

**CITY OF NEW YORK
DEPARTMENT OF BUILDINGS**

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner

MEA 21-04-E

Report of Material and Equipment Acceptance Division

Manufacturer – A.O. Smith Water Products, 25731 US Highway #1, McBee, South Carolina 29101.

Trade Name(s) – A.O. Smith, State, Reliance, Maytag, Sears.

Product – Gas fired, hot water heaters.

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

Prescribed Test(s) - RS 14-6, (ANSI Z21.10).

Laboratory –CSA International.

Test Report(s) – CSA 1466826, 1466848, 1466866, 1466900.

Description – Gas fired, residential, automatic storage type water heater. Unit consist of glass-lined steel water storage tank with foam insulation, main burner, pilot burner with a thermocouple, 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 numbers input and gallon capacities are listed below:

Model No.	Input Heating Rating BTUH	Storage Capacity Gallons
GS-30-32, FVGL-30, GCI-30-XORS, 6-30-XORS, 153.336160	32,000	30
GS-30-40, FCVL-30, PCVL-30, GS6-30, G SX-30	40,000	30
GS-40-35.5, FVGL-40, GC1-40-XORS, 153.336260	35,500	40
GS-40-40, FCVL-40, PCVL-40, GS 6-40-XBRS, GSX-40-XBRS, HV6-40-XBRS, GSX-40-XBRS, HV6-40-XBRS, HV6-40-CBRS, HVN49-40S, HVX-40-XARS, 153.339360, 153.73412, 6-40-XBRS, 12-40-XARS, GS6-40-XBRS	40,000	40

Note: Units may be installed on combustible flooring. Minimum installed clearances from combustible construction shall be as follows: sides and rear – 0 inches; top – 12 inches; front - 4 inches.

Recommendation - That the above described residential water heaters be accepted, when fired by natural gas only, under the following conditions:

1. 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.
2. Heaters shall not be installed in any enclosed space with a volume of less than 100 cubic feet.
3. 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 those tested and accepted for use, as provided for in Section 27-131 of the Building Code.
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.
5. 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.

Final Acceptance FEB/27/04

Examined By S. Denkhudam