



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 339-06-E

Manufacturer: ECR International, Inc., 2201 Dwyer Avenue, Utica, N.Y. 13501

Trade Name(s): Dunkirk Quantum, Utica, Climate Energy

Product: Direct vent, gas-fired boiler assembly

Pertinent Code Section(s): 27-800, 27-824, 27-826, 27-886, RS 14-2 (ANSI Z223.1)

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

Laboratory: CSA International

Test Report(s): CSA Report #1716601 (112810), dated December 12, 2005 and May 12, 2007

Description: Direct vent, gas-fired hot water boilers. Each unit is comprised of a cast aluminum monoblock heat exchanger, stainless steel screen and ceramic fiber concentric burner assembly, intermittent ignition means comprising of a direct-spark igniter which doubles as the flame sensor, combination gas/Venturi-style valve, air flow and pressure-sensing switches, and a forced draft system designed to be used in a direct vent configuration. Units are provided with two water temperature-limiting devices, a casting temperature switch set at 240°F and a high-limit device where the maximum temperature is 200°F. Units are provided with a pressure-relief valve with a setting of 30 psi. Units, with model numbers and input heating ratings, are listed below:

Brand Name	Model No.	Heating Capacity BTUH (High Fire)	Heating Capacity BTUH (Low Fire)
Dunkirk Boilers	Q95M-200	190	76
Utica Boilers	UB95M-200	190	76
Climate Energy	CE95M-200	190	70

Terms and Conditions: The above-described direct vent, 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	– 1 inch
Right side, rear & vent pipe	– 1 inch
Left side	– 8 inches
Front	– 0 inch
Back	– 1 inch
3. Boilers shall be fired by natural gas only.
4. 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.
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: July 13, 2007
Examined By Simon Derkshin