



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 172-05-E

Manufacturer: Crown Boiler Co., 3633 I Street, Philadelphia, PA 19134

Trade Name(s): Crown Series 32

Product: Gas-fired hot water boilers

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

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

Laboratory: Intertek Testing Laboratories

Test Report(s): ITS Report No. 3053562, dated January 20, 2003 and revised May 28, 2004.

Description: The Series 32 boilers are cast iron hot water boilers designed for use in commercial-heating applications. All models in the series are constructed from base modules 32-285, 32-380 and 32-475. Models 32-285 and 32-380 are available as modules only and are not available as stand-alone units. These boilers are Category I draft diverter equipped appliances, which must be vented by natural draft using a lined masonry or listed metal chimney system. An adequate supply of air for combustion, ventilation and dilution of flue gases must be available in the boiler room. These boilers are intended for use with natural gas only. The Series 32 may be used on low-pressure steam heating systems or forced hot water heating systems and is intended for installation in "closed" systems only. These boilers are available with up to two optional tankless heaters for domestic hot water generation. Units, with model numbers and number of base modules boilers, and input and output ratings, are listed on following page.

Model No.	Module Input, MBH			Boiler Input	Gross Output
	Module A	Module B	Module C		
	285	380	475	MBH	MBH
(1) 32-285	1			285	228
(1) 32-380		1		380	304
32-475		1		475	380
32-570	2			570	456
32-665	1	1		665	532
32-760		2		760	608
32-855		1	1	855	684
32-950			2	950	760
32-1045		2		1045	836
32-1140		2		1140	912
32-1235	1		2	1235	988
32-1330		1	2	1330	1064
32-1425			3	1425	1140
32-1520		4		1520	1216
32-1615	1	1	2	1615	1292
32-1710		2	2	1710	1368
32-1805		1	3	1805	1444
32-1900			4	1900	1520
32-1995	2		3	1995	1596
32-2090		3	2	2090	1672
32-2185		2	3	2185	1748
32-2280		1	4	2280	1824
32-2375			5	2375	1900
32-2470	2		4	2470	1976
32-2565	1	1	4	2565	2052
32-2660		2	4	2660	2128
32-2755		1	5	2755	2204
32-2850			6	2850	2280

Terms and Conditions: The above-described gas-fired hot water boilers are approved for use under the following conditions:

1. Boilers shall be constructed in accordance with RS 14-4 (ASME Code).
2. Boilers must be installed on hard, level non-combustible flooring. A concrete pad is not sufficient to protect combustible flooring. Minimum installed clearances from combustible construction shall be as follows:

Top:	24 inches
Right side, rear & vent pipe:	24 inches
Left side:	24 inches
Front:	24 inches

3. Boilers shall be fired by natural gas only.
4. Boilers shall be connected to compatible approved gas vent or chimney in accordance with Subchapter 15 of the New York City Building Code.
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 20, 2007
Examined By Srin Derbhada