

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 234-97-E Vol. III
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 direct vent hot water boiler assemblies.

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

Prescribed Test(s) - ANSI Z21.13.

Laboratories - CSA International.

Test Report(s) - C2600003 and 164067-1103210 dated June 26, 2000, File No. 164067-1103210.

Description - Gas fired, cast iron low pressure hot water boiler, PSC Series, designed for indoor installation only. Unit consists of cast iron heat exchanger assembly, aluminized steel main burner assembly, intermittent electronic ignition means comprising a pilot burner with igniter(electrode) and flame sensor and an ignition module, combination gas pressure regulator and induced draft (power exhaust). Hot water boilers are provided with circulator, ASME relief valve (30 psi) and hot water temperature limit control with a setting at 220 degrees Fahrenheit. Units, with model numbers, input heating rating, are listed below.

Model No.	Input Heating Rating BTUH
PSC-03	70,000
PSC-04	105,000
PSC-05	140,000
PSC-06	175,000

Notes: 1. Units may be installed on combustible flooring. Minimum installed clearances from combustible construction shall be as follows: top - 12 inches; front - 6 inches; flue connector - 2 inches (0 inches with wall thimble); rear - 1 inch; left side - 1 inch; right side - 6 inches; hot water pipes - 1 inch.

2. Venting Requirements:

Vent System: The vent system manufacturers are Heat Fab/Z-Flex/MidVent/ProTech/Flex-L/Selkirk. The part number is 7308GC. The material type is AL294C. The pipe diameter is 3.0 inches. The minimum pipe length is 8 ft. The maximum pipe length is 52 ft. for models PSC-03 and PSC-04 and 45 ft. for the Models PSC-05 and PSC-06. Reduce the equivalent lengths by 5 feet for each 90-degree elbow added, 7.5 ft for Flex-L. The maximum wall thickness is 20 inches and the minimum wall thickness is 0 inches. Vent Terminations 3" tee and Z-Flex 02-Straight STPX03 Vent Termination or Heat Fab 7392GC. Wall thimble/air intake - 20ga Aluminum steel thimble outside cap - 26GA 316 S/S.

Appliance Model No.	Component Mfr.	Part/Model No.	Material Type	Dia.	**Length Equivalent (feet)	
					Max	Min.
PSC-03	Air Intake Pipe	Single Wall Flexible	Galvanized Aluminum	4"	70	12
PSC-04	Air Intake Pipe	Single Wall Flexible	Galvanized Aluminum	4"	70	12
PSC-05	Air Intake Pipe	Single Wall Flexible	Galvanized Aluminum	4"	63	12
PSC-06	Air Intake Pipe	Single Wall Flexible	Galvanized Aluminum	4"	63	12

Note: Reduce the equivalent lengths (max. and min. by 5 feet for each 90-degree elbow added.

Recommendation - That the above described gas fired 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 25/04

Examined by S Derkshid