



# 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 62-88-E Vol. 10

**Manufacturer:** American Water Heater Company, 1100 E. Fairview Avenue, Johnson City, Tennessee 37605-1378

**Trade Name(s):** Polaris

**Product:** Direct vent gas-fired water heaters

**Pertinent Code Section(s):** 27-800, 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):** P-10-75(A, A3) and letter dated January 25, 1999, and 189071-1299216, dated July 25, 2002, March 10, 2004, and February 21, 2007.

**Description:** Direct vent gas-fired, commercial automatic storage-type water heaters, Model PBG. Each unit is comprised of a main burner, intermittent ignition system, combination control including a thermostat and automatic gas shut-off device, stainless steel storage tank, dip-tube and ASME-temperature and pressure relief valve. Units are hydrostatically-tested for 300psi. Units, with model numbers, input heating ratings and storage capacities, are listed below:

Model No.	Input Heating Rating (BTUH)	Storage Capacity (Gallons)
PG10 34-100-2NV	100,000	34
PGC10 34-100-2NV	100,000	34
PG10 34-130-2NV	130,000	34
PGC10 34-130-2NV	130,000	34
PG10 50-130-2NV	130,000	50
PGC10 50-130-2NV	130,000	50
PG10 50-175-3NV	175,000	50
PGC10 50-175-3NV	175,000	50

Model No.	Input Heating Rating (BTUH)	Storage Capacity (Gallons)
PG10 50-199-3NV	199,000	50
PGC10 50-199-3NV	199,000	50
PG10 100-199-3NV	199,000	100
PGC10 100-199-3NV	199,000	100
PG10 50-150-2NV	150,000	50
PGC10 50-150-2NV	150,000	50

**Terms and Conditions:** The above-described residential heaters are accepted under the following conditions:

1. Units shall use natural gas only.
2. Units may be installed on non-combustible flooring. Minimum installed clearances from combustible construction shall be in accordance with RS 14-15 of the New York City Building Code.
3. 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.
4. Heaters shall not be installed in any enclosed space with a volume of less than 100 cubic feet.
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.
7. 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 acceptable for use, as provided in Section 27-131 of the New York City Building Code.

**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 July 19, 2007  
Examined By Sam Derk Hudson