be constructed in accordance with RS 14-4 (ASME Code).
2. Boilers shall be fired by natural gas only.
3. Boilers shall be connected to compatible-approved gas-vented or chimney in accordance with Subchapter 15 of the New York City Building Code and Section 27-886.
4. 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.
5. Approval of all electrical equipment apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
6. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
1. All shipments and deliveries of such equipment shall be provided with a permanent tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and accepted for use, as provided for 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 October 17, 2007

Examined By Simon Derkshammer