

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 Materials and Equipment Acceptance (MEA) Division.

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

MEA 176-85-E Vol. II
Report of Materials and Equipment Acceptance Division

Manufacturer – PB Heat LLC, 9th & Rothermel Drive, P.O. Box 447, New Berlinville, Pennsylvania 19545-0447.

Trade Name – Peerless boilers.

Product - Gas fired, low pressure steam or hot water boiler assemblies.

Pertinent Code Section(s) – C26-1404.1, C26-1413.1, RS 14-2 (ANSI Z223.1).

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

Laboratories - CSA International.

Test Report(s) – CSA File No. 164067-1302419.

Description - Gas fired, low pressure steam or hot water boiler assemblies, Series 211A, designed from combination of three different basic sizes, 04, 05, and 06, as tabulated below. Basic units consist of cast iron heat exchanger assembly, aluminized steel burners, an intermittent ignition means comprising flame sensor and igniter (electrode), ignition module, ignition transformer and combination gas pressure regulator and draft hood. Steam boilers are provided with steam pressure control, low water cutoff and safety valve. Hot water boilers are provided with a circulator, relief valve and hot water temperature limit control with setting at 240 degrees Fahrenheit, maximum. Units, with model numbers and number of basic boiler sizes used, are listed below:

Model No.	Input Rating BTU Per Hour	No. of Basic Boiler Sizes Used			
		-4	-5	-5*	-6
211A-04	630,000	1	-	-	-
211A-05	840,000	-	1	-	-
211A-06	1,050,000	-	-	-	1
211A-07	1,260,000	2	-	-	-
211A-08	1,470,000	1	1	-	-
211A-09	1,680,000	-	2	-	-
211A-10	1,890,000	-	-	1	1
211A-11	2,100,000	-	-	-	2
211A-12	2,310,000	1	2	-	-
211A-13	2,520,000	-	3	-	-

211A-14	2,730,000			2	1
211A-15	2,940,000			1	2
211A-16	3,150,000			-	3
211A-17	3,360,000			4	-
211A-18	3,570,000			3	1
211A-19	3,780,000			2	2
211A-20	3,990,000			1	3
211A-21	4,200,000			-	4
211A-22	4,410,000			4	1
211A-23	4,620,000			3	2
211A-24	4,830,000			2	3
211A-25	5,040,000			1	4
211A-26	5,250,000			-	5
211A-27	5,460,000			4	2
211A-28	5,670,000			3	3
211A-29	5,880,000			2	4
211A-30	6,090,000			1	5
211A-31	6,300,000			-	6
211A-32	6,510,000			4	3
211A-33	6,720,000			3	4
211A-34	6,930,000			2	5
211A-35	7,140,000			1	6
211A-36	7,350,000			-	7
211A-37	7,560,000			4	4
211A-38	7,770,000			3	5
211A-39	7,980,000			2	6
211A-40	8,190,000			1	7
211A-41	8,400,000			-	8
211A-42	8,610,000			4	5
211A-43	8,820,000			3	6
211A-44	9,030,000			2	7
211A-45	9,240,000			1	8
211A-46	9,450,000			-	9

*06 Boiler size draft hood outlet of 14 inches diameter employed.

- Notes: 1. Units shall be installed in large space on noncombustible flooring only. Minimum installed clearances from combustible construction shall be 48 inches for all sides and top.
2. Units have suffix S (steam boiler) or W (hot water boiler).

Recommendation - That the above described gas fired steam or 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 only. 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.

All shipments and deliveries of such equipment shall be provided with a metal tag, suitable placed, certifying that the equipment shipped or delivered is 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 obtained from the Bureau of Electrical Control before installation.

Final Acceptance March 15/04
Examined by S Dorfhuber