



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 424-06-E

Manufacturer: Paloma Industries, 2151 Eastman Avenue, Oxnard, California 93030

Trade Name(s): Paloma

Product: Instantaneous gas-fired hot water heaters

Pertinent Code Section(s): 27-800, 27-826, 27-886, RS-16 (P107.26), RS 14-2 (ANSI Z223.1)

Prescribed Test(s): RS 14-6 (ANSI Z21.10.3)

Laboratory: CSA International

Test Report(s): 188998-1788822, dated June 23, 2006

Description: Gas-fired instantaneous water heaters. Unit is comprised of PCB, self-diagnostic program, exclusive film-wrap overheat limiter, built-in electric blower, automatic-ignition system, combination gas control, water-flow sensor, heat exchanger, freeze-protection heater, oxygen-depletion safety device and flame-rod system. Unit also has digital control for convenience, comfort and ease of maintenance. Control displays adjustable temperature setting. Units, with model numbers and input heating rating, are listed below.

Model Numbers	Input (Btu/hr)
PH-16 FISN	118,000
PH-20R IFSN	145,000
PH-20R OFN	141,000
PH-20R DVSN	141,000
PTG2-42PVN	118,000
PTG-53PVN	145,000
PTG-53XN	141,000
PTG-53DVN	141,000

Notes: 1. Suffix designations are as follows:

R: Residential Model

I: Indoor Installation

O, X: Outdoor Installation

DV: Direct Vent Version for Indoor Installation

F: Forced Combustion Unit

S: Oxygen Depletion Safety Device

PV: Power Vent Version for Indoor Installation

N: For Natural Gas

2. Units shall be installed on noncombustible surfaces.

Minimum installed clearance from combustible construction shall be as follows:

Top – 12 inches, front – 12 inches (24 for servicing), from single wall flue or vent connector in any direction – 3 inches, right and left sides – ½ inch, from back of unit (with support bracket) – 0 inches, air intake – 0 inches.

3. Direct-Vent models utilize coaxial 3”/5” AL29-4C stainless steel diameters by ProTech or HeatFab mfrs. or

Paloma brand utilizes 75mm/110mm diameters of like material.

May employ a 3”/5” or 75mm/110mm transition piece at appliance flue outlet.

Maximum length: 30 feet + 4 each 90° elbows + termination.

Minimum length: One 90° elbow + 1 foot vent + terminal.

Indoor models utilize 3” diameter AL29-4C stainless steel, single wall vent.

Maximum length: 30 feet + 4 each 90° elbows + termination.

May employ a 3” or 60mm transition piece at the appliance flue outlet.

Minimum length: One 90° elbow + 1 foot + terminal.

Outdoor models use no external venting.

Terms and Conditions: The above-described instantaneous gas-fired heaters are accepted under the following conditions:

1. Units shall be fired by natural gas only.
2. Units shall be installed with clearances from combustible construction as indicated above.
3. Heaters shall not be installed in any closed space with a volume of 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 for in Section 27-131 of the New York City Building Code.

5. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
6. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.

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 January 4, 2007

Examined By Siun Derkuden