



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
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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 275-93-E Vol. 2

Manufacturer: Cleaver-Brooks, Inc.
221 Law Street
Thomasville, GA 31792

Trade Name(s): Cleaver-Brooks

Product: Combination gas- and/or oil-fired steam and hot water boilers
MEA Index #60-30 – Boilers

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

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

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): UL File MP1002 dated May 21, 1993.

Description: Combination gas- and/or oil-fired firetube boilers, **CBI series**, for steam and hot water applications are intended for commercial or industrial use and equipped with an integral burner. The oil-fired boilers and oil-fired section of the gas-oil boilers are designed for operation on firing #2, #4 or #6 fuel oil. The oil burners and oil-fired section of the gas-oil burners provided with these UL listed boiler assemblies are of the air atomizing type, employing a proved gas pilot for ignition of the main fuel oil supply. The gas-fired boilers and the gas-fired section of the gas-oil boilers are intended for use with natural gas only. The gas burners and the-gas fired section of the gas-oil burners provided with these UL listed boiler assemblies, employ a spark ignited proved gas pilot for ignition of the main gas supply. Units with model numbers, input heating ratings, Boiler Horse Power and Heat Transfer Surface area are listed on the following page.

Model No.	Input Heating Rating (Mbtu/hr)	Boiler Horse Power	Heat Transfer Surface Area-sq. ft. (water side)
CBI-*-125	5.1	125	625
CBI-*-150	6.1	150	750
CBI-*-200	8.16	200	1000
CBI-*-250	10.2	250	1250
CBI-*-300	12.2	300	1500
CBI-*-350	14.3	350	1750
CBI-*-400	16.3	400	2000
CBI-*-500	20.4	500	2500
CBI-*-600	24.5	600	3000
CBI-*-700	28.6	700	3500
CBI-*-750	30.6	750	3500
CBI-*-800	32.6	800	3500

* -May be 100 or 600-oil fired, 200 or 400-gas-oil fired, 700-gas-fired boilers

Note: Units shall be installed on non-combustible flooring. Minimum installed clearances from combustible construction shall be in accordance with RS 14-15 of the New York City Building Code.

Terms and Conditions: The above gas- and/or oil-fired, steam or hot water boiler assemblies are accepted on condition that:

- 1) Boilers are to be constructed in accordance with the ASME Code, per RS 14-4.
- 2) Units shall be installed as per clearances to combustible construction specified above.
- 3) Units shall be fired with natural gas, #2, #4 or #6 fuel oil.
- 4) Approved chimney shall be in accordance with Subchapter 15 of the New York City Building Code.
- 5) This acceptance in no way includes the external piping, connection and appurtenances thereto, which are required to fully conform to applicable provisions of the law but have been tested in conjunction with this application.
- 6) Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board.
- 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 accepted for use, as provided in Section 27-131 of 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 8, 2008

Examined By Siun Derkudom