



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 51-01-E Vol. 3

Manufacturer: A.O. Smith Water Products Co.
 25731 US Highway 1, Mcbee, SC 29101

Trade Name(s): A.O. Smith, American, Reliance, Sears

Product: Commercial gas-fired hot water heaters

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

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

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): UL File MH11631, Vol. 1, Section 1, UL File MH25183, Vol. 1, Sections 2, 4 and 9, UL File MH18889 and E10522 Multiple Listing.

Description: Gas-fired, automatic storage and/or circulating type water heaters. Unit is comprised of a glass-lined steel water storage tank with foam insulation. Units are equipped with a gas-fired burner and/or a standing pilot, hot surface or direct ignition source. Unit is provided with a temperature and pressure-relief valve, and is intended for indoor commercial use. Units, with model numbers, input heating ratings and storage capacities, are listed below.

Model No.	Input Heating Rating (Btu/hr)	Storage Capacity (Gallons)
BTH 500(A)	499,900	300
BTP 150	140,000 – 255,000	150
BTP 500	2,250,000 – 2,500,000	500
BCG3-80T150-6(N,P)	154,000	81
BCG3-80T180-6(N,P)	180,000	81

Model No.	Input Heating Rating (Btu/hr)	Storage Capacity (Gallons)
(A)BCG3-100T250-8(N,P)	250,000	100
(A)BCG3-85T500-8(N,P)	500,000	85
CG32-100T77-(4NOV,PV)	75,100	74
G62-100T77-(4NOV,PV)	75,100	74
S 75 76(+)E(+)	75,100	74
S 100 76(+)E(+)	78,000	98
6 75(+)RR(+)	75,100	74
6 100(+)RR(+)	78,000	98
153.338073	75,100	74
153.331760	75,100	74
153.338003	78,000	98
COF 150	1 – 5.14	150
COF 500	16.78 – 17.86	500
COBT 150	1,000	150
COBT 500	6,000	500

Terms and Conditions: The above-described electric hot water heaters are accepted under the following conditions:

1. Units may be installed on combustible flooring. Minimum installed clearances from combustible construction shall be as follows: top – 12 inches; front – 4 inches; rear & sides – 5 inches; chimney – 6 inches.
2. Units shall be fired by natural gas only.
3. Units shall not be installed in any enclosed 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. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
6. 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 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 December 13, 2007

Examined By Siem Derfluden