



NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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Report of Materials and Equipment Acceptance Division

Pursuant to Administration Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 22 – 06 - E

Manufacturer: Fulton Thermal Corp. 972 Centerville Road
Pulaski , New York 13142

Trade Name(s): Fulton

Product: Gas fired, low pressure condensing type hot water boiler assembly.

Pertinent Code Section(s): 27-800, 27-824, 27-886, RS 14-2 (ANSI Z223.1).

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

Laboratory: CSA International Laboratories.

Test Report(s): Report No. 188812-1098565 dated September 21, 2004.

Description: Direct vent low pressure hot water boiler assemblies, PDWH series, fired by natural gas, designed for indoors installation. Units consist of burner/heat exchanger assembly, air and gas metering valve assemblies, a direct spark ignition system with gas pressure regulator, flame sensor, blower assembly, ASME relief valve, high limit temperature control, operating temperature control. Units with model numbers, heating surface areas and input heating ratings are listed below:

Model	Heating Surface Area In Square Feet	Minimum Input Btu / Hr.	Maximum Input Btu / Hr.
PDWH300	20.3	130,000	300,000
PDWH500	33.9	130,000	500,000
PDWH650	33.9	130,000	650,000
PDWH750	44.7	190,000	750,000
PDWH950	44.7	190,000	950,000
PDWH1000	44.7	200,000	1,000,000
PDWH1400	78.7	350,000	1,400,000
PDWH2000	111.4	400,000	2,000,000

- Notes:
1. Unit shall be installed on noncombustible flooring with minimum installed clearances from combustibile construction shall be as follows; top – 24 inches; sides – 1 inches; front & back – 24 inches.
 2. The models may be intake vented with schedule 40 PVC and exhaust vented with AL 29-4C SS Vent, 3 inch (PDWH300, 500), 4 inch (PDWH650, 750, 950, 1000, 1400) and 6 inch (PDWH2000).
 3. Intake and exhaust venting restrictions.
 - a) Maximum length 35 ft with four 90 degree elbows.
 - b) Minimum length 10 ft with one 90 degree elbow.
 4. For installation of the intake and exhaust terminal assemblies through a wall measuring from 3-1/4 inches to 20 inches using a 9-3/8 inches diameter thimble for the exhaust.
 5. The models use a 90 degree PVC elbow for an intake terminal and a Saf-T Vent No. 5390C1 3 inch (PDWH300, 500), No.5490C1 4 inch (PDWH650, 750, 950, 1000, 1400) and No.5690C1 6 inch (PDWH2000) vent terminal.

Terms and Conditions: The above described condensing boilers, constructed in accordance with the ASME Boiler Code and installed as per clearances to combustibile construction specified above, be accepted for use with natural gas only. Venting of the above equipment subject of section 27-879 and 27-886 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 of all electrical equipment, apparatus, materials and devices shall be obtained for the Department before installation. 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 those tested and accepted for use, as provided for in Section 27-131 of the Building Code and Section 27-886.

Final Acceptance March 7, 2006

Examined by Simon Derkshdam