INTELLIGENT CONTROL LOGIC*
• The internal microprocessor provides enhanced operating parameters and tighter differentials for precise sensing and faster heating response to optimize performance.
• Uses a thermopile to generate the power needed to operate the electronic gas control without requiring an external power source.
• The electronic gas control incorporates an LED status indicator that monitors system operation and service diagnostics.
• *Not available on 60,000 BTU input models (GCRX-50 and GCRX-55).

GREEN CHOICE® GAS BURNER
• Patented eco-friendly burner design reduces NOx emissions by up to 33% and complies with Low-NOx emission requirements of less than 40 ng/J.

DYNACLEAN™ DIFFUSER DIP TUBE
• Reduces lime and sediment buildup and maximizes hot water output. Made from long-lasting PEX cross-linked polymer.

COREGARD™ ANODE ROD
• Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods.

PUSH-BUTTON PIEZO IGNITOR
• Makes lighting the pilot fast and easy with one-hand push-button spark ignition.

HEAT TRAP NIPPLES
• Factory-installed for faster installation.

BLUE DIAMOND® GLASS COATING
• Provides superior corrosion resistance compared to industry standard glass lining.

ENHANCED-FLOW BRASS DRAIN VALVE
• Our residential water heaters have a solid brass, tamper resistant, enhanced-flow, ball type, drain valve.
• Uses a standard female hose fitting that allows for fast and easy draining during maintenance.
• Designed for easy operation, this valve includes an integral screwdriver slot that features a 1/4 turn (open/close) radius, which not only permits full straight-through water flow but also a quick and positive shut off.

CODE COMPLIANCE
• Meets UBC, CEC and HUD National Codes.
• Meets the thermal efficiency and standby loss requirements of the U. S. Department of Energy and current edition of ASHRAE/IES 90.1.

HIGH UNIFORM ENERGY FACTOR (UEF)
• Eco-Friendly non-CFC foam insulation, external heat traps and specially designed combustion chamber combine to produce a high UEF for maximum savings on operating costs.

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE
MAXIMUM HYDROSTATIC WORKING PRESSURE 150 PSI

DESIGN-CERTIFIED BY CSA INTERNATIONAL
• Certified at 300 PSI test pressure and 150 PSI working pressure. Listed according to ANSI Z21.10.1-CSA 4.1 standards governing storage tank-type gas water heaters.

6-YEAR LIMITED TANK AND PARTS WARRANTY
• For complete information, consult written warranty or go to hotwater.com
**FLAMMABLE VAPOR IGNITION RESISTANT (FVIR) WATER HEATERS**

A. O. Smith FVIR design meets the American National Standards Institute standards (ANSIZ21.10.1-CSA 4.1) that deal with the accidental or unintended ignition of flammable vapors, such as those emitted by gasoline.

Features a sealed combustion chamber with intake air filter and a flame arrestor built into the water heater base. In addition, a thermal cutoff (TCO) device, is designed to shut off gas flow to the burner and pilot if poor combustion is detected.

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### Model Numbers and Specifications

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Gallon Capacity</th>
<th>Rate Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>BTU Input Natural Gas</th>
<th>BTU Input Propane Gas</th>
<th>Recovery 90°F Rise Gallon Per Hour</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
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<tbody>
<tr>
<td>Tall Models</td>
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</tbody>
</table>

Recovery capacities based on actual performance tests.

Water connection is 3/4" on all models.

1. Models ship with supplied insulation blanket.

For 10-year tank and 10-year parts warranty, change "G" to "X" in model number (example: XCR-40).

†LP models not available on GCRH-40.

*For optional side-mounted recirculating tabs, add "L" to the suffix (example: GCR-40L).

All models approved for installation from sea level to 10,100 ft. elevation.

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

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For technical information call 800-527-1953. A. O. Smith Corporation reserves the right to make product changes or improvements without prior notice.