



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 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 232-05-E

Manufacturer: PVI Industries Inc., 3209 Galvez, Forth Worth, TX 76111

Trade Name(s): Platinum

Product: Gas Fired Condensing Water Heater Assembly

Pertinent Code Section(s): 27-800, 27-886, P107.26, RS 14-2 (ANSI Z 223.1)

Prescribed Test(s): RS 14-6 (ANSI Z21.10)

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): UL File 20590, Vol. 1, Sect 2

Description: Gas-fired water heater, Platinum Models 199, 299, 399. These are automatically operated vertical tank water heaters having a Turbopower heat exchanger equipped with an integral fan assisted premix gas burner of the radiant tube type mounted on the bottom. The water heaters are intended primarily for commercial and industrial use with a maximum outlet water temperature, as allowed by the operating control, of 194° F. They are suitable for operating firing natural gas. The burner is of the on/off type and employs a hot -surface igniter for ignition of the main burner flame. The water heaters are supplied with limit and operating controls which shut off the burner in the event of excessive water temperature.

Each water heater is constructed, equipped, inspected and marked in accordance with the ASME Boiler and Pressure Vessel Code. The water heaters are arranged for single stage (on/off) operation firing natural gas. A hot-surface igniter provides for direct ignition of the main burner flame. The water heaters are suitable for use with an outside -combustion-air intake system and direct-vent flue gas exhaust system that may be routed either vertically or horizontally with 3 inch Schedule 40 PVC or CPVC pipe for the 199, and 4 inch Schedule 40 PVC or CPVC for the 299 and 399. CPVC pipe is required for flue gas exhaust on models with "SANI" in the model number. Total length shall not

exceed an equivalent length of 80 ft. with four 90° elbows for the 199 and 100 ft. with a maximum of five 90° elbows for the 299 and 399. A Listed (DFFZ), Leslie-Locke Versacap 3050 Type B gas vent cap is provided at the terminus of the air intake system. The terminus may be vertical (above roof) or horizontal (from side wall).

Model	Input BTU /Hr
199 (P or N or SS) A-PN (with or without suffix SANI)	199,000
299 (P or N or SS) A-PN (with or without suffix SANI)	299,000
399 (P or N or SS) A-PN (with or without suffix SANI)	399,000

Terms and Conditions: The above-described condensing type water heaters are accepted, under the following conditions:

1. Heaters shall be fired by natural gas.
2. Automatic ASME- listed temperature and pressure relief valve, properly sized for heater and MEA- accepted, and operating temperature limit control, shall be furnished for heater installation.
3. Heaters shall not be installed in any enclosed space with a volume or less than 100 cubic feet.
4. 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 the Building Code.
5. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Building before installation.
6. Water heaters shall not be operated until installation is approved for such operation by the Gas Company and the model has been approved by the Gas appliance Approval Committee of the New York City Department of Health.

Notes: 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 26, 2006

Examined by Sium Derphudam