



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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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 142-04-E Vol. 2

Manufacturer: BBT North America Corporation
50 Wentworth Avenue
Londonderry, NH 03053

Trade Name(s): Aquastar, Bosch, ProTankless

Product: Instantaneous, gas-fired hot 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): CSA Report 1429332, dated December 12, 2003;
and Report 1839652, dated August 3, 2007

Description: Instantaneous, wall-mounted, sealed combustion, gas-fired hot water heaters designed for indoor installation. Unit is comprised of power main burner, heat exchanger, electronic ignition system, manual valve and automatic valve operated by water flow, and a gas-pressure regulator. Unit is provided with temperature control set at 140°F maximum. Units, with model numbers and input heating ratings, are listed below:

Model No.	Input Heating Rating Range (Btu/hr)
GWH640CTDREFSNG	19,900 – 175,000
GWH715CTDREFSNG	19,900 – 199,000
GWH2400CTDREFSNG	19,900 – 175,000
GWH2700CTDREFSNG	19,900 – 199,000

Note: Units shall be installed as sealed combustion with the following conditions:

1. All models are certified for use with 3" or 4" UL-certified stainless steel vent (AL29-4c). (Z-Flex, Protech or Heat-Fab).
2. When employing inlet air pipe, it may be 3" PVC, aluminum or galvanized pipe.
3. Maximum vent length is 26 feet with 1 elbow (subtract 2.6 feet for each additional elbow). Minimum bent length is 3 feet.
4. Maximum refer also to manufacturer's instructions. Vent cap must be supplied.

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. Minimum installed clearances from combustible construction as follows: Top – 12 inches; front – 1 inch (alcove) closet; back – 0 inches; side – 4 inches; floor – a minimum distance of 12 inches is required from the bottom of the appliance to combustible or non-combustible surfaces, flue – as per the UL-certified vent material, also see venting instructions.
3. Heaters shall not be installed in any closed space with a volume of less than 100 cubic feet.
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
5. 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 Building Code.
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 31, 2008

Examined By Siun DesRudam