



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 346-06-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 residential and/or 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)
BTV 100	98	78,000
PCG 100	98	78,000
GS(+) 100XRRS	98	78,000
GSX 100CRRT	98	78,000
GS 6100CRRT	98	78,000
CGX 75	74	76,000
PCG(X) 75	74	76,000

Model No.	Capacity Gallons	Input Rating (BTUH)
PSGX 75	74	76,000
GS(+)75(X)(C)RRS	74	76,000
SGX 75	74	76,000
A(+)75C(Q)(R)RSL	74	76,000
H(+)75(C)(X)(Q)(R)RS	74	76,000
HPR412 75Q	74	76,000
HRP49 75S	74	76,000
PX-75-80	74	80,000
GPS 75(Q)(L)	74	80,000
BTF 75	74	80,000
BTF 80	74	80,000
SBP75 76 NE	74	80,000
GS675YRVIT	74	80,000
FPSH 75(Q)(L)	74	80,000
PR6 75 XRVIT	74	80,000
SBP75 76	74	80,000
A6 75 (X)(Y)(Q)(R)VITL	74	80,000
A10 75Y(Q)(R)VITL	74	80,000
HRN412 75P	74	80,000
HR6 75(X)(Y)RVIT	74	80,000
(8)(6) 75 (X)(Y)(Q)(R)VIT	74	80,000
BTX-80-100	83	76,000
GP6 50 YRVIT	83	76,000
GPHE-50-100	83	76,000
SHE50 76NE	83	76,000
RTF-120	80	120,000
SRT-120	80	120,000
XT(190)(194)(199)(236)	Constant Flow	25,000 – 236,000
GAX(190)(194)(199)(236)	Constant Flow	25,000 – 236,000
SD(V)(X) 80 140	80	140,000
SD(V)(X) 100 (199)(260)(400)	80, 95, 100	199,000, 260,000, 390,000
BPD 400 (100)(101)	100	390,000

Note 1: All units listed in all applications:

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

+ in the model number could be 1 thru 9 or letter.

() 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 23, 2006

Examined by Simon Deshpande