

CITY OF NEW YORK
DEPARTMENT OF BUILDINGS

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner

MEA 62-03-E
Report of Material and Equipment Acceptance Division

Manufacturer – Thermo-Dynamics Boilers Company, P.O. Box 325, Route 61S, Schuylkill Haven, Pennsylvania 17972.

Trade Name – Thermo-Dynamics.

Product – Packaged gas or oil fired low pressure or hot water boiler assemblies.

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

Prescribed Test(s) – RS 14-6 (UL 726, UL 795).

Laboratory – The Hydronics Institute.

Test Reports – File No. 65L267 dated June 12, 2003.

Description – Packaged gas or oil fired hot water boiler assemblies, 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 extinguishment, temperature control to prevent firing when excessive water temperature is reached in water heating boiler, safety valve(s) required by ASME Code, relief valve(s) for hot water system and draft control. Units, with model number, gas input heating rating and fuel oil input, are listed below:

Model No.	Gas Input Heating Rating MBTUH	#2 Fuel Oil Input GPH
CWL-GS-120	120,000	---
CWL-GS-140	140,000	---
CWL-GS-160	160,000	---
CWL-85	---	.85
CWL-100	---	1.00
CWL110	---	1.10

- Notes:
1. Boilers are constructed according to ASME Boiler and Pressure Vessel Code, Section IV 30 psig water pressure.
 2. Units may be installed on combustible flooring. Minimum installed clearances from combustion construction shall be in accordance with RS 14-15 of the Building Code.

Recommendation – That the above boilers, constructed in accordance with ASME Boiler Code and assembled with compatible MEA accepted burner with size and operating characteristics approved by the boiler manufacturer, be accepted for use fired by #2 fuel oil or natural gas as indicated above when connected to compatible approved gas vent chimney in accordance with Article 15 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 shall be obtained from the Department of Air Resources to show compliance with their rules and regulations for fuel oil burning equipment. All shipments and deliveries of such materials shall be accompanied by a certificate or label certifying that the materials shipped or delivered are equivalent to those tested and acceptable for use, as provided for in Section 27-131 of the Building Code. Approval of all electrical equipment, apparatus, materials and devices shall be obtain from the Bureau of Electrical Control before installation.

Final Acceptance Sep/24/03

Examined by S. Deshpande