



NYC Department of Buildings  
 280 Broadway, New York, NY 10007  
 Patricia Lancaster, FAIA, Commissioner  
 (212) 566-5000, TTY: (212) 566-4769

## 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 344-06-E

**Manufacturer:** A. O. Smith Water Products, 25731 Highway 1, McBee, South Carolina 29101

**Trade Name(s):** A. O. Smith

**Product:** Gas-fired commercial hot water heaters.

**Pertinent Code Section(s):** 27-800, 27-826; 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 MH25183, Vol. 1, Section 1-10

**Description:** Gas-fired, hot water heaters are intended for indoor commercial use. Units consist of glass-lined steel water storage tank with foam insulation, main burner, pilot or hot surface ignition, a combination control consisting of thermostat and gas shut-off device, dip tube, and anode. Unit is provided with a temperature and pressure relief valve. Units, with model number, input heating ratings and gallon capacities are listed below.

Model No.	Capacity Gallons	Input Rating (BTUH)
SBN 71 (120)	71	120,000
SBN 75 (80)	75	120,000
SBN 81 (154)(180)	81	154,000 180,000
SBN 85 (310)(366)(390)	85	310,000 366,000 390,000
SBN-100(180)(190)(200)(250)(275)	81, 99	180,000 190,000, 200,000, 199,000, 275,000
BTR-151	32	150,000
BTR-201	32	199,000

SBD-30-150	32	150,000
SBD-30-199	32	199,000
PGCH (75)(80)(100)	74, 98	80,000 90,000 100,000
FCGH (75)(80)(100)	74, 98	80,000 90,000 100,000
FGRH (75)(80)(100)	74, 98	80,000 90,000 100,000
(D)(SBD) 65 (251)(305)	65	251,000 305,000
(D)(SBD) 71 (120)	71	120,000
(D)(SBD) 75	75	180,000
(D)(SBD) 76	75	199,000
(D)(SBD) 81(154)(180)(199)	81	154,000 180,000 199,000
(D)(SBD)-85 (365)(500)	82, 85	365,000 500,000
(D)(SBD)-94	94	199,000
(D)(SBD)-100(199)(250)(275)(399)	100	199,00 250,000 275,000 390,000
SUF 60 120	60	120,000
SUF 100(150)(199)(240)	100	150,000 199,000 240,000
SUF 130 300	130	300,000
BTP(V) 540(A)	69	540,000
BTP(V) 650	85	650,000
BTP(V) 740	85	740,000
GPG(V) 81-(140)(199)(270)(370)	81	140,000 199,000 270,000 370,000
GPG(V) 85-(540)(650)(740)	85	540,000 650,000 740,000

Note 1: All units listed in all applications:

May have additional numbers or letters indicating trim, destination or warranty.

( ) All letters and numbers in parenthesis can be used together or separately in model number designation.

Note 2: Minimum installed clearances for combustible construction shall be in accordance with RS 14-15 of Building Code.

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

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 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 in Section 27-131 of the 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. 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 and Mental Hygiene.
7. Units shall be used in compliance with the Energy Conservation Construction Code of New York City.

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 August 22, 2006  
Examined by Sivan Derkshidam