When it comes to building durability into a product, nobody does it like State. In fact, we've tested our water heaters in some of the most hostile environments and under the toughest conditions to make sure they last longer and provide many more years of hot water.

StateWaterHeaters.com
**GROW YOUR BUSINESS** with the help of an Xpert. The Xpert Product Selection Tool allows you to recommend a water heater that will meet the needs of a customer, while giving you the opportunity to sell products that will provide additional hot water and/or perform at higher efficiencies.

**CREATE HAPPY CUSTOMERS.** The Xpert Product Selection Tool adds to your expertise by quickly selecting the best water heater based on your customer's lifestyle. The Xpert allows you to immediately show a customer the facts about a water heater and why it's the perfect fit, based on your recommendation.

To consult the Xpert, visit [www.statewaterheaters.com/Xpert](http://www.statewaterheaters.com/Xpert) or download the State App.
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About State Water Heaters

State Water Heaters, a brand of State Industries, LLC., is a leading manufacturer of commercial and residential water heaters. State offers a wide selection of water heater products, and has consistently developed new technologies to ensure longer product life. Based in Ashland City, Tennessee, State has seven water heater manufacturing plants and hundreds of distribution centers across the United States to ensure efficient service to State’s national customer base of residential homeowners, wholesalers, contractors, and other members of the engineering community. All State products are backed by solid customer technical support and a durable tank and parts warranty.

History

In 1946, State Water Heaters was founded by Herbert Lindahl, Sr. as a small entrepreneurial company producing coal and wood-burning stoves in a garage in Nashville, Tennessee. In the years that followed, State expanded and became a leader in the water heating industry through steadfast commitments to seeking new materials, new technology and innovative engineering techniques. Landmark moments in State’s proud history include:

1948 — State produces its first electric water heater.
1954 — State expands product lines and manufactures first gas-fired water heaters.
1956 — State manufactures its first welded-steel galvanized tanks.
1957 — State produces its first porcelain glass-lined tanks; the basic design feature is still in use today.
1979 — State is granted US patents for their Sandblaster® commercial water heater design.
1996 — State is the world’s largest water heater manufacturer with over 2900 employees and average daily production of over 10,000 units. The company introduces a complete new product line that includes the high efficiency models.
With more than 500 water heater products, State offers customized solutions for all residential and commercial hot water and storage needs. The main categories below outline State’s product offerings; for more detailed information, visit statewaterheaters.com.

**ProLine® Master Gas and Electric** — water heaters offer high-end components, including dual stainless steel elements and increased anode protection, along with extended eight-year warranty coverage in both electric and gas models.

**ProLine® XE** — Premier Power Vent and other high efficiency gas models promise superior performance and up to 96% thermal efficiency.

**ProLine® XE Premier Heat Pump** — water heaters offer four highly efficient operating modes that can help homeowners save on energy bills, cutting operating costs by more than half.

**Tankless** — water heaters are available in indoor and outdoor models to provide space savings and endless hot water.

**Pump Tanks** — State offers five pump tank models, designed to properly collect, store, and dose wastewater.

**Expansion Tanks** — Waterguard™ and ThermoFlex™ products eliminate damage to water heater connections and provide added system protection.

Visit StateWaterHeaters.com for complete information.

**CODES AND STANDARDS**

- **CSA® - Low Lead Content.** This mark shown on a plumbing product signifies certification to California’s legislative AB 1953 and Vermont’s legislative Act 193 that limits the lead content in plumbing fixtures that come in contact with drinking water to a maximum of 0.25% lead.

- **UL®.** All State residential water heaters are UL listed according to safety specifications outlined in Underwriters Laboratories, Inc. Standards for Safety (UL 174).

- **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.**
When it comes to building a tough commercial-grade water heater, the keys to success are outstanding components and superior manufacturing capabilities. We've combined these two important elements to create the ProLine® family of commercial-grade residential water heaters. This wholesale-channel exclusive will give State Water Heaters' contractors the ultimate advantage.
TANKLESS WATER HEATER MODELS

Ground Water Temperature Factor

The temperature of incoming ground water (cold water inlet temperature) varies greatly throughout the U. S. and also fluctuates with the changing of the seasons. The temperature of the water as it enters the water heater will determine the amount of “temperature rise” required to achieve the desired hot water outlet temperature (120°F is recommended).

The best way to measure your incoming ground water temperature is to use a thermometer to measure cold water temperature during the coldest season of the year. To simplify the process, use this map to determine whether your installation location is in the Southern Zone, Central Zone, or Northern Zone.

Peak Hot Water Demand

The next step is to determine how much hot water will be required during the busiest usage period (“peak demand”). Consider all appliances and fixtures that use hot water, including lavatory faucets, kitchen faucets, washing machines, dishwashers, showers and bathtubs. Be sure to determine how many appliances and fixtures will be used at the same time (“peak demand”).

RESIDENTIAL WATER HEATER SELECTION GUIDE

RESIDENTIAL TANK-TYPE WATER HEATER MODELS

Determine whether your family is low demand or high demand. You should consider your family to be high demand if...

- More than 2 full baths in home
- Teenagers living in home
- Over-sized whirlpool bath or large tub

Locate your family size and determine the first hour rating requirement for your family. If you decide your family is high demand, consider moving up to the next first hour rating level.

FAMILY SIZE

45-55 GALLONS
2 People

55-65 GALLONS
3 People

65-75 GALLONS
4 People

75-85 GALLONS
5 People

85-100 GALLONS
6 People

100 or more GALLONS
7 People

Consult the heater options on the following pages for a State residential water heater with a first hour rating that meets your requirements.
Self-Powered Electronic Gas Valve

State gas water heaters are equipped with a self-powered electronic gas valve with intelligent control logic. The gas valve has an internal microprocessor that provides enhanced operating parameters and tighter differentials for precise sensing and faster heating response to optimize performance. The 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. It also incorporates an LED Status Indicator that monitors system operation and service diagnostics.

Enhanced-Flow Brass Drain Valve

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

Coregard™ Anode Rod

Feature a stainless steel center core that allows the anode to be secured in place, extending the life of the tank. Stainless steel core technology is the same that is used in our industry-leading commercial product line. ProLine® Master products have increased anode protection with either longer or multiple anodes, depending on model.

Commercial-Grade Electric Elements

ProLine® Master electric products are outfitted with long-lasting stainless steel upper and lower elements that are modeled after those used in our industry-leading commercial line.

Blue Diamond® Glass Coating

A patented commercial-grade formula that provides superior tank protection and corrosion resistance compared to the 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. Through our long history, we’ve learned that one size rarely fits all. That’s why we customize our signature formula to best meet the needs of every water heater we produce, ensuring long life no matter which State model you choose.

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Self-cleaning Dip Tubes

PEX cross-linked polymer dip tubes are long-lasting with superior resistance to destructive thermal deterioration and can withstand temperature excursions up to 400 degrees. PEX is the same material used in dip tubes found in our industry-leading commercial product line.

Commercial-Grade Electric Elements

ProLine® Master electric products are outfitted with long-lasting stainless steel upper and lower elements that are modeled after those used in our industry-leading commercial line.

Heat Trap Nipples

Helps mitigate standby heat loss. Factory-installed for faster installation.

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Heat Trap Nipples

Helps mitigate standby heat loss. Factory-installed for faster installation.
EARN POINTS BY PURCHASING STATE WATER HEATERS.

IT’S FREE AND EASY TO PARTICIPATE.
Enroll online at contractorrewards.com.

Eligible products will have a yellow reward code label worth valuable points. Two ways to enter the codes:
1. Download the Contractor Rewards mobile app and scan the code.
2. Enter the code at contractorrewards.com.

Redeem your points on thousands of reward items.

With over 1,000,000 merchandise items, your reward choices are endless.

STATE PROVIDES 6 KEY THINGS TO HELP GROW YOUR BUSINESS AND BECOME MORE PROFITABLE.

1. CONTRACTOR LOCATOR
An online locator that drives thousands of consumers from our websites right to our loyal contractors.

2. CONTRACTOR ADVERTISING TOOLS
Our Advertising Resource Center allows contractors to develop an easy, affordable and custom advertising campaign to promote their business. statewaterheater.com/ads

3. BREADTH OF PRODUCT LINE
Residential or commercial, we have the most complete line from standard models to the most innovative high efficiency water heaters available.

4. PRODUCT SALES TOOLS
We provide contractors access to the sales tools needed to close more sales.

5. CONTRACTOR REWARDS™ PROGRAM
Our program rewards our loyal contractors for buying our products. Buy more and get rewarded with prizes and higher status on our contractor locator.

6. BRAND SUPPORT
Marketing investment in our brand drives consumers to recognize our name, visit our website, locate local contractors and request our products.

To be listed on the Contractor Locator you must meet the minimum threshold of codes entered at: ContractorRewards.com

To learn more about these 6 key things please visit www.statewaterheaters.com/contractor

To learn more visit: www.statewaterheaters.com/contractorlocator
# RESIDENTIAL GAS WATER HEATERS

**PREMIUM FEATURES. COMMERCIAL-GRADE COMPONENTS.**

## PREMIUM FEATURES:

<table>
<thead>
<tr>
<th>Feature</th>
<th>PROLINE®</th>
<th>PROLINE® MASTER</th>
<th>PROLINE® XE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Cost</td>
<td>$$$</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>Installation Space Required</td>
<td>to</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Warranty (Years)</td>
<td>6</td>
<td>8</td>
<td>6-10</td>
</tr>
<tr>
<td>Blue Diamond® Glass Coating</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>DynaClean™ Automatic Sediment-Cleaning System</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Self-Powered Electronic Gas Valve</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Heat Trap Nipples</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Enhanced Flow Brass Drain Valve</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>CoreGard™ Advanced Anode Rod Protection</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Energy Star® Qualified*</td>
<td>●</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electronic User Interface*</td>
<td>●</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Over 90% Condensing Efficiency*</td>
<td>●</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Best In Class Material and Technology</td>
<td>●</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industry Leading Efficiency</td>
<td>●</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multiple Venting Options</td>
<td>●</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Select Heat Pump Water Heater models only. Hot Water Output, Cost of Operation, & Installation Space Required estimated based on typical applications/installations. For a more custom analysis of unique installations, visit www.statewaterheaters.com and use our product selector tool.
ENERGY STAR® QUALIFIED

CONDENSING DESIGN

- Helical internal heat exchanger keeps hot combustion gases in the tank longer to extract more heat into the water.
- High efficiency operation with 0.88 UEF (94% Thermal Efficiency) which saves money on operating costs compared to a standard efficiency gas water heater.

POWER VENT DESIGN FOR INSTALLATION VERSATILITY

- Power vent using PVC, CPVC, ABS or Polypropylene either thru-the-wall or thru-the-roof.

SIDE-MOUNTED TAPS FOR RECIRCULATING SYSTEMS

- Hot and cold “side taps” allow Premier Power Vent to be used for combination space/water heating applications.

INTELLI-VENT™ GAS CONTROL WITH SILICON NITRIDE HOT SURFACE IGNITOR

- Premium-grade hot surface ignitor eliminates standing pilot.
- Electronic circuitry provides superior system diagnostic capabilities plus extremely precise temperature control.

BLUE DIAMOND® GLASS COATING WITH TWO HEAVY DUTY ANODE RODS

- Provides superior corrosion resistance compared to the industry-standard glass lining.

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.

SELF-CLEANING DIP TUBE

CODE COMPLIANCE

- Meets IBC and ICC National Codes.

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or go to statewaterheaters.com.

*Intelli-Vent™ is a registered trademark of Emerson Electric Company

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>Thermal Efficiency</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>BTU Input Per Hour</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GP6 50 YTVIT</td>
<td>50</td>
<td>48</td>
<td>119</td>
<td>0.88</td>
<td>90%</td>
<td>92</td>
<td>76,000</td>
<td>Height to Top of Heater: 68-3/4</td>
<td>Height to Top of Blower: 71-1/8</td>
</tr>
</tbody>
</table>

Available in natural gas only.
Standard model certified for sea level to 5,300 ft. elevation. Specify high altitude when ordering for use in elevations up to 10,100 ft.
Optional Condensate Neutralizer Kit available (part number 100112380).
ENERGY STAR® QUALIFIED
- All models meet the ENERGY STAR® requirement and may also qualify for local utility and rebate programs.

ADVANCED ELECTRONIC CONTROL
- Exclusive State designed touch display control system.
- Precise temperature control.
- Advanced diagnostics.
- Built-in diagnostics and operational information.

CONDENSING DESIGN
- Helical internal heat exchanger keeps hot combustion gases in the tank longer to extract more heat into the water.
- High efficiency operation with up to 0.88 UEF (96% Thermal Efficiency) which saves money on operating costs compared to a standard efficiency gas water heater.

HELICAL INTERNAL HEAT EXCHANGER
- Spiral heat exchanger keeps hot combustion gases in the tank longer to lengthen the heat transfer cycle.

POWER DIRECT VENT DESIGN
- Power Direct vent using PVC, CPVC or Polypropylene either thru-the-wall or thru-the-roof.
- Optional concentric vent and low profile termination kits are available.

ULTRA-LOW NOx
- Complies with SCAQMD Rule 1146.2 and other air quality management districts with similar requirements for Ultra-Low NOx emissions requirements of 14 ng/J or 20 PPM.

SIDE-MOUNTED TAPS FOR RECIRCULATING SYSTEMS
- Hot and cold “side taps” allow Premier® Power Direct Vent to be used for combination space/water heating applications.

CODE COMPLIANCE
- Meets IBC and ICC National Codes.

6-YEAR LIMITED TANK AND PARTS WARRANTY
- For complete information, consult written warranty or go to statewaterheaters.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity (Gallons)</th>
<th>Rated Storage Volume (Gallons)</th>
<th>First Hour Efficiency (Gallons)</th>
<th>UEF</th>
<th>Thermal Efficiency</th>
<th>Recovery @ 90°F Rise @ 100,000 BTU Input Per Hour</th>
<th>Dimensions in Inches</th>
<th>BTU Input Per Hour</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GP6 50 YTPDT</td>
<td>50</td>
<td>49</td>
<td>100</td>
<td>0.88</td>
<td>96%</td>
<td>129</td>
<td>66-3/4</td>
<td>22</td>
<td>255</td>
</tr>
<tr>
<td>GP6 75 YTPDT</td>
<td>75</td>
<td>74</td>
<td>130</td>
<td>0.86</td>
<td>96%</td>
<td>129</td>
<td>65-1/4</td>
<td>27-3/4</td>
<td>382</td>
</tr>
</tbody>
</table>

Available in natural gas only.
Water connection is 3/4” on all models.
All models are certified from sea level to 10,100 ft. elevation.
Requires 120 VAC power supply.
ENERGY STAR® QUALIFIED

STAINLESS STEEL CONSTRUCTION

- Tank and helical heat exchanger are constructed from 444 stainless steel for excellent corrosion resistance without the need for an anode.

CONDENSING DESIGN

- Helical internal heat exchanger keeps hot combustion gases in the tank longer to extract more heat into the water.
- High efficiency operation with up to 0.90 UEF (96% Thermal Efficiency) which saves money on operating costs compared to a standard efficiency gas water heater.

ULTRA-LOW NOx

- Meets IBC and ICC National Codes.

POWER DIRECT VENT DESIGN

- Direct vent using PVC, CPVC or Polypropylene either thru-the-wall or thru-the-roof.

QUIET OPERATION

- Quiet blower and burner minimize noise.

OPTIONAL CONCENTRIC VENT KIT

ADVANCED ELECTRONIC CONTROL

- Exclusive State designed touch display control system.
- Precise temperature control.
- Built-in diagnostics and operational information.

CODE COMPLIANCE

- Meets IBC and ICC National Codes.

10-YEAR LIMITED TANK AND 1-YEAR LIMITED PARTS WARRANTY

- For complete information, consult written warranty or go to statewaterheaters.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>Thermal Efficiency</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>BTU/h Input Gallon Per Hour</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHX 34 100 N</td>
<td>34</td>
<td>33</td>
<td>170</td>
<td>0.90</td>
<td>96%</td>
<td>129</td>
<td>100,000</td>
<td>48-1/2</td>
<td>22</td>
</tr>
<tr>
<td>GHX 34 130 N</td>
<td>34</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>96%</td>
<td>165</td>
<td>130,000</td>
<td>48-1/2</td>
<td>22</td>
</tr>
<tr>
<td>GHX 34 150 N</td>
<td>34</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>94%</td>
<td>190</td>
<td>150,000</td>
<td>48-1/2</td>
<td>22</td>
</tr>
<tr>
<td>GHX 50 130 N</td>
<td>50</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>95%</td>
<td>185</td>
<td>130,000</td>
<td>63-3/4</td>
<td>22</td>
</tr>
<tr>
<td>GHX 50 150 N</td>
<td>50</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>95%</td>
<td>190</td>
<td>150,000</td>
<td>63-3/4</td>
<td>22</td>
</tr>
<tr>
<td>GHX 50 175 N</td>
<td>50</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>96%</td>
<td>222</td>
<td>175,000</td>
<td>63-3/4</td>
<td>22</td>
</tr>
<tr>
<td>GHX 50 199 N</td>
<td>50</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>96%</td>
<td>253</td>
<td>199,000</td>
<td>63-3/4</td>
<td>22</td>
</tr>
</tbody>
</table>

Available in Propane (LP) gas. Specify when ordering Propane (LP) gas.

Models certified for sea level to 7,700 ft. elevation.
VERSATILE POWER VENT DESIGN

- All models feature an exclusive 3-position rotatable blower outlet which adds flexibility.
- Combined horizontal and vertical vent runs up to 180 equivalent feet with 4” diameter venting (ABS, PVC, CPVC and polypropylene).
- All models are equipped with a protected sensor that detects the presence of flammable vapors and automatically disables the burner to prevent ignition.
- Air intake snorkel elevates the inlet location of combustion air to prevent flammable vapors from entering the sealed combustion chamber.

HOT-SURFACE IGNITOR

- More robust and reliable than standing pilot, and reduces energy consumption.

BUILT-IN HEAT TRAPS ON THE WATER INLET AND OUTLET REDUCE THE AMOUNT OF HEAT LOST THROUGH PIPING

2-INCH-THICK, ENVIRONMENTALLY FRIENDLY FOAM INSULATION REDUCES THE AMOUNT OF HEAT LOSS AND CONTRIBUTES TO OVERALL ENERGY EFFICIENCY

USER-FRIENDLY

- State-of-the-art electronic gas control provides more precise temperature control.
- LED control light displays operation status and diagnostics information.

ENHANCED-FLOW BRASS DRAIN VALVE

AVAILABLE IN NATURAL GAS AND PROPANE

CODE COMPLIANCE:

- Meets UBC, CEC and HUD National Codes.

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or go to statewaterheaters.com

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Series</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>UEF</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>BTU Input Gallon Per Hour</th>
<th>First Hour Rating (Gallons)</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS6 40 YBVIS</td>
<td>200</td>
<td>40</td>
<td>38</td>
<td>0.67</td>
<td>45</td>
<td>40,000</td>
<td>72</td>
<td>Height to Top of Blower</td>
<td>Height to Top of Tank</td>
</tr>
<tr>
<td>GS6 40 YRVIT</td>
<td>200</td>
<td>40</td>
<td>38</td>
<td>0.70</td>
<td>56</td>
<td>50,000</td>
<td>93</td>
<td>68-1/8</td>
<td>59-1/4</td>
</tr>
<tr>
<td>GS6 50 YBVIS</td>
<td>200</td>
<td>50</td>
<td>49</td>
<td>0.72</td>
<td>45</td>
<td>40,000</td>
<td>93</td>
<td>60-1/8</td>
<td>58-3/4</td>
</tr>
<tr>
<td>GS6 50 YRVIT</td>
<td>200</td>
<td>50</td>
<td>48</td>
<td>0.72</td>
<td>56</td>
<td>50,000</td>
<td>96</td>
<td>68-1/8</td>
<td>58-3/4</td>
</tr>
<tr>
<td>GS6 50 YRVHSL</td>
<td>200</td>
<td>50</td>
<td>50</td>
<td>0.73</td>
<td>69</td>
<td>62,000</td>
<td>108</td>
<td>61-1/8</td>
<td>52</td>
</tr>
<tr>
<td>16SS 75 YRVHTL</td>
<td>110</td>
<td>75</td>
<td>72</td>
<td>0.69</td>
<td>80</td>
<td>76,000</td>
<td>N/A</td>
<td>70-5/8</td>
<td>61-1/4</td>
</tr>
</tbody>
</table>

All models have 3/4” NPT water connections.
Side connections standard on YRVHSL and YRVHTL models.
Side connections available on YRVIT models. Add “L” to the model number (example GS6 40 YRVITL).
All models rated for installation at altitudes up to 10,100 ft.

Natural gas models cited are 200/210. Propane models are series 201/211. When ordering propane gas, change “Y” to “H” in the model number (example GS6 40 HBVIS).
† GS6 75 YRVHTL is not ENERGY STAR® Qualified.
POWER DIRECT VENT DESIGN
- Combined horizontal and vertical vent runs up to 180 equivalent feet with 4” diameter venting (ABS, PVC, CPVC and polypropylene).
- Two-pipe sealed combustion system uses outside air, eliminating problems caused by insufficient indoor ventilation.

GREEN CHOICE® GAS BURNER
- Patented eco-friendly gas burner design reduces NOx and complies with Low-NOx emission requirements of less than 40 ng/J.

HOT-SURFACE IGNITOR
- More robust and reliable than standing pilot, and reduces energy consumption.

SELF-CLEANING DIP TUBE

USER-FRIENDLY
- State-of-the-art electronic gas control provides more precise temperature control.
- LED control light displays operation status and diagnostics information.

ENHANCED-FLOW BRASS DRAIN VALVE

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

CODE COMPLIANCE:
- Meets UBC, CEC and HUD National Codes.

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

6-YEAR LIMITED TANK AND PARTS WARRANTY
- For complete information, consult written warranty or go to statewaterheaters.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Series</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>NG Input Per Hour Propane</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS6 40 YBPDS</td>
<td>200</td>
<td>40</td>
<td>38</td>
<td>74</td>
<td>0.68</td>
<td>40,000</td>
<td>45</td>
<td>Height to Top of Blower</td>
<td>58-1/4</td>
</tr>
<tr>
<td>GS6 50 YBPDT</td>
<td>200</td>
<td>50</td>
<td>48</td>
<td>81</td>
<td>0.72</td>
<td>45,000</td>
<td>50</td>
<td>Height to Top of Tank</td>
<td>67-1/2</td>
</tr>
<tr>
<td>GS6 50 YRPDTL 5</td>
<td>200</td>
<td>50</td>
<td>48</td>
<td>118</td>
<td>0.73</td>
<td>62,000*</td>
<td>73</td>
<td>Diameter</td>
<td>69</td>
</tr>
<tr>
<td>†GS6 75 YRPDTL</td>
<td>210</td>
<td>75</td>
<td>72</td>
<td>129</td>
<td>0.68</td>
<td>76,000</td>
<td>82</td>
<td>Height to Top of Tank</td>
<td>70-5/8</td>
</tr>
</tbody>
</table>

When ordering propane (LP), change “Y” to “H” in the model number (example: GS6 40 YBPDSL).
For side connect models, add “L” to the model number (example: GPDX 50L).
Side connections available on YBPDS and YBPDT models.
Natural gas models cited are series 200/210. Propane models are series 201/211.

† GS6 75 YRPDTL 5 is not ENERGY STAR® qualified.
ENERGY STAR® QUALIFIED

AUTOMATIC FLUE DAMPER

- Increases efficiency as it automatically opens and closes to reduce heat loss in the standby mode.

ELECTRONIC GAS CONTROL

DIAGNOSTICS

ELECTRONIC IGNITION

SELF-CLEANING DIP TUBE

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.

COREGARD™ ANODE ROD

ENHANCED-FLOW BRASS DRAIN VALVE

BLUE DIAMOND® GLASS COATING

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

CODE COMPLIANCE

- Meets UBC, CEC and HUD National Codes.

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 water heaters.

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or go to statewaterheaters.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>BTU Input</th>
<th>Recovery @ 90°F Rise Per Hour</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Gallon Per Hour Natural*</td>
<td>Foam Thickness</td>
<td>Height to Top of Draft Hood</td>
</tr>
<tr>
<td>Tall Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Gallon Per Hour Natural*</td>
<td>Height to Top of Tank</td>
<td>Diameter</td>
</tr>
<tr>
<td>GS6 40 YBFT</td>
<td>40</td>
<td>38</td>
<td>70</td>
<td>0.64</td>
<td>40,000</td>
<td>42</td>
<td>2</td>
<td>64-1/4</td>
</tr>
<tr>
<td>GS6 50 YBFT</td>
<td>50</td>
<td>48</td>
<td>84</td>
<td>0.69</td>
<td>40,000</td>
<td>42</td>
<td>2</td>
<td>63-1/2</td>
</tr>
<tr>
<td>Short Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Gallon Per Hour Natural*</td>
<td>Height to Top of Tank</td>
<td>Diameter</td>
</tr>
<tr>
<td>GS6 40 YBFT</td>
<td>40</td>
<td>38</td>
<td>65</td>
<td>0.66</td>
<td>40,000</td>
<td>42</td>
<td>2</td>
<td>54</td>
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<tr>
<td>GS6 50 YBFT</td>
<td>50</td>
<td>49</td>
<td>78</td>
<td>0.69</td>
<td>40,000</td>
<td>42</td>
<td>2</td>
<td>55-3/4</td>
</tr>
</tbody>
</table>

Requires 120 VAC power supply.
Water connection is 3/4˝ on all models.
When ordering top-mounted T&P valve, add “G” to the model number (example: GS6 40 YBFT G).
All models are certified from sea level to 10,100 ft. elevation.
* GS6 50 YBFS available in natural gas only. All other models available in propane (LP) gas.
ENERGY STAR® EFFICIENCY
- Eco-friendly non-CFC foam insulation and an automatic flue damper increase efficiency to provide maximum household annual operating cost savings.

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 10ng/J.

ELECTRONIC GAS CONTROL

SELF-CLEANING DIP TUBE

COREGARD™ ANODE ROD

BLUE DIAMOND® GLASS COATING

ENHANCED-FLOW BRASS DRAIN VALVE

REQUIRES 120V POWER 19.5’ CORD INCLUDED

CODE COMPLIANCE
- Meets UBC, CEC and HUD (excluding mobile homes) National Codes.

CSA AND 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 water heaters.

6-YEAR LIMITED TANK AND PARTS WARRANTY
- For complete information, consult written warranty or go to statewaterheaters.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>BTU Input Natural Gas</th>
<th>Recovery @ 90F Rise (Gallon/Hour)</th>
<th>Foam Thickness</th>
<th>Height to Top of Blower</th>
<th>Height to Top of Tank</th>
<th>Diameter</th>
<th>Draft Hood Outlet</th>
<th>Approx. Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS6-40-BFUT</td>
<td>40</td>
<td>38</td>
<td>68</td>
<td>0.65</td>
<td>40,000</td>
<td>42</td>
<td>64-1/4</td>
<td>58-1/4</td>
<td>20</td>
<td>3 or 4</td>
<td></td>
<td>152</td>
</tr>
<tr>
<td>GS6-50-BFUT</td>
<td>50</td>
<td>48</td>
<td>83</td>
<td>0.70</td>
<td>40,000</td>
<td>42</td>
<td>63-1/2</td>
<td>57-1/4</td>
<td>22</td>
<td>3 or 4</td>
<td></td>
<td>167</td>
</tr>
</tbody>
</table>

Requires 120VAC power supply located within 19ft of the heater.
Water connection is 3/4” on all models.
Standard top T&P, specify when ordering side T&P.
All models are certified from sea level to 7,800ft elevation.
POWER VENTING MADE SIMPLE
- Thru-the-Wall or Thru-the-Roof power venting using either 2” or 3” PVC, ABS or CPVC vent pipe.

INTELLI-VENT™ GAS CONTROL
- Advanced electronics for more precise control of water temperature and easy to understand system diagnostics.

COMBINATION THERMOSTAT/ECO
- Utilizes an intermittent ignition gas valve (no standing pilot) with thermistor temperature sensor and built-in high temperature cut off.

QUIET AND EFFICIENT BLOWER
- Factory-installed 6-foot power cord with 3-prong male connector provided. Electrical requirements; 110/120 VAC power source, less than 5 amp draw.

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

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

ENHANCED-FLOW BRASS DRAIN VALVE

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.

6-YEAR LIMITED TANK AND PARTS WARRANTY
- For complete information, consult written warranty or go to statewaterheaters.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>BTU Input Galion Per Hour</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS6 40 UBVIT</td>
<td>40</td>
<td>38</td>
<td>76</td>
<td>0.70</td>
<td>42.6</td>
<td>42,000</td>
<td>66-7/8</td>
<td>58-5/8</td>
</tr>
<tr>
<td>GS6 50 UBVIT</td>
<td>50</td>
<td>48</td>
<td>71</td>
<td>0.65</td>
<td>42.6</td>
<td>42,000</td>
<td>65-5/8</td>
<td>57-7/16</td>
</tr>
</tbody>
</table>

No option available for Top T&P valve.
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 (GW8 55 RCT).

SELF CLEANING DIP TUBE

COREGARD™ ANODE ROD
- ProLine® Master products have increased anode protection with either longer, or multiple anodes depending on model.

PUSH-BUTTON PIEZO IGNITOR

ENHANCED-FLOW BRASS DRAIN VALVE

HEAT TRAP NIPPLES

BLUE DIAMOND® GLASS COATING
- Blue Diamond® Glass Coating blend is formulated in the same lab that creates the protection for our industry-leading commercial product line.

CODE COMPLIANCE
- Meets UBC, CEC and HUD National Codes.

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 water heaters.

8-YEAR LIMITED TANK AND PARTS WARRANTY
- For complete information, consult written warranty or go to statewaterheaters.com.

### Model Number Table

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Gallon Capacity</th>
<th>Required 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>
</tr>
</thead>
<tbody>
<tr>
<td>Tall Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GW8 40 BCT</td>
<td>40</td>
<td>38</td>
<td>80</td>
<td>0.66</td>
<td>40,000</td>
<td>36,000</td>
<td>42</td>
<td>61-3/4 58-1/4 20</td>
<td>3 or 4 138</td>
</tr>
<tr>
<td>GW8 50 BRT</td>
<td>50</td>
<td>48</td>
<td>81</td>
<td>0.62</td>
<td>40,000</td>
<td>37,000</td>
<td>41</td>
<td>60-3/4 57-1/4 21</td>
<td>3 or 4 148</td>
</tr>
<tr>
<td>GW8 50 BCT</td>
<td>50</td>
<td>48</td>
<td>84</td>
<td>0.62</td>
<td>40,000</td>
<td>37,000</td>
<td>43</td>
<td>60-3/4 57-1/4 22</td>
<td>3 or 4 165</td>
</tr>
<tr>
<td>GW8 50 RCT*</td>
<td>50</td>
<td>48</td>
<td>89</td>
<td>0.61</td>
<td>50,000</td>
<td>45,000</td>
<td>54</td>
<td>60-3/4 57-1/4 22</td>
<td>4 165</td>
</tr>
<tr>
<td>GW8 55 XCT*</td>
<td>55</td>
<td>55</td>
<td>83</td>
<td>0.62</td>
<td>60,000</td>
<td>54,000</td>
<td>65</td>
<td>59-3/4 55-1/4 24</td>
<td>4 185</td>
</tr>
<tr>
<td>Short Models</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>GW8 40 BCS</td>
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<td>38</td>
<td>67</td>
<td>0.59</td>
<td>40,000</td>
<td>36,000</td>
<td>41</td>
<td>51-1/2 48</td>
<td>3 or 4 135</td>
</tr>
<tr>
<td>GW8 50 BCS</td>
<td>50</td>
<td>50</td>
<td>81</td>
<td>0.62</td>
<td>40,000</td>
<td>40,000</td>
<td>43</td>
<td>53-1/4 49-3/4 24</td>
<td>3 or 4 177</td>
</tr>
</tbody>
</table>

Water connection – 3/4” on all models.
*Optional side-mounted recirculating taps, add “L” to the suffix in the model number (GS6 50 RCTL).
All models approved for installation from sea level to 10,100 ft. elevation.
THE ELECTRONIC GAS CONTROL INCORPORATES AN LED STATUS INDICATOR THAT MONITORS SYSTEM OPERATION AND SERVICE DIAGNOSTICS

HIGH UNIFORM ENERGY FACTORS (UEF)
- Eco-friendly non-CFC foam insulation, heat traps and specially designed combustion chamber combine to produce a high UEF 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

COREGARD™ ANODE ROD
- ProLine® Master products have increased anode protection with either longer, or multiple anodes depending on model.

PUSH-BUTTON PIEZO IGNITOR

HEAT TRAP NIPPLES

BLUE DIAMOND® GLASS COATING
- 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

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.

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.

8-YEAR LIMITED TANK AND PARTS WARRANTY
- For complete information, consult written warranty or go to statewaterheaters.com

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>BTU Input</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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<td>Tall Models</td>
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<td></td>
</tr>
<tr>
<td>GW8 40 BRUT</td>
<td>40</td>
<td>38</td>
<td>72</td>
<td>0.55</td>
<td>40,000</td>
<td>41</td>
<td>18</td>
<td>3 or 4</td>
</tr>
<tr>
<td>GW8 40 BCUT</td>
<td>40</td>
<td>38</td>
<td>81</td>
<td>0.64</td>
<td>40,000</td>
<td>41</td>
<td>20</td>
<td>3 or 4</td>
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<tr>
<td>GW8 50 BRUT</td>
<td>50</td>
<td>48</td>
<td>84</td>
<td>0.61</td>
<td>40,000</td>
<td>42</td>
<td>20</td>
<td>3 or 4</td>
</tr>
<tr>
<td>GW8 50 BCUT</td>
<td>50</td>
<td>48</td>
<td>84</td>
<td>0.64</td>
<td>40,000</td>
<td>42</td>
<td>22</td>
<td>3 or 4</td>
</tr>
<tr>
<td>GW8 50 RCUTL*</td>
<td>50</td>
<td>48</td>
<td>91</td>
<td>0.60</td>
<td>50,000</td>
<td>51</td>
<td>22</td>
<td>4</td>
</tr>
<tr>
<td>Short Models</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>GW8 40 BCUS</td>
<td>40</td>
<td>38</td>
<td>72</td>
<td>0.57</td>
<td>40,000</td>
<td>41</td>
<td>22</td>
<td>3 or 4</td>
</tr>
</tbody>
</table>

All models may be ordered from the factory with top T&P valve as an option by adding “G” to the suffix of the model number (example GW8 40 BCUTG).
*Side loop connections are standard on model GW8 50 RCUTL.
*Most models approved for installation from sea level to 7,700 ft. elevation (except GW8 50 RCUTL, approved to 5,400 ft.).
HIGHEST RECOVERIES

- Capacity/input combinations up to 98 gallons/75,100 BTUs produce recoveries up to 81 gallons per hour.

THE ELECTRONIC GAS CONTROL INCORPORATES AN LED STATUS INDICATOR THAT MONITORS SYSTEM OPERATION AND SERVICE DIAGNOSTICS

GREEN CHOICE® GAS BURNER

- Patented eco-friendly burner design reduces NOx emissions up to 33% and complies with Low-NOx emission requirements of 40 ng/J.

SELF-CLEANING DIP TUBE

COREGARD™ ANODE ROD

PUSH-BUTTON PIEZO IGNITOR

BLUE DIAMOND® GLASS COATING

ENHANCED-FLOW BRASS DRAIN VALVE

CODE COMPLIANCE

- Meets UBC, CEC and ICC National Codes.

DESIGN-CERTIFIED BY CSA INTERNATIONAL

- Certified at 300 psi test pressure and 150 psi working pressure.
- Listed according to ANSI Z21.10.1-CSA4.1 standards governing storage tank-type gas water heaters. CSA Certified and ASME Rated T&P Relief Valve.

MAXIMUM HYDROSTATIC WORKING PRESSURE 150 PSI

DESIGN-LISTED BY UNDERWRITERS LABORATORIES

- Certified at 300 psi test pressure and 150 psi working pressure.
- Listed according to ANSI Z21. 10.3 CSA 4.3 standards governing storage tank-type water heaters.

6-YEAR LIMITED TANK AND PARTS LIMITED WARRANTY

- For complete information, consult written warranty or go to statewaterheaters.com.

### Model Number Specifications

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>UEF</th>
<th>BTU Input Natural Gas</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS6 75 XRRS</td>
<td>74</td>
<td>71</td>
<td>0.60</td>
<td>75,100</td>
<td>81</td>
<td>Height to Top of Draft Hood: 61 in</td>
<td>270</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Height to Top of Tank: 58-1/2 in</td>
<td></td>
</tr>
<tr>
<td>GS6 100 XRRT</td>
<td>98</td>
<td>95</td>
<td>0.58</td>
<td>75,100</td>
<td>81</td>
<td>Diameter: 16 in</td>
<td>340</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Draft Hood Outlet: 4 in</td>
<td></td>
</tr>
</tbody>
</table>

Water connections are 1” male NPT on GS6 75 XRRS and 1-1/4” on GS6 100 XRRT.

For 10-year tank and 10-year parts limited warranty, change “6” to “X” in the model number (example: GSX 75 XRRS).

For optional side-mounted recirculating taps, add “L” to suffix (example: GSX 75 XRRL).

When ordering propane (LP) gas change “X” to “C” in the model number (example: GS6 75 CRRS).

All models are certified from sea level to 7,700 ft. elevation.
DIRECT VENT DESIGN

- One-pipe, dual-channel closed system draws all make-up air from outside the home, eliminating problems caused by insufficient indoor ventilation and is FVIR compliant.
- Horizontal air intake and venting on all models up to 80 inches from outside wall with no electrical power needed.

INTELLIGENT CONTROL LOGIC

GREEN CHOICE® GAS BURNER

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

SELF-CLEANING DIP TUBE

COREGARD™ ANODE ROD

PUSH BUTTON PIEZO IGNITOR

HEAT TRAP NIPPLES

CODE COMPLIANCE

- Meets UBC, CEC and HUD National Codes.

DESIGN-CERTIFIED BY CSA INTERNATIONAL

- Certified at 300 psi test pressure and 150 psi working pressure. Listed according to ANZI 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 statewaterheaters.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>Input BTU Per Hour</th>
<th>Recovery 90ºF Rise Gallon Per Hour</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS6 40 YBDS</td>
<td>40</td>
<td>39</td>
<td>64</td>
<td>0.60</td>
<td>38,000</td>
<td>41</td>
<td>49-3/4</td>
<td>22 Co-Axial</td>
</tr>
<tr>
<td>GS6 50 YBDS</td>
<td>50</td>
<td>48</td>
<td>77</td>
<td>0.66</td>
<td>40,000</td>
<td>43</td>
<td>59</td>
<td>22 Co-Axial</td>
</tr>
<tr>
<td>GS6 50 YRDS</td>
<td>50</td>
<td>48</td>
<td>83</td>
<td>0.65</td>
<td>47,000</td>
<td>51</td>
<td>60</td>
<td>22 Co-Axial</td>
</tr>
</tbody>
</table>

Dual-channel system has 3" vent pipe inside 6" air intake pipe, for the 40 and 50-gallon models.
Water connection is ¾" male on 8" center.
Allow 29¼" for front to back dimension for gas control and air intake pipe at the rear of the heater.
No option available for top T&P.
All models are available in propane (LP) gas (series 301).
All models are certified from sea level to 7,700 ft. elevation.
All models available with side connections. Add "L" to the model number, example GS6 40 YBDS L.
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).

SELF CLEANING DIP TUBE

COREGARD™ ANODE ROD

PUSH-BUTTON PIEZO IGNITOR

ENHANCED-FLOW BRASS DRAIN VALVE

HEAT TRAP NIPPLES

BLUE DIAMOND® GLASS COATING

CODE COMPLIANCE

- Meets UBC, CEC and HUD National Codes.

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 water heaters.

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or go to statewaterheaters.com.

```
<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Gallon Capacity</th>
<th>Rated 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>Height to Top of Draft Hood</th>
<th>Height to Top of Tank</th>
<th>Diameter</th>
<th>Draft Hood Outlet</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tall Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>1GS6 30 ORBT</td>
<td>30</td>
<td>29</td>
<td>69</td>
<td>0.61</td>
<td>35,500</td>
<td>32,000</td>
<td>37</td>
<td>61-1/2</td>
<td>58</td>
<td>16</td>
<td>3 or 4</td>
<td>123</td>
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<tr>
<td>GS6 30 OCT</td>
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<td>29</td>
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<td>0.60</td>
<td>35,500</td>
<td>32,000</td>
<td>37</td>
<td>61-1/2</td>
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<td>18</td>
<td>3 or 4</td>
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<td>1GS6 40 OCT</td>
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<td>38</td>
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<td>0.61</td>
<td>35,500</td>
<td>N/A</td>
<td>38</td>
<td>61-3/4</td>
<td>58-1/4</td>
<td>20</td>
<td>3 or 4</td>
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<tr>
<td>1GS6 40 BRTB</td>
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<td>78</td>
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<td>40,000</td>
<td>36,000</td>
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<td>61-3/4</td>
<td>58-1/4</td>
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<td>40</td>
<td>38</td>
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<td>0.66</td>
<td>40,000</td>
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<td>58-1/4</td>
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<td>138</td>
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<tr>
<td>GS6 50 BRT*</td>
<td>50</td>
<td>48</td>
<td>81</td>
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<td>60-3/4</td>
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<td>37,000</td>
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<td>60-3/4</td>
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<td>GS6 50 RCT*</td>
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<td>89</td>
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<td>50,000</td>
<td>45,000</td>
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<td>57-1/4</td>
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<td>1GS6 50 XCT*</td>
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<td>54,000</td>
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<td>65-1/2</td>
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<td>22</td>
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<td>GS6 55 XCT*</td>
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<td>83</td>
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<td>54,000</td>
<td>65</td>
<td>59-3/4</td>
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<td>4</td>
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<td>Short Models</td>
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<td></td>
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<td></td>
<td></td>
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<tr>
<td>1GS6 30 ORBS</td>
<td>30</td>
<td>28</td>
<td>68</td>
<td>0.58</td>
<td>35,500</td>
<td>32,000</td>
<td>37</td>
<td>46-1/2</td>
<td>18</td>
<td>3 or 4</td>
<td>110</td>
<td></td>
</tr>
<tr>
<td>GS6 30 OCS</td>
<td>30</td>
<td>28</td>
<td>66</td>
<td>0.59</td>
<td>35,500</td>
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<td>36</td>
<td>46-1/2</td>
<td>20</td>
<td>3 or 4</td>
<td>118</td>
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</tr>
<tr>
<td>1GS6 40 BRBS</td>
<td>40</td>
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<td>68</td>
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<td>40,000</td>
<td>36,000</td>
<td>41</td>
<td>51-1/2</td>
<td>48</td>
<td>20</td>
<td>3 or 4</td>
<td>134</td>
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<tr>
<td>GS6 40 BCS</td>
<td>40</td>
<td>38</td>
<td>67</td>
<td>0.59</td>
<td>40,000</td>
<td>36,000</td>
<td>41</td>
<td>51-1/2</td>
<td>48</td>
<td>22</td>
<td>3 or 4</td>
<td>135</td>
</tr>
<tr>
<td>GS6 50 BCS</td>
<td>50</td>
<td>50</td>
<td>81</td>
<td>0.62</td>
<td>40,000</td>
<td>40,000</td>
<td>43</td>
<td>53-1/4</td>
<td>49-3/4</td>
<td>24</td>
<td>3 or 4</td>
<td>177</td>
</tr>
</tbody>
</table>
```

Water connection is 3/4” on all models. †Optional side-mounted recirculating taps, add “L” to the suffix in the model number (GS6 40 RCTL).
† Models ship with supplied insulation blanket. ‡ Models ship with supplied insulation blanket. †‡ Models ship with supplied insulation blanket. †For 10-year tank and 10-year parts limited warranty, change “6” to “X” in the model number (example: GSX 30 OCT).
All models approved for installation from sea level to 10,100 ft elevation. † LP models not available on GS6 40 OCT.

6-YEAR LIMITED TANK AND PARTS WARRANTY

For complete information, consult written warranty or go to statewaterheaters.com.
COMPLIES WITH HUD STANDARDS FOR MANUFACTURED HOUSING INSTALLATION

GAS CONTROL CONVERTIBLE FOR NATURAL AND PROPANE GAS
- For flexibility to meet the varying needs of manufactured housing installations.

SIDE-MOUNTED 3/4" COLD WATER INLET
- For ease of installation when cold water supply originates below the structure.
- Top mounted 3/4" hot water outlet.

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.

COREGARD™ ANODE ROD

BLUE DIAMOND® GLASS COATING

ENHANCED-FLOW BRASS DRAIN VALVE

CODE COMPLIANCE
- Meets UBC, CEC and HUD National Codes.

DESIGN-CERTIFIED BY CSA INTERNATIONAL
- Certified at 300 psi test pressure and 150 psi working pressure.
- Listed according to ANSI Z21.10.1-CSA4.1 standards governing storage tank-type gas water heaters.

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

6-YEAR LIMITED TANK AND PARTS WARRANTY
- For complete information, consult written warranty or go to statewaterheaters.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>BTU Input Per Hour Natural Gas</th>
<th>BTU Input Per Hour Propane Gas</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS6 30 MHG</td>
<td>30</td>
<td>29</td>
<td>63</td>
<td>0.61</td>
<td>35,500</td>
<td>32,000</td>
<td>36</td>
<td>Height to Top of Draft 61-1/2</td>
<td>Height to Top of Tank 58</td>
</tr>
<tr>
<td>GS6 40 MHG</td>
<td>40</td>
<td>38</td>
<td>59</td>
<td>0.58</td>
<td>35,500</td>
<td>32,000</td>
<td>36</td>
<td>Height to Top of Draft 61-3/4</td>
<td>Height to Top of Tank 58-1/4</td>
</tr>
</tbody>
</table>

All models ship from the factory for use with natural gas. A complete propane (LP) burner is supplied for converting to propane gas.
All models are certified from sea level to 10,100 ft. elevation.
No option available for top T&P.
COMPLIES WITH HUD STANDARDS FOR MANUFACTURED HOUSING INSTALLATION

GAS CONTROL CONVERTIBLE FOR NATURAL AND PROPANE GAS

- For flexibility to meet the varying needs of manufactured housing installations.

DIRECT VENT MODELS PACKAGE WITH BOTTOM INTAKE AIR VENT

- To draw all combustion make-up air from outside the structure.

OPTIONAL DUCTED AIR INLET KIT FOR DIRECT VENT MODELS

- For use when water heater is installed over a basement.
- Provision for horizontal air inlet ducting.

SIDE-MOUNTED 3/4” COLD WATER INLET

GREEN CHOICE® GAS BURNER

- Patented eco-friendly burner design reduces NOx emissions up to 33% and complies with Low-NOx emission requirements of 40 ng/J.

SELF-CLEANING DIP TUBE

COREGARD™ ANODE ROD

ENHANCED-FLOW BRASS DRAIN VALVE

BLUE DIAMOND® GLASS COATING

CODE COMPLIANCE

- Meets UBC, CEC and HUD National Codes.

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.

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or go to statewaterheaters.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume (Gallons)</th>
<th>UEF</th>
<th>Btu Input Per Hour Natural Gas</th>
<th>Btu Input Per Hour Propane</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>Height to Top of Vent CONN.</th>
<th>Height to Top of Tank</th>
<th>Diameter</th>
<th>Vent Outlet</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS6 30 MOV</td>
<td>30</td>
<td>29</td>
<td>60</td>
<td>0.61</td>
<td>30,000</td>
<td>29,000</td>
<td>31</td>
<td>61</td>
<td>58</td>
<td>18</td>
<td>3</td>
</tr>
<tr>
<td>GS6 40 MOV</td>
<td>40</td>
<td>38</td>
<td>57</td>
<td>0.59</td>
<td>32,000</td>
<td>29,000</td>
<td>33</td>
<td>61-3/4</td>
<td>58-3/4</td>
<td>20</td>
<td>3</td>
</tr>
<tr>
<td>GS6 50 MOV</td>
<td>50</td>
<td>47</td>
<td>67</td>
<td>0.56</td>
<td>40,000</td>
<td>37,000</td>
<td>39</td>
<td>60</td>
<td>57</td>
<td>22</td>
<td>3</td>
</tr>
</tbody>
</table>

All models ship from the factory for use with natural gas, a complete propane burner is supplied for converting to propane gas.

No option available for top T&P.
Water connections-3/4” on all models.
All models approved for installation from sea level to 5,400 ft. elevation.
THE ELECTRONIC GAS CONTROL INCORPORATES AN LED STATUS INDICATOR THAT MONITORS SYSTEM OPERATION AND SERVICE DIAGNOSTICS

HIGH UNIFORM ENERGY FACTORS (UEF)

• Eco-friendly non-CFC foam insulation, heat traps and specially designed combustion chamber combine to produce a high UEF 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

COREGARD™ ANODE ROD

PUSH-BUTTON PIEZO IGNITOR

HEAT TRAP NIPPLES

BLUE DIAMOND® GLASS COATING

ENHANCED-FLOW BRASS DRAIN VALVE

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.
• Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy Conservation Act (EPCA), as amended.

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 statewaterheaters.com

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>BTU Input Per Hour Natural Gas</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Height to Top of Tank</td>
<td>Draft Hood Outlet</td>
</tr>
<tr>
<td>Tall Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Height to Top of Draft Hood</td>
<td>Diameter</td>
</tr>
<tr>
<td>GS6 30 ORUT</td>
<td>30</td>
<td>29</td>
<td>62</td>
<td>0.59</td>
<td>34</td>
<td>33,000</td>
<td>61-3/4</td>
<td>58</td>
</tr>
<tr>
<td>GS6 40 BRUT</td>
<td>40</td>
<td>38</td>
<td>72</td>
<td>0.55</td>
<td>41</td>
<td>40,000</td>
<td>62</td>
<td>58-1/4</td>
</tr>
<tr>
<td>GS6 40 BCUT</td>
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<td>38</td>
<td>81</td>
<td>0.64</td>
<td>41</td>
<td>40,000</td>
<td>62</td>
<td>58-1/4</td>
</tr>
<tr>
<td>GS6 50 BRUT</td>
<td>50</td>
<td>48</td>
<td>84</td>
<td>0.61</td>
<td>42</td>
<td>40,000</td>
<td>60-3/4</td>
<td>57-1/4</td>
</tr>
<tr>
<td>GS6 50 BCUT</td>
<td>50</td>
<td>48</td>
<td>91</td>
<td>0.64</td>
<td>42</td>
<td>40,000</td>
<td>60-3/4</td>
<td>57-1/4</td>
</tr>
<tr>
<td>GS6 50 RCU*</td>
<td>50</td>
<td>48</td>
<td>94</td>
<td>0.60</td>
<td>51</td>
<td>50,000</td>
<td>61</td>
<td>57-1/2</td>
</tr>
<tr>
<td>Short Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Height to Top of Tank</td>
<td>Draft Hood Outlet</td>
</tr>
<tr>
<td>GS6 40 BCUS</td>
<td>40</td>
<td>38</td>
<td>72</td>
<td>0.57</td>
<td>41</td>
<td>40,000</td>
<td>51-1/2</td>
<td>47-3/4</td>
</tr>
</tbody>
</table>

All models may be ordered from the factory with top T&P valve as an option by adding “G” to the suffix of the model number (example GS6 30 ORUTG).  
*Side loop connections are standard on model GS6 50 RCU.  
Most models approved for installation from sea level to 7,700 ft. elevation (except GS6 50 RCU which is approved to 5,400 ft.).
**FLAMMABLE VAPOR RESISTANT/DIRECT VENT SEALED COMBUSTION SYSTEM**

**DURABLE, ULTRA-LOW NOx BURNER CONSTRUCTION**

**NON-CFC FOAM INSULATION**

- The tank is surrounded by a thick coat of non-CFC polyurethane foam to trap heat inside the tank, saving energy.

**3/4˝ TOP WATER CONNECTIONS AND SIDE SPACE HEATING CONNECTIONS**

**1/2˝ GAS CONNECTION**

**COREGARD™ ANODE ROD**

**BLUE DIAMOND® GLASS COATING**

**ENHANCED-FLOW BRASS DRAIN VALVE**

**GREEN CHOICE® GAS BURNER**

- Complies with SCAQMD Rule 1121 and other air quality management districts with similar requirements for NOx emissions of less than 10 ng/J.

**CODE COMPLIANCE**

- Meets UBC, CEC and HUD National Codes.

**CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE**

**6-YEAR LIMITED TANK AND PARTS WARRANTY**

- For complete information, consult written warranty or go to statewaterheaters.com.

---

### Model Number

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>BTU Input Per Hour</th>
<th>Recovery 90°F Rise Gallon Per Hour</th>
<th>Recovery 90°F Rise Gallon Per Hour</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS6 40 UBDS L</td>
<td>40</td>
<td>39</td>
<td>52</td>
<td>0.60</td>
<td>36,000</td>
<td>39</td>
<td>50-1/2</td>
<td>22</td>
<td>Co-Axial</td>
</tr>
<tr>
<td>GS6 50 UBDT L</td>
<td>50</td>
<td>48</td>
<td>76</td>
<td>0.65</td>
<td>38,000</td>
<td>41</td>
<td>58-1/2</td>
<td>22</td>
<td>Co-Axial</td>
</tr>
</tbody>
</table>

No option available for top T&P valve.
All models have 3/4˝ top water connections and come standard with side loop fittings.
All models are certified from sea level to 7,700 ft. elevations.
FULLY AUTOMATIC CONTROLS WITH SAFETY SHUTOFF

HEAVY GAUGE STEEL JACKET

BLUE DIAMOND® GLASS COATING

FOAM INSULATION

ULTRA-LOW NOX EMISSIONS

- Complies with SCAQMD Rule 1146.2 and other Air Quality Management Districts with similar requirements of 14 ng/J or 20 ppm.

EASY-TO-INSTALL

- Completely factory-assembled. Only gas, water and vent connections need to be made. All connections are located in front and top of heaters for ease-of-installation and service.

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.

MAXIMUM WORKING PRESSURE

- 150 psi.

MAXIMUM GAS INLET PRESSURE

- 14˝ W.C.

CODE COMPLIANCE

- Meets UBC, CEC and ICC National Codes.
- The Ultra-Low NOx atmospheric vent residential gas water heater meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and Current Edition ASHRAE/IES 90.1.

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or go to statewaterheaters.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>Recovery at 90°F Rise</th>
<th>BTU Input Per Hour</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>†GS6 75 URRS</strong></td>
<td>74</td>
<td>71</td>
<td>102</td>
<td>0.64</td>
<td>81</td>
<td>75,100</td>
<td>Height to Top of Draft Hood: 62-1/16</td>
<td>Depth: 29-1/2</td>
</tr>
<tr>
<td><em>GS6 100 URT</em></td>
<td>98</td>
<td>95</td>
<td>120</td>
<td>0.58</td>
<td>82</td>
<td>75,100</td>
<td>70-1/2</td>
<td>30-15/16</td>
</tr>
</tbody>
</table>

*Recovery rating based on 81% thermal efficiency.
**Recovery rating based on 80% thermal efficiency.
†The GS6-75-USS comes standard with side loop fittings for use with hydronic heating applications.
Water connections are 1” on 75 gallon and 1¼” on 100 gallon model.
## RESIDENTIAL ELECTRIC WATER HEATERS
PREMIUM FEATURES. COMMERCIAL-GRADE COMPONENTS.

### PREMIUM FEATURES:

<table>
<thead>
<tr>
<th>Feature</th>
<th>Proline®</th>
<th>Proline® Master</th>
<th>Proline® XE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue Diamond® Glass Coating</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>DynaClean™ Automatic Sediment-Cleaning System</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Heat Trap Nipples</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Enhanced Flow Brass Drain Valve</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>CoreGard™ Advanced Anode Rod Protection</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Energy Star® Qualified*</td>
<td>●</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electronic User Interface*</td>
<td>●</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industry Leading Efficiency*</td>
<td>●</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Operating Cost**
- $$$
- $$
- $

**Installation Space Required**
- 1 to 2
- 2
- 3

**Warranty (Years)**
- 6
- 8
- 6-10

*Select Heat Pump Water Heater models only.
Hot Water Output, Cost of Operation, & Installation Space Required estimated based on typical applications/installations.
For a more custom analysis of unique installations, visit [www.statewaterheaters.com](http://www.statewaterheaters.com) and use our product selector tool.
INCREASED ENERGY EFFICIENCY
- Reduce water heating costs up to 73% compared to a standard electric water heater.
- Up to a 3.45 UEF conserves energy and meets ENERGY STAR® qualifications.

DUAL VOLTAGE CAPABLE
- 208/240 VAC 60Hz capable for use in almost any residential application.

CHOICE OF OPERATING MODES
- Select from Efficiency, Hybrid, or Electric modes to match heating requirements to environmental conditions and hot water demand. Hybrid mode automatically adjusts between compressor and element, depending upon heat requirements.
- Vacation mode reduces operating costs and provides freeze protection during extended absence.

BACKUP ELECTRIC ELEMENTS
- Long-lasting 4500W backup heating elements help heat water according to environmental conditions, demand and the chosen operating mode.

DRY FIRE PROTECTION
- Control system ensures the tank is full of water during start up to prevent dry firing the heating elements.

ELECTRONIC USER INTERFACE
- User-friendly electronic interface allows easy control of temperature setting, operating mode, and communicates diagnostics.
- Advanced diagnostics convey error messages for service purposes. The last four error messages are saved in the control system memory.

OTHER FEATURES
- Ideal for basements or garage installations; the compressor transfers heat to the water while dehumidifying and cooling the ambient air.
- Washable air filter is easily removed for routine cleaning.
- Accessory Inlet/Outlet Duct Kit (Part number 100234320).

CODE COMPLIANCE
- Meets IBC and HUD National Codes.

10-YEAR LIMITED WARRANTY
- For complete information, consult written warranty or go to statewaterheaters.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>UEF</th>
<th>First Hour Rating (Gallons)</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPX 50 DHPTNE</td>
<td>50</td>
<td>46</td>
<td>3.45</td>
<td>66</td>
<td>Height to Top of Tank: 63</td>
<td>196</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Height to T&amp;P: 40-5/8</td>
<td></td>
</tr>
<tr>
<td>HPX 66 DHPTNE</td>
<td>66</td>
<td>67</td>
<td>3.45</td>
<td>79</td>
<td>Height to T&amp;P: 38</td>
<td>299</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Diameter: 27</td>
<td></td>
</tr>
<tr>
<td>HPX 80 DHPTNE</td>
<td>80</td>
<td>82</td>
<td>3.45</td>
<td>86</td>
<td>Height to T&amp;P: 46</td>
<td>307</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Diameter: 27</td>
<td></td>
</tr>
</tbody>
</table>

Requires 30 amp breaker.
Top T&P option not available.
INCREASED ENERGY EFFICIENCY
- Reduce water heating costs up to 73% compared to a standard electric water heater.
- Up to a 3.45 UEF Rating conserves energy and meets ENERGY STAR® qualifications.

DUAL VOLTAGE CAPABLE
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- Long-lasting 4500W backup heating elements help heat water according to environmental conditions, demand and the chosen operating mode.

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ELECTRONIC USER INTERFACE
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- Advanced diagnostics convey error messages for service purposes. The last four error messages are saved in the control system memory.

OTHER FEATURES
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- Washable air filter is easily removed for routine cleaning.
- Accessory Inlet/Outlet Duct Kit (Part number 100234320).

CODE COMPLIANCE
- Meets IBC and HUD National Codes.

6-YEAR LIMITED WARRANTY
- For complete information, consult written warranty or go to statewaterheaters.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>UEF</th>
<th>First Hour Rating (Gallons)</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP6 50 DHPT</td>
<td>50</td>
<td>46</td>
<td>3.42</td>
<td>66</td>
<td>Height to Top of Tank: 63, Height to T&amp;P: 40-5/8, Diameter: 22</td>
<td>196</td>
</tr>
<tr>
<td>HP6 66 DHPT</td>
<td>66</td>
<td>67</td>
<td>3.35</td>
<td>79</td>
<td>Height to Top of Tank: 61, Height to T&amp;P: 38, Diameter: 27</td>
<td>289</td>
</tr>
<tr>
<td>HP6 80 DHPT</td>
<td>80</td>
<td>82</td>
<td>3.45</td>
<td>84</td>
<td>Height to Top of Tank: 69, Height to T&amp;P: 46, Diameter: 27</td>
<td>307</td>
</tr>
</tbody>
</table>

Requires 30 amp breaker.
Top T&P option not available.
**ELECTRONIC USER INTERFACE**
- Touchscreen display.
- Multiple operating modes help save money.
- Energy saver and vacation modes available.
- Diagnostic feedback.
- Dry fire protection.

**ENHANCED HEATING ELEMENTS**
- Dual 5500 watt elements for the fastest recovery and reliable operation.
- Incoloy stainless steel elements last longer than standard copper elements.

**ENHANCED-FLOW BRASS DRAIN VALVE**

**CODE COMPLIANCE**
- Meets UBC, CEC and HUD National Codes.

**APPROVED FOR MANUFACTURED HOUSING**
- All residential electric water heaters are compliant with HUD standards for mobile homes/manufactured housing.

**DESIGN-LISTED BY UNDERWRITERS LABORATORIES**
- Certified at 300 psi test pressure and 150 psi working pressure.
- Listed according to UL174 standards governing storage tank-type water heaters.

**10-YEAR LIMITED TANK AND PARTS WARRANTY**
- For complete information, consult written warranty or go to statewaterheaters.com.

---

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume (Gallons)</th>
<th>UEF</th>
<th>Recovery @ 80°F Rise Gallon Per Hour (Gallons)</th>
<th>Element Wattage 240V Standard</th>
<th>Maximum</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tall Models</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENX 40 DXRT</td>
<td>40</td>
<td>36</td>
<td>65</td>
<td>0.92</td>
<td>25</td>
<td>5500</td>
<td>5500</td>
<td>61-1/4</td>
</tr>
<tr>
<td>ENX 50 DXRT</td>
<td>50</td>
<td>45</td>
<td>81</td>
<td>0.95</td>
<td>25</td>
<td>5500</td>
<td>5500</td>
<td>60-1/2</td>
</tr>
<tr>
<td>ENX 50 DXRTW</td>
<td>50</td>
<td>45</td>
<td>62</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>4500</td>
<td>60-1/2</td>
</tr>
<tr>
<td>ENX 55 DXRT</td>
<td>55</td>
<td>55</td>
<td>89</td>
<td>0.95</td>
<td>25</td>
<td>5500</td>
<td>5500</td>
<td>56-1/2</td>
</tr>
<tr>
<td><strong>Short Models</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENX 40 DXRS</td>
<td>40</td>
<td>37</td>
<td>60</td>
<td>0.93</td>
<td>25</td>
<td>5500</td>
<td>5500</td>
<td>49 3/4</td>
</tr>
<tr>
<td>ENX 50 DXRS</td>
<td>50</td>
<td>46</td>
<td>75</td>
<td>0.95</td>
<td>25</td>
<td>5500</td>
<td>5500</td>
<td>49-1/4</td>
</tr>
<tr>
<td>ENX 50 DXRSW</td>
<td>50</td>
<td>46</td>
<td>58</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>4500</td>
<td>49-1/4</td>
</tr>
</tbody>
</table>

3/4” water connections on 8” center. Top-mounted T&P valve not available.
Only available for 240V or 208V applications.
Equipped as dual element only, no single element configurations available.
Minimum wattage available is 4,500 watt elements.
When ordering models ENX-50-DXRT or ENX-50-DXRS with 4,500 watt elements the model number will include a “W” suffix (example: ENX-50-DXRSW)
Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.
COMMERCIAL-GRADE HEATING ELEMENTS
• Dual 4500 watt elements for faster recovery and reliable operation.
• Incoloy stainless steel upper and lower elements lasts longer than standard copper elements.

BLUE DIAMOND® GLASS COATING
• Blue Diamond® Glass Coating blend is formulated in the same lab that creates the protection for our industry-leading commercial product line.

HIGH UNIFORM ENERGY FACTORS (UEF)

SELF CLEANING DIP TUBE

COREGARD™ ANODE ROD
• ProLine® Master products have increased anode protection with either longer, or multiple anodes depending on model.

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.
• Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended.

APPROVED FOR MANUFACTURED HOUSING
• All residential electric water heaters are compliant with HUD standards for mobile homes/ manufactured housing.

DESIGN-LISTED BY UNDERWRITERS LABORATORIES
• Certified at 300 psi test pressure and 150 psi working pressure.
• Listed according to UL174 standards governing storage tank-type water heaters.

8-YEAR LIMITED TANK AND PARTS WARRANTY
• For complete information, consult written warranty or go to statewaterheaters.com.

### Specifications

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>Element Wattage 240V</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard</td>
<td>Minimum</td>
<td>Maximum</td>
<td>Height to Top of Tank</td>
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<td>Tall Models</td>
<td></td>
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<td></td>
<td></td>
<td>4500</td>
<td>3500</td>
<td>6000</td>
<td>61-1/4</td>
</tr>
<tr>
<td>EN8 40 DORT</td>
<td>40</td>
<td>36</td>
<td>53</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>3500</td>
<td>6000</td>
</tr>
<tr>
<td>EN8 50 DORT</td>
<td>50</td>
<td>46</td>
<td>62</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>3500</td>
<td>6000</td>
</tr>
<tr>
<td>EN8 50 DORTW</td>
<td>50</td>
<td>46</td>
<td>45</td>
<td>0.88</td>
<td>11</td>
<td>-</td>
<td>1000</td>
<td>2500</td>
</tr>
<tr>
<td>EN8 55 DORT</td>
<td>55</td>
<td>55</td>
<td>72</td>
<td>0.93</td>
<td>21</td>
<td>4500</td>
<td>2500</td>
<td>6000</td>
</tr>
<tr>
<td>Short Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4500</td>
<td>3500</td>
<td>6000</td>
<td>49-3/4</td>
</tr>
<tr>
<td>EN8 40 DORS</td>
<td>40</td>
<td>37</td>
<td>55</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>4500</td>
<td>6000</td>
</tr>
<tr>
<td>EN8 40 DORSW</td>
<td>40</td>
<td>37</td>
<td>41</td>
<td>0.88</td>
<td>18</td>
<td>-</td>
<td>1000</td>
<td>4000</td>
</tr>
<tr>
<td>EN8 50 DORS</td>
<td>50</td>
<td>46</td>
<td>57</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>2500</td>
<td>6000</td>
</tr>
</tbody>
</table>

Male 3/4” water connections on 8” center.
Models requiring a lower wattage than what is listed in the minimum wattage column and showing the @ symbol, will change to a “W” suffix model number.
“W” suffix models are available down to 1kW. (example: EN8-40-DORS using 4,000 watt elements or less will become “EN8-40-DORSW”).
Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.
ENHANCED HEATING ELEMENTS
- Dual 4500 watt elements for faster recovery and reliable operation.
- Incoloy stainless steel lower element lasts longer than a standard copper element.

HIGH UNIFORM ENERGY FACTORS (UEF)

SELF CLEANING DIP TUBE

COREGARD™ ANODE ROD
- Increased anode protection with either longer or multiple anodes depending on model.

CODE COMPLIANCE
- Meets UBC, CEC and HUD National Codes.

APPROVED FOR MANUFACTURED HOUSING
- All residential electric water heaters are compliant with HUD standards for mobile homes/manufactured housing.

DESIGN-LISTED BY UNDERWRITERS LABORATORIES
- Certified at 300 psi test pressure and 150 psi working pressure.
- Listed according to UL174 standards governing storage tank-type water heaters.

6-YEAR LIMITED TANK AND PARTS WARRANTY
- For complete information, consult written warranty or go to statewaterheaters.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume (Gallons)</th>
<th>First Hour Rating</th>
<th>UEF</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>Element Wattage 240V</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
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Male 3/4” water connections on 8” center. *Models ship with supplied insulation blanket.
1For 10-year tank and 10-year parts limited warranty, change “NG” to “SX” in select models and “R” to “N” in tall and short model number (example: ESX 40 DONT).
ENG 20 SOLS is a single element configuration only. Models requiring a lower wattage than what is listed in the minimum wattage column and showing the @ symbol, will change to a “W” suffix model number. “W” suffix models are available down to 1kW. (example: EN6-40-DORS using 4,000 watt elements or less will become “EN6-40-DORSW”).
Top T&P is not available on the 10 year lowboy models. Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.
APPROVED FOR MANUFACTURED HOUSING

- All residential electric water heaters are compliant with HUD Standards for mobile homes/manufactured housing.

SIDE WATER CONNECTIONS

- For ease of installation in mobile home applications.

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.

LONG-LASTING HEATING ELEMENTS

- Screw-in, direct immersion, 3500W/240V or 3000W/120V heating elements for maximum efficiency.

BLUE DIAMOND® GLASS COATING

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.

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

CODE COMPLIANCE

- Meets UBC, CEC and HUD National Codes.

DESIGN-LISTED BY UNDERWRITERS LABORATORIES

- Certified at 300 psi test pressure and 150 psi working pressure.
- Listed according to UL174 standards governing storage tank-type water heaters.

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or go to statewaterheaters.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>Voltage Upper Element</th>
<th>Lower Element</th>
<th>Height to Top of Heater</th>
<th>Diameter</th>
<th>Approx. Shipping Weight (lbs)</th>
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<tr>
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</table>

*Models ship with supplied insulation blanket.
MHE6 models may have limited element options due to element size or other restrictions.
*N* water connections
Available with side T&P only.
**LOWBOY**
- Side water connections for applications where hand-room is limited.

**TABLE TOP**
- Features a convenient flat porcelain surface at 36” height, providing extra “counter space” wherever installed. All plumbing and electrical connections are made through the back of the water heater. This heater is equipped with a PEX cross-linked polymer dip tube.

**POINT-OF-USE**
- Designed for low-demand, such as office lavatories or buildings with remote restrooms.

**COMPACT**
- Side-mounted plumbing and electrical connections (optional top-mounted water connections for field conversion). Designed for installation under a counter, in a crawl space or in other tight spaces.

**APPROVED FOR MANUFACTURED HOUSING**
- All residential electric water heaters are compliant with HUD standards for mobile homes/manufactured housing.

**ENHANCED-FLOW BRASS DRAIN VALVE**

**CODE COMPLIANCE**
- Meets UBC, CEC and HUD National Codes.

**DESIGN-LISTED BY UNDERWRITERS LABORATORIES**
- Certified at 300 psi test pressure and 150 psi working pressure.
- Listed according to UL174 standards governing storage tank-type water heaters.

**6-YEAR LIMITED TANK AND PARTS WARRANTY**
- For complete information, consult written warranty or go to statewaterheaters.com.

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<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>Element Wattage</th>
<th>Recovery @ 90°F Rise Gallons Per Hour</th>
<th>Dimensions in Inches</th>
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*Models ship with a supplied insulation blanket.

When ordering models ENS-40-DOMS or ENS-40-DOMSB the model number will change for wattages of 4kW to 1kW. The new model number will include a “W” suffix (example: ENS-40-DOMSBW)

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

### Model Family

<table>
<thead>
<tr>
<th>Model Family</th>
<th>Proline XE Non-Condensing</th>
<th>Proline XE Non-Condensing ULN</th>
<th>Proline XE Non-Condensing Concentric Vent</th>
<th>Proline XE Condensing</th>
<th>Proline XE Condensing with Recirc Pump</th>
<th>Proline XE Combi Boiler</th>
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</table>
INDOOR INSTALLATION ONLY

ULTRA-LOW NOX EMISSIONS
- Complies with SCAQMD Rule 1146.2 NOx Emission Requirements Of 14 ng/J or 20 PPM.

MODULATING BURNER WITH 10:1 TURNDOWN RATIO
- Continuously adjusts the firing rate to match demand for maximum comfort and system efficiency.

ELECTRONIC USER INTERFACE
- User-friendly electronic interface allows easy control of temperature, system setting and operating mode.
- Advanced diagnostics convey error messages for service purposes.

POWER DIRECT VENT DESIGN
- Two-pipe sealed combustion system uses outside air, eliminating problems caused by insufficient indoor ventilation.

DOMESTIC HOT WATER FLOW RATE UP TO 4.8 GPM AT 77°F TEMPERATURE RISE
- 50 PSI MAX PRESSURE (BOILER); 150 PSI MAX PRESSURE (DHW)

WARRANTY
- 10-year limited warranty on heat exchanger in residential applications.
- 5-year warranty on all parts.
- Refer to www.statewaterheaters.com for further warranty details

_Model Number* | Gas Consumption Input | Minimum BTU/H | Maximum BTU/H | AFUE% | Heating Capacity BTU/H | Net AHRI Rating BTU/H | GPM at 77°F Rise | Water Connections |
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</table>

*S Models can operate up to 4,500’. For high altitude (3,000’ - 9,600’), change S to H. For liquid propane (LP), change N to P.
†For LP, minimum supply pressure is 8.0 in. W.C.
Indoor installation only.
ENERGY STAR® QUALIFIED
INTEGRATED RECIRCULATION PUMP
- 1/2˝ pipe - 200’
- 3/4˝ pipe - 500’

PUMP CONTROLS
- Included with heater
- Two timer settings
- Adjustable differential settings.

ULTRA-LOW NOX EMISSIONS
- Complies with SCAQMD Rule 1146.2 and other air quality management districts with similar requirements for Ultra-Low NOx emissions requirements of 14 ng/J or 20 PPM.

INDOOR MODELS
- Include integrated temperature and pump controls with advanced diagnostics that simplify installation and troubleshooting.
- Factory-installed power cord.

OUTDOOR MODELS
- Includes a wall mount temperature remote controller and advanced diagnostics to simplify troubleshooting.

COMMON VENT INDOOR MODELS
EASY-LINK 540P WITH THREE OTHER 540H TO INCREASE FLOW RATE

SAFETY FEATURES:
- Exhaust & Water Temperature Safety Control.
- Overheat Cut-Off Fuse.

INTERNAL FREEZE PROTECTION SYSTEM

WARRANTY
- 15-year limited warranty on heat exchanger in residential applications
- 5-year limited warranty on heat exchanger in commercial applications
- 5-year limited warranty on all parts
- For complete information, consult written warranty or go to statewaterheaters.com.

### Connections
- Water
- Gas
- Cold Climate
- Warm Climate

### Sizing Chart (Number of Showers)
- 3/4˝ NPT
- 3/4˝ NPT
- 4.5
- 17-3/4
- 11-1/4
- 71

### Dimensions in Inches
- Height
- Width
- Depth

### Approx Shipping Weight (lbs)
- 71

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Model Number* | Gas Consumption Input | Inlet Gas Pressure*** | Indoor Model UEF | Outdoor Model UEF | Connections | Sizing Chart (Number of Showers) | Dimensions in Inches | Approx Shipping Weight (lbs)
---|---|---|---|---|---|---|---|---
GTS-540P-NIH | 15,000 | 199,000 | 4.0 | 10.5 | 0.93 | 0.95 | 3/4˝ NPT | 3/4˝ NPT | 3 | 4.5 | 23-5/8 | 17-3/4 | 11-1/4 | 71

* For outdoor models, change “NIH” to “NEH”. For propane models, change “N” to “P”.
** For propane models, minimum is 13,000.
*** For propane models, minimum inlet gas pressure is 8.0 in. W.C. and maximum inlet gas pressure is 14.0 in. W.C.
† Cold climate represents 70°F temperature rise.
‡ Warm climate represents 50°F temperature rise.
ENERGY STAR® QUALIFIED
CONDENSING TECHNOLOGY PROVIDES UP TO 0.91 UEF
ULTRA-LOW NOx EMISSIONS
- Complies with SCAQMD Rule 1146.2 and other air quality management districts with similar requirements for Ultra-Low NOx emissions requirements of 14 ng/J or 20 PPM.

MAXIMUM FLOW RATES UP TO 6.6 GPM

DUAL HEAT EXCHANGERS
- Primary heat exchanger of the GTS-140 is constructed of copper for excellent heat transfer and reduced pressure drop across the heat exchanger.
- Secondary heat exchanger is made of marine-grade 316L stainless steel to protect against corrosion.

INDOOR MODELS
- Include integrated temperature controls and advanced diagnostics to simplify troubleshooting.
- Include factory-installed power cords.

OUTDOOR MODELS
- Include wall mount temperature remote controller and advanced diagnostics to simplify troubleshooting.

SAFETY FEATURES
- Exhaust and water temperature safety control.
- Overheat cut-off fuse.

INTERNAL FREEZE PROTECTION SYSTEM

POWER VENT OR POWER DIRECT VENT DESIGN

WARRANTY
- 15-year limited warranty on heat exchanger in residential applications.
- 5-year limited warranty on heat exchanger in commercial applications.
- 5-year limited warranty on all parts.
- For complete information, consult written warranty or go to statewaterheaters.com.

<table>
<thead>
<tr>
<th>Model Number*</th>
<th>Gas Consumption Input Minimum** (BTU/H)</th>
<th>Gas Consumption Input Maximum (BTU/H)</th>
<th>Inlet Gas Pressure*** Minimum (in. W.C.)</th>
<th>Inlet Gas Pressure*** Maximum (in. W.C.)</th>
<th>Indoor Model UEF</th>
<th>Outdoor Model UEF</th>
<th>Connections Water</th>
<th>Connections Gas</th>
<th>Sizing Chart (Number of Showers) Cold Climate†</th>
<th>Sizing Chart (Number of Showers) Warm Climate‡</th>
<th>Dimensions in Inches Height</th>
<th>Dimensions in Inches Width</th>
<th>Dimensions in Inches Depth</th>
<th>Approx Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTS-140-NIH</td>
<td>15,000</td>
<td>120,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.90</td>
<td>0.91</td>
<td>3/4&quot; NPT</td>
<td>1/2&quot; NPT</td>
<td>1.5</td>
<td>2.5</td>
<td>22-7/8</td>
<td>13-7/8</td>
<td>10 13/16</td>
<td>54</td>
</tr>
</tbody>
</table>

*For outdoor models, change “NH” to “NEH”. For propane models, change “N” to “P”.
**For propane models, minimum is 13,000.
***For propane models, minimum inlet gas pressure is 8.0 in. W.C. and maximum inlet gas pressure is 14.0 in. W.C.
† Cold climate represents 70°F temperature rise.
‡ Warm climate represents 50°F temperature rise.
ENERGY STAR® QUALIFIED
CONDENSING TECHNOLOGY PROVIDES UP TO 0.95 UEF
ULTRA-LOW NOx EMISSIONS
• Complies with SCAQMD Rule 1146.2 NOx emission requirements of 14 ng/J or 20 PPM.

MAXIMUM FLOW RATES UP TO 10.0 GPM

HEAT EXCHANGER
• Primary heat exchanger of the GTS-540 is constructed of a commercial-grade copper that is more resilient to erosion.
• Copper is 25x better at heat transfer than stainless steel thus stabilizing outgoing water temperatures quicker and reducing pressure drop across the heat exchanger.
• Secondary heat exchanger is made of marine-grade 316L stainless steel to protect against corrosion.

INDOOR MODELS
• Include integrated temperature controls and advanced diagnostics to simplify troubleshooting.
• Include factory-installed power cords.

OUTDOOR MODELS
• Include wall mount temperature remote controller and advanced diagnostics to simplify troubleshooting.

COMMON VENT INDOOR MODELS UP TO 8 UNITS
540H CAN BE USED IN BOTH RESIDENTIAL AND COMMERCIAL APPLICATIONS
• Easy-link up to 4 heaters.
• Multi-link up to 20 heaters.

SAFETY FEATURES
• Air-fuel Ratio (AFR) Sensor.
• Exhaust and water temperature safety control.
• Overheat cut-off fuse.

INTERNAL FREEZE PROTECTION SYSTEM

POWER VENT OR POWER DIRECT VENT DESIGN

WARRANTY
• 15-year limited warranty on heat exchanger in residential applications.
• 5-year limited warranty on heat exchanger in commercial applications.
• 5-year limited warranty on all parts.
• For complete information, consult written warranty or go to statewaterheaters.com.

<table>
<thead>
<tr>
<th>Model Number*</th>
<th>Gas Consumption Input</th>
<th>Inlet Gas Pressure***</th>
<th>Outdoor Model UEF</th>
<th>Connections</th>
<th>Sizing Chart (Number of Showers)</th>
<th>Dimensions in Inches</th>
<th>Approx Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTS-240H-NIH</td>
<td>15,000 160,000</td>
<td>4.0 10.5</td>
<td>0.94 0.95</td>
<td>Water</td>
<td>Cold Climate† / Warm Climate‡</td>
<td>23-5/8 17-3/4 11 1/4</td>
<td>71</td>
</tr>
<tr>
<td>GTS-340H-NIH</td>
<td>15,000 180,000</td>
<td>4.0 10.5</td>
<td>0.94 0.94</td>
<td>Water</td>
<td>Cold Climate† / Warm Climate‡</td>
<td>23-5/8 17-3/4 11 1/4</td>
<td>71</td>
</tr>
<tr>
<td>GTS-540H-NIH</td>
<td>15,000 199,000</td>
<td>4.0 10.5</td>
<td>0.93 0.94</td>
<td>Water</td>
<td>Cold Climate† / Warm Climate‡</td>
<td>23-5/8 17-3/4 11 1/4</td>
<td>71</td>
</tr>
</tbody>
</table>

*For outdoor models, change “NIH” to “NEH”. For propane models, change “N” to “P”.
**For propane models, minimum is 13,000.
***For propane models, minimum inlet gas pressure is 8.0 in. W.C. and maximum inlet gas pressure is 14.0 in. W.C.
† Cold climate represents 70°F temperature rise.
‡ Warm climate represents 50°F temperature rise.
CONCENTRIC VENT DESIGN
- Power direct vent.
- Vertical or horizontal venting up to 43°.

FIELD CONVERTIBLE FROM NATURAL GAS TO PROPANE

ULTRA-LOW NOx EMISSIONS
- Complies with SCAQMD Rule 1146.2 and other air quality management districts with similar requirements for Ultra-Low NOx emissions requirements of 14 ng/J or 20 PPM.

MAXIMUM FLOW RATES UP TO 10.0 GPM

PRIMARY HEAT EXCHANGER
- Primary heat exchanger of the GTS-510C is constructed of a commercial-grade copper that is more resilient to erosion.
- Copper is 25x better at heat transfer than stainless steel thus stabilizing outgoing water temperatures quicker and reducing pressure drop across the heat exchanger.

INDOOR MODELS ONLY
- Include integrated temperature controls and advanced diagnostics to simplify troubleshooting.
- Include factory-installed power cords.

GTS-510C CAN BE USED IN BOTH RESIDENTIAL AND COMMERCIAL APPLICATIONS
- Easy-Link up to 4 units.
- Multi-Link up to 20 units.

SAFETY FEATURES
- Air-Fuel Ratio (AFT) sensor.
- Water temperature safety control.
- Overheat cut-off fuse.

INTERNAL FREEZE PROTECTION

WARRANTY
- 15-year limited warranty on heat exchanger in residential applications.
- 5-year limited warranty on heat exchanger in commercial applications.
- 5-year limited warranty on all parts.
- For complete information, consult written warranty or go to statewaterheaters.com.

<table>
<thead>
<tr>
<th>Model Number*</th>
<th>Gas Consumption Input</th>
<th>Inlet Gas Pressure**</th>
<th>UEF</th>
<th>Connections</th>
<th>Sizing Chart (Number of Showers)</th>
<th>Dimensions in Inches</th>
<th>Approx Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Minimum (BTU/H)</td>
<td>Maximum (BTU/H)</td>
<td>Minimum (in. W.C.)</td>
<td>Maximum (in. W.C.)</td>
<td>Water</td>
<td>Gas</td>
<td>Cold Climate†</td>
</tr>
<tr>
<td>GTS-110C-N</td>
<td>15,000</td>
<td>140,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.81</td>
<td>3/4” NPT</td>
<td>3/4” NPT</td>
</tr>
<tr>
<td>GTS-310C-N</td>
<td>15,000</td>
<td>190,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.82</td>
<td>3/4” NPT</td>
<td>3/4” NPT</td>
</tr>
<tr>
<td>GTS-510C-N</td>
<td>15,000</td>
<td>199,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.81</td>
<td>3/4” NPT</td>
<td>3/4” NPT</td>
</tr>
</tbody>
</table>

*Indoor models only. Units are field convertible from natural gas to propane with supplied conversion kit.
**For propane models, minimum inlet gas pressure is 8.0 in. W.C. and maximum inlet gas pressure is 14.0 in. W.C.
† Cold climate represents 70°F temperature rise.
‡ Warm climate represents 50°F temperature rise.
MAXIMUM FLOW RATES UP TO 10.0 GPM
COPPER PRIMARY HEAT EXCHANGER
- Primary heat exchanger of the GTS-510 is constructed of a commercial-grade copper that is more resilient to erosion.
- Copper is 25x better at heat transfer than stainless steel thus stabilizing outgoing water temperatures quicker and reducing pressure drop across the heat exchanger.

INDOOR MODELS
- Include a remote control with advanced diagnostics to simplify installation and troubleshooting.
- Include factory-installed power cords.

OUTDOOR MODELS
- Include a wall mount temperature remote controller with advanced diagnostics to simplify installation and troubleshooting.

LOW NOx EMISSION
GTS-510 MODELS CAN BE USED IN BOTH RESIDENTIAL AND COMMERCIAL APPLICATIONS
EASY-LINK UP TO 4 UNITS (510 MODELS)
POWER VENT AND POWER DIRECT VENT DESIGN
SAFETY FEATURES
- Water temperature safety control.
- Overheat cut-off fuse.

INTERNAL FREEZE PROTECTION
POWER VENT OR POWER DIRECT VENT DESIGN
WARRANTY
- 15-year limited warranty on heat exchanger in residential applications.
- 5-year limited warranty on heat exchanger in commercial applications.
- 5-year limited warranty on all parts.
- For complete information, consult written warranty or go to statewaterheaters.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Gas Consumption Input</th>
<th>Inlet Gas Pressure**</th>
<th>UEF (Indoor and Outdoor)</th>
<th>Connections</th>
<th>Sizing Chart (Number of Showers)</th>
<th>Dimensions in Inches</th>
<th>Approx Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTS-110-NI*</td>
<td>19,500</td>
<td>140,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.79</td>
<td>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
</tr>
<tr>
<td>GTS-310-NI</td>
<td>11,000</td>
<td>190,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.80</td>
<td>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
</tr>
<tr>
<td>GTS-510-NI</td>
<td>11,000</td>
<td>199,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.80</td>
<td>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
</tr>
</tbody>
</table>

*For outdoor models, change “NI” to “NE.” For propane models, change “N” to “P” (example: GTS-110-PH). 110 models are only available for indoor installation.
**For propane models, minimum inlet gas pressure is 8.0 in. W.C. and maximum inlet gas pressure is 14.0 in. W.C.
† Cold climate represents 70°F temperature rise.
‡ Warm climate represents 50°F temperature rise.
### ULTRA-LOW NOx EMISSIONS
- Complies with SCAQMD Rule 1146.2 and other air quality management districts with similar requirements for Ultra-Low NOx emissions requirements of 14 ng/J or 20 PPM.

### FIELD CONVERTIBLE FROM NATURAL GAS TO PROPANE
### MAXIMUM FLOW RATES UP TO 10.0 GPM
### COPPER PRIMARY HEAT EXCHANGER
- Primary heat exchanger of the GTS-510U is constructed of a commercial-grade copper that is more resilient to erosion.
- Copper is 25x better at heat transfer than stainless steel thus stabilizing outgoing water temperatures quicker and reducing pressure drop across the heat exchanger.

### INDOOR MODELS
- Include integrated temperature controls and advanced diagnostics to simplify troubleshooting.
- Include factory-installed power cords.

### OUTDOOR MODELS
- Include a wall mount temperature remote controller and advanced diagnostics to simplify troubleshooting.

### GTS-510U CAN BE USED IN BOTH RESIDENTIAL AND COMMERCIAL APPLICATIONS
- Easy-Link up to 4 units.
- Multi-Link up to 20 units.

### SAFETY FEATURES
- Exhaust and water temperature safety control.
- Overheat cut-off fuse.

### INTERNAL FREEZE PROTECTION
### POWER VENT OR POWER DIRECT VENT DESIGN
### WARRANTY
- 15-year limited warranty on heat exchanger in residential applications.
- 5-year limited warranty on heat exchanger in commercial applications.
- 5-year limited warranty on all parts.
- For complete information, consult written warranty or go to statewaterheaters.com.

### Connections Table

<table>
<thead>
<tr>
<th>Model Number*</th>
<th>Gas Consumption Input</th>
<th>Inlet Gas Pressure**</th>
<th>Indoor Model UEF</th>
<th>Outdoor Model UEF</th>
<th>Connections</th>
<th>Sizing Chart (Number of Showers)</th>
<th>Dimensions in Inches</th>
<th>Approx Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTS-110U-I</td>
<td>15,000</td>
<td>140,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.81</td>
<td>0.81</td>
<td>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
</tr>
<tr>
<td>GTS-310U-I</td>
<td>15,000</td>
<td>190,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.82</td>
<td>0.82</td>
<td>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
</tr>
<tr>
<td>GTS-510U-I</td>
<td>15,000</td>
<td>199,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.82</td>
<td>0.81</td>
<td>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
</tr>
</tbody>
</table>

*For outdoor models, change “I” to “E”. Units are field convertible from natural gas to propane with supplied conversion kit.

**For propane, minimum inlet gas pressure is 8.0 in. W.C. and maximum inlet gas pressure is 14.0 in. W.C.

† Cold climate represents 70°F temperature rise.

‡ Warm climate represents 50°F temperature rise.
SPMD Series – Pre-Pressurized Diaphragm Tanks

2 THROUGH 119-GALLON CAPACITIES IN FREE-STANDING, IN-LINE OR HORIZONTAL DESIGNS

DURABLE BUTYL RUBBER PARABOLIC DIAPHRAGM

POWDER COATED LINING BONDED TO TANK SHELL, PROTECTS AGAINST RUST

ROTATING CORROSION-RESISTANT BASE ON FREE-STANDING MODELS ASSURES STABILITY

TANKS ARE CERTIFIED TO NSF/ANSI STANDARD 61-G AND 372 LISTED AND ARE IN COMPLIANCE WITH CALIFORNIA AND VERMONT’S NO-LEAD LEGISLATION

5-YEAR LIMITED WARRANTY

- For complete information, consult written warranty or go to statewaterheaters.com.

<table>
<thead>
<tr>
<th>SPMD Series Free Standing Plastic Base</th>
<th>Volume (Gallons)</th>
<th>Dimensions in Inches</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Number</td>
<td></td>
<td>&quot;A&quot; Overall Height</td>
<td>&quot;B&quot; To Center of Water Inlet</td>
</tr>
<tr>
<td>SPMD-14</td>
<td>14</td>
<td>24-3/4</td>
<td>2-1/4</td>
</tr>
<tr>
<td>SPMD-20</td>
<td>20</td>
<td>32-3/4</td>
<td>2-1/4</td>
</tr>
<tr>
<td>SPMD-31</td>
<td>31</td>
<td>45-1/2</td>
<td>2-1/4</td>
</tr>
<tr>
<td>SPMD-36S</td>
<td>36</td>
<td>32-3/8</td>
<td>2-1/4</td>
</tr>
<tr>
<td>SPMD-52</td>
<td>52</td>
<td>38-5/8</td>
<td>2-1/4</td>
</tr>
<tr>
<td>SPMD-86</td>
<td>86</td>
<td>59</td>
<td>2-1/4</td>
</tr>
<tr>
<td>SPMD-96</td>
<td>96</td>
<td>63-3/8</td>
<td>2-1/4</td>
</tr>
<tr>
<td>SPMD-119</td>
<td>119.5</td>
<td>61-1/4</td>
<td>2-1/2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SPMDI Series In-Line</th>
<th>Volume (Gallons)</th>
<th>Dimensions in Inches</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Number</td>
<td></td>
<td>&quot;A&quot; Overall Height</td>
<td>&quot;B&quot; To Center of Water Inlet</td>
</tr>
<tr>
<td>SPMDI-2</td>
<td>2</td>
<td>10-3/16</td>
<td>–</td>
</tr>
<tr>
<td>SPMDI-5</td>
<td>4.6</td>
<td>14-3/4</td>
<td>–</td>
</tr>
<tr>
<td>SPMDI-7</td>
<td>7.3</td>
<td>21-1/16</td>
<td>–</td>
</tr>
<tr>
<td>SPMDI-14</td>
<td>14</td>
<td>23-1/2</td>
<td>–</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SPMDH Series Horizontal</th>
<th>Volume (Gallons)</th>
<th>Dimensions in Inches</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Number</td>
<td></td>
<td>&quot;A&quot; Overall Height</td>
<td>&quot;B&quot; To Center of Water Inlet</td>
</tr>
<tr>
<td>SPMDH-7</td>
<td>7.3</td>
<td>12-7/8</td>
<td>21-1/8</td>
</tr>
<tr>
<td>SPMDH-20</td>
<td>20</td>
<td>17-3/8</td>
<td>27-1/8</td>
</tr>
</tbody>
</table>

1" Female connection on 14, 20, and 36S gallons.
1-1/4" Female connections on 52, 86, 96, and 119 gallons.
SPMDI connection ¾" Male. *SPMDI-14 1" male
SPMDH-7 connection ¾" Male. *SPMDH-14, SPMDH-20 connection 1" Male

**NOTE:** All models are certified to NSF/ANSI Standard 61-G and 372 listed and are in compliance with California and Vermont’s no-lead legislation.
SSB Series – Pre-Pressurized Diaphragm Tanks

2 THROUGH 119-GALLON CAPACITIES IN FREE-STANDING, IN-LINE OR HORIZONTAL DESIGNS

DURABLE BUTYL RUBBER PARABOLIC DIAPHRAGM

POWDER COATED LINING BONDED TO TANK SHELL, PROTECTS AGAINST RUST

TANKS ARE CERTIFIED TO NSF/ANSI STANDARD 61-G AND 372 LISTED AND ARE IN COMPLIANCE WITH CALIFORNIA AND VERMONT’S NO-LEAD LEGISLATION

RUST-GUARD™ NO-WELD STEEL BASE

5-YEAR LIMITED WARRANTY

- For complete information, consult written warranty or go to statewaterheaters.com.

<table>
<thead>
<tr>
<th>SSB Series Free Standing Metal Base</th>
<th>Model Number</th>
<th>Volume (Gallons)</th>
<th>Dimensions in Inches</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td><em>A</em> Overall Height</td>
<td><em>B</em> To Center of Water Inlet</td>
</tr>
<tr>
<td>SSB20</td>
<td>20</td>
<td>32-3/4</td>
<td>2-1/4</td>
<td>15-3/8</td>
</tr>
<tr>
<td>SSB32</td>
<td>32</td>
<td>45-1/2</td>
<td>2-1/4</td>
<td>15-3/8</td>
</tr>
<tr>
<td>SSB36</td>
<td>36</td>
<td>32-3/8</td>
<td>2-1/4</td>
<td>20</td>
</tr>
<tr>
<td>SSB52</td>
<td>52</td>
<td>38-5/8</td>
<td>2-1/4</td>
<td>23-3/8</td>
</tr>
<tr>
<td>SSB65</td>
<td>65</td>
<td>46-5/8</td>
<td>2-1/4</td>
<td>23-3/8</td>
</tr>
<tr>
<td>SSB86</td>
<td>86</td>
<td>59</td>
<td>2-1/4</td>
<td>23-3/8</td>
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<tr>
<td>SSB119</td>
<td>119.5</td>
<td>61-1/4</td>
<td>2-1/2</td>
<td>26</td>
</tr>
</tbody>
</table>

1” Female connection on 14, 20, and 36S gallons.
1-1/4” Female connections on 52, 86, 96, and 119 gallons.
SPMDI connection ¾” Male. “SPMDI-14” 1” male
SPMDH-7 connection ¾” Male. “SPMDH-14, SPMDH-20 connection 1” Male
Galvanized Tanks Z Series

1-YEAR LIMITED WARRANTY

- Vertical Tanks
- Maximum working pressure 75 psig
- NSF Certified 61G & 372
- For complete information, consult written warranty or go to statewaterheaters.com.

### VERTICAL TANKS Z SERIES 12 TO 120 GALLONS – FREE STANDING

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Volume (Gallons)</th>
<th>Dimensions in Inches</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z-12</td>
<td>12</td>
<td>26-1/2 12</td>
<td>27</td>
</tr>
<tr>
<td>Z-21</td>
<td>21</td>
<td>26-7/8 16</td>
<td>45</td>
</tr>
<tr>
<td>Z-32</td>
<td>32</td>
<td>38-3/4 16</td>
<td>52</td>
</tr>
<tr>
<td>ZT-42</td>
<td>42</td>
<td>51 16</td>
<td>71</td>
</tr>
<tr>
<td>ZS-42</td>
<td>42</td>
<td>33-5/8 20</td>
<td>71</td>
</tr>
<tr>
<td>Z-82</td>
<td>82</td>
<td>63 20</td>
<td>114</td>
</tr>
<tr>
<td>Z-100</td>
<td>120</td>
<td>64-1/2 24</td>
<td>154</td>
</tr>
</tbody>
</table>

### VERTICAL TANKS Z SERIES 220-480 GALLONS

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Volume (Gallons)</th>
<th>Dimensions in Inches</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z-220</td>
<td>220</td>
<td>78 30</td>
<td>303</td>
</tr>
<tr>
<td>Z-315</td>
<td>315</td>
<td>79-1/2 36</td>
<td>416</td>
</tr>
<tr>
<td>Z-480</td>
<td>480</td>
<td>87 42</td>
<td>640</td>
</tr>
</tbody>
</table>

### UNIVERSAL TANKS Z SERIES 525-900 GALLONS

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Volume (Gallons)</th>
<th>Dimensions in Inches</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZU-525</td>
<td>525</td>
<td>131 36</td>
<td>685</td>
</tr>
<tr>
<td>ZU-900</td>
<td>900</td>
<td>161 42</td>
<td>1040</td>
</tr>
</tbody>
</table>

Heavy-Duty Glasslined G Series

5-YEAR LIMITED WARRANTY

- UL Certified.
- Max working pressure is 125 psig.
- Anodic Protection.
- For complete information, consult written warranty or go to statewaterheaters.com.

### G SERIES GLASSLINED PUMP TANKS

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Volume (Gallons)</th>
<th>Dimensions in Inches</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>G-42-T</td>
<td>42</td>
<td>49 16-1/2</td>
<td>71</td>
</tr>
<tr>
<td>G-42-S</td>
<td>42</td>
<td>35-7/8 20</td>
<td>81</td>
</tr>
<tr>
<td>G-82</td>
<td>82</td>
<td>62-1/4 20</td>
<td>154</td>
</tr>
<tr>
<td>G-120</td>
<td>120</td>
<td>63 24</td>
<td>206</td>
</tr>
</tbody>
</table>

1-1/4” NPT Spud in head for alternate motor mount or retention tank connection
All tapping 1-1/4” Water Connections
1/4” pressure switch tapping on all models
### WATERGUARD™ POTABLE WATER HEATER EXPANSION TANKS
- For use with residential and commercial water heaters to a maximum of 180°.
- Field-adjustable 38 psi air charge.
- IAPMO approved (150 psig Models).
- Tanks are NSF Standard 61-G and 372 listed.
- 5-year limited warranty.

### THERM-O-FLEX™ POTABLE WATER HEATER EXPANSION TANKS
- In-Line Series, Models ETC-7, ETC-14, 3/4˝ FPT.
- Free Standing Series Models ETC-15 to ETC-36, 1˝ FPT.
- ETC-52 to ETC-86, 1-1/4˝ FPT.
- Tanks are NSF Standard 61-G and 372 listed.
- 5-year limited warranty.

For complete information, consult written warranty or go to statewaterheaters.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Maximum (PSIG) Working Pressure</th>
<th>Tank Volume (Gallons)</th>
<th>Maximum Accepted Volume (Gallons)</th>
<th>Connection NPT Size</th>
<th>Overall Height (Inches)</th>
<th>Diameter (Inches)</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETC-7</td>
<td>100</td>
<td>7.27</td>
<td>4.6 N/A N/A 3/4 21-1/16 11</td>
<td>14</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ETC-14</td>
<td>100</td>
<td>14.6</td>
<td>10.5 8.0 5.6 3/4 23-1/2 15-3/8</td>
<td>25</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ETC-15</td>
<td>100</td>
<td>14.6</td>
<td>10.5 8.0 5.6 1 24-3/4 15-3/8 25-1/2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ETC-20</td>
<td>100</td>
<td>20</td>
<td>13.5 10.1 6.7 1 32-3/4 15-3/8 30</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ETC-36S</td>
<td>100</td>
<td>36</td>
<td>21 16.6 11.4 1 32-3/8 20 45</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ETC-52</td>
<td>100</td>
<td>52</td>
<td>33.8 25.5 19.7 1-1/4 38-5/8 23-3/8 77</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ETC-86</td>
<td>100</td>
<td>86</td>
<td>61.2 45.4 32.8 1-1/4 59 23-3/8 105</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Space Heating Expansion Tanks
FOR USE WITH RESIDENTIAL SPACE HEATING BOILERS IN CLOSED SYSTEMS

- Not for use with potable water heating systems.
- Designed for in-line or free standing installation.
- Combination models shipped with air vent and separator.
- Field-adjustable 12 psi air charge.
- Drawn-steel tank with butyl rubber parabolic diaphragm separates air and water.
- Maximum temperature 240° F.
- 100 psi maximum working pressure.
- 1-year tank limited warranty.
- For complete information, consult written warranty or go to statewaterheaters.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Gallon Capacity</th>
<th>Max. Acceptable Volume (Gallons) 20 PSIG</th>
<th>Dimensions in Inches</th>
<th>Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Height</td>
<td>Diameter</td>
</tr>
<tr>
<td>Therm-o-Flex In-Line</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ET-2</td>
<td>1.86</td>
<td>1.53</td>
<td>10-3/16</td>
<td>8-1/4</td>
</tr>
<tr>
<td>ET-5</td>
<td>4.83</td>
<td>3.75</td>
<td>14-3/4</td>
<td>11</td>
</tr>
<tr>
<td>ET-7</td>
<td>7.27</td>
<td>4.6</td>
<td>21-1/16</td>
<td>11</td>
</tr>
<tr>
<td>ET-14</td>
<td>14.6</td>
<td>10.5</td>
<td>21-3/4</td>
<td>15-3/8</td>
</tr>
<tr>
<td>Therm-o-Flex Combination Units*</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>ET-2V-1</td>
<td>1.86</td>
<td>1.53</td>
<td>20-11/16</td>
<td>8-1/4</td>
</tr>
<tr>
<td>ET-2V-2</td>
<td>1.86</td>
<td>1.53</td>
<td>20-11/16</td>
<td>8-1/4</td>
</tr>
<tr>
<td>ET-5V-1</td>
<td>4.83</td>
<td>3.75</td>
<td>25-1/8</td>
<td>11</td>
</tr>
<tr>
<td>ET-5V-2</td>
<td>4.83</td>
<td>3.75</td>
<td>25-1/8</td>
<td>11</td>
</tr>
<tr>
<td>ET-7V-1</td>
<td>7.27</td>
<td>4.6</td>
<td>31-3/8</td>
<td>11</td>
</tr>
<tr>
<td>ET-7V-2</td>
<td>7.27</td>
<td>4.6</td>
<td>31-3/8</td>
<td>11</td>
</tr>
</tbody>
</table>

*Combination Units with Air Vent and Air Separator
All Models: 100 psig Maximum Working Pressure
All In-Line Models have 1/2” MPT connections
Combination Units Air Vent Connection Sizes: ET-2V-1, ET-5V-1, ET-7V-1 have 1” female connection
Combination Units Air Vent Connection Sizes: ET-2V-2, ET-5V-2, ET-7V-2 have 1-1/4” female connection