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.

HIGH ENERGY FACTORS
- Eco-friendly non-CFC foam insulation, heat traps and specially designed combustion chamber combine to produce a high Energy Factor for maximum savings on operating costs.

GREEN CHOICE® GAS BURNER
- Enhanced Ultra-low NOx burner complies with SCAQMD Rule 1121 and other air quality management districts with similar requirements for NOx emissions of less than 10 ng/J.

SELF-CLEANING DIP TUBE
- Helps reduce 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.
- ProLine Master products have increased anode protection with either longer, or multiple anodes depending on model.

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.
- Blue Diamond® Glass coating blend is formulated in the same lab that creates the protection for our industry-leading commercial product line.

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 ¼ turn (open/closer) 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.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy Conservation Act (EPCA), as amended.

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE
- Top-mounted T&P relief valve available as option.

8-YEAR LIMITED TANK AND PARTS WARRANTY
All models may be ordered from the factory with top T&P valve as an option.

*Side loop connections are standard on model GU82-50T50L.*

Models with a ring base (GU82-40S40) is certified from sea level to 7,700 ft. elevation.

Models with a leg base (GU62-40T40, GU82-50T40 and GU82-50T50) are certified from sea level to 5,400 ft. elevation.

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

### Tall Models

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Gallon Capacity</th>
<th>First Hour Rating Gallon</th>
<th>Energy Factor</th>
<th>BTU Input Natural Gas</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>Dimensions in Inches</th>
<th>Draft Hood</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GU82 40T40</td>
<td>40</td>
<td>71</td>
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<td>40,000</td>
<td>41</td>
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<td>0.60</td>
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<td>61 57-1/2 22 12-1/4 8 50-1/2 12-1/4 50-1/2 4 177</td>
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### Short Models

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<th>Model Number</th>
<th>Gallon Capacity</th>
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</tr>
</tbody>
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For technical information call (800) 999-9515. American Water Heaters reserves the right to make product changes or improvements without prior notice.