



## 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 104-98-E Vol. II

**Manufacturer:** AERCO international, 159 Paris Ave, Northvale , NJ 07647.

**Trade Name(s):** Benchmark.

**Product:** Gas fired 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 (UL795)

**Laboratory:** Underwriters Laboratories.

**Test Report(s):** UL Report No. MH15883 dated June 8, 1998, updated November 22, 2005.

**Description:** Gas fired condensing type stainless steel, 300 Series, hot-water boiler assemblies BMK 2 series intended for commercial or industrial use with a maximum water temperature and pressure of 210°F and 160 psi respectively. The listed gas-fired boilers are intended for use with natural gas with AERCO burners employing direct spark ignition. The boilers are constructed, equipped, inspected, tested and marked in accordance with the ASME boiler construction code, Sec. IV. Units with model and input heating ratings are listed below.

Model Number	Input Heating Rating Range BTUH	Burner Style
BMK2.0	80,000 – 2,000,000	STD Nozzle mix
BMK2.02	80,000 – 2,020,000	STD Nozzle Mix
BMK1.5LN	93,500 – 1,500,000	Low Nox PreMix
BMK1.95LN	93,500 – 1,950,000	Low Nox PreMix
BMK2.0LN	93,500 – 2,000,000	Low Nox PreMix
BMK2.15LN	93,500 – 2,150,000	Low Nox PreMix

Notes:

1. Units may be installed on a noncombustible 4 to 6" housekeeping pad for proper condensate drainage. Minimum installed clearances from combustible construction shall be as follows: top – 18", back – 36", sides – 24", front – 24", flue – 18 inches.
2. Venting Specifications:  
Units may be vented horizontally when a sealed combustion connection for air supply from outdoor is provided.

**Terms and Conditions:** The above described gas fired hot water boilers, constructed in accordance with the ASME Boiler Code, and installed as per clearances to combustible construction specified above, be accepted for use with natural gas, when connected to combustible approved gas vent in accordance with Article 15 and Section 27-886 of the Building Code. 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 materials shall be provided with a label or tag certifying that the materials use, as provided in Section 27-131 of the Building Code.

Final Acceptance January 25, 2006  
 Examined By Simon Derkudam