State Select® gas water heaters feature an FVIR Compliant design, which meets the ANSI Z21.10.1-CSA 4.1 standards for flammable vapor ignition resistance. Select water heaters are available in a variety of heights which can accommodate installations with limited space.

Intelligent Control Logic
- The internal microprocessor provides enhanced operating parameters and tighter differentials for precise sensing and faster heating response to optimize performance.

Self-powered Electronic Gas Valve
- Uses a thermopile to generate the power needed to operate the electronic gas control without requiring an external power source.

Diagnostics
- The electronic gas control incorporates an LED status indicator that monitors system operation & service diagnostics.

Diffuser Dip Tube
- Reduces lime and sediment buildup, maximizes hot water output
- Made from State PEXAN™, a cross-linked polymer that can withstand long-term exposure to temperatures up to 400°F

Green Choice® Gas Burner
- Patented “Eco-Friendly” burner design reduces NOx emissions by up to 33% and complies with 40 ng/j requirements for low NOx emissions.

Easy-to-Light Piezo Ignitor
- For fast “one-hand” pilot ignition

Glasslined Tank with Aluminum Anode Rod
- For long-lasting protection against build up and corrosion

Durable, Brass Tamper-Resistant Drain Valve

CSA Certified and ASME Rated T&P Relief Valve
- Design-Listed 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-type water heaters
  - Additional code compliance: UBC, CEC, SBCC, CABO, HUD and BOCA National Codes

FVIR Compliant Design

Simplifies Service
- Uses industry standard thermopile
- Burner operation may be viewed through new enlarged sight glass

6-Year Limited Tank and Parts Warranty
Consult written warranty or contact State Water Heaters for complete information
**SELECT® Residential Gas Water Heaters**

**300/301 Series**

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>PEAK DEMAND OUTPUT (1st Hour Rating Gallons)</th>
<th>ENERGY FACTOR</th>
<th>GALLON CAPACITY</th>
<th>BTU INPUT PER HOUR NATURAL</th>
<th>RECOVERY 90°F RISE GALLONS</th>
<th>FOAM THICKNESS (Inches)</th>
<th>DIMENSIONS IN INCHES</th>
<th>APPROX DRAFT HOOD WEIGHT (LBS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TALL MODELS</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>GS6 30 YORT</td>
<td>67</td>
<td>.61</td>
<td>30</td>
<td>35,500</td>
<td>36</td>
<td>1</td>
<td>61-1/2</td>
<td>58</td>
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<tr>
<td>GS6 40 YBRT</td>
<td>70</td>
<td>.59</td>
<td>40</td>
<td>40,000</td>
<td>41</td>
<td>1</td>
<td>61-3/4</td>
<td>58-1/4</td>
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<tr>
<td>GS6 50 YBRT</td>
<td>88</td>
<td>.58</td>
<td>50</td>
<td>40,000</td>
<td>41</td>
<td>1</td>
<td>60-3/4</td>
<td>57</td>
</tr>
</tbody>
</table>

| SHORT MODELS |                                             |               |                |                            |                            |                        |                      |                               |
| GS6 30 YORS  | 60                                          | .61           | 30             | 35,500                     | 36                         | 1                      | 50                   | 46-3/8                        | 18                            | 13-1/2                       | 8    | 40  | 3 or 4 | 113 |
| GS6 40 YBRS  | 66                                          | .59           | 40             | 40,000                     | 41                         | 1                      | 51-1/2               | 47-3/4                        | 20                            | 13                          | 8    | 41   | 3 or 4 | 135 |
| GS6 50 YBRS  | 93                                          | .61           | 50             | 40,000                     | 41                         | 2                      | 53-1/4               | 49-1/2                        | 24                            | 13-1/4                       | 8    | 42-1/2 | 3 or 4 | 175 |

Recoveries are rounded to nearest gallon.
Water Connections - 3/4" male on all models.
External heat trap nipples are factory-installed on all models.
† Propane Gas – 40,000 for 50-gallon short, 37,000 for the 50-gallon tall, 36,000 input for 40-gallon models and 32,000 for 30-gallon models.

For 10-Year Tank and 6-Year Parts Warranty, change "6" to "X" in Model Number (GS6 40 YBRT).
When ordering Propane, change "Y" to "H" in model number (GS6 40 HBR). When ordering top-mounted T&P Valve, add "G" to model number (GS6 40 YBRT G).
Propane (LP) models are Series 201.

### Flammable Vapor Ignition Resistant (FVIR) Water Heaters

State FVIR design meets the American National Standards Institute standards (ANSI Z21.10.1 - CSA 4.1) that deal with the accidental or unintended ignition of flammable vapors, such as those emitted by gasoline.

Feature a sealed combustion chamber with air intake 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.

If flammable vapors accidentally enter the combustion chamber, the arrestor is designed so flames burn off the top surface and can not escape down through the arrestor.

For complete information on limited warranties, consult written warranty, or contact the State Customer Care Center, 1-800-365-0024.

State Industries, Inc. reserves the right to make product changes or improvements without prior notice.

For more information on Select®, contact:
State Water Heaters
500 Tennessee Waltz Parkway, Ashland City, TN 37015
800.365.0024 Toll-free USA
www.statewaterheaters.com

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