Partnering with State and our family of brands allows builders to select a water heater product spec and then find that product locally, from multiple wholesalers and contractors. No matter where you are, or how unique your application, you can find the product from us to meet your needs and achieve your water heater goals.
State celebrates more than 70-years of innovation, integrity and customer satisfaction

Multi-generational company with world’s largest water heater manufacturing facility in Ashland City, Tenn.

Company operations directly contributes more than 3,500 jobs in the U.S.
COMPLETE PRODUCT OFFERING
Residential or commercial, standard or high efficiency, with tankless and even hybrid models, State’s full line of products gives builders the best opportunity to select units that provide added value and help achieve a lower HERS Index Rating.

BEST COMPONENTS IN THE INDUSTRY
APCOM, a division of State Industries, LLC, is the industry’s largest manufacturer of thermostats, electric heating elements, gas manifolds and burners, pipe nipples and other water heater components. This vertical integration allows us to provide the best water heaters in the business by ensuring that we use the best components available.

SALES SUPPORT

COMPETITIVE PRICING—Our goal is to create long-lasting relationships with our builder partners

SPEEDY AND LOCAL SUPPORT through our tech support team, nationwide distribution and sales rep network

JOB SITE INSPECTIONS and local code compliance advice

To find a complete list of builder tools and resources, visit statewaterheaters.com/builders.
RESIDENTIAL WATER HEATER SELECTION GUIDE

SIMPLE TANK TYPE SIZING

1. Determine whether your family is low demand or high demand. You should consider your family to be high demand if...
   - There are more than two full baths in the home.
   - There are (or will be) teenagers living in the home. It’s a fact: teenagers use more hot water for showering and washing clothes.
   - You have an oversize whirlpool bath or other large tub. As a rule of thumb, the water heater tank capacity should be 100% of the bathtub capacity (example: 75-gallon tub/75-gallon water heater).

2. 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.

3. Consult the heater options on the following pages for a State residential water heater with a first hour rating that meets your requirements.

To select the right State water heater, consider the size of your family and other factors that contribute to your First Hour Rating (FHR) Requirement. This chart provides suggested State residential water heater selection guidelines for several family sizes.

<table>
<thead>
<tr>
<th>FAMILY SIZE</th>
<th>FIRST HOUR RATING REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 People</td>
<td>45-55 Gallons</td>
</tr>
<tr>
<td>3 People</td>
<td>55-65 Gallons</td>
</tr>
<tr>
<td>4 People</td>
<td>65-75 Gallons</td>
</tr>
<tr>
<td>5 People</td>
<td>75-85 Gallons</td>
</tr>
<tr>
<td>6 People</td>
<td>85-100 Gallons</td>
</tr>
<tr>
<td>7 or More People</td>
<td>100 or more Gallons</td>
</tr>
</tbody>
</table>
TANKLESS 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 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 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 many gallons per minute of 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).

Remember, these are general recommendations. Your State Water Heater Specialist can review your family’s needs in even greater detail to make sure the model you choose will always provide enough hot water to meet the demand.

TANKLESS FLOW RATES

<table>
<thead>
<tr>
<th>Temp Rise</th>
<th>110U Series</th>
<th>310U Series</th>
<th>510U Series</th>
<th>140H Series</th>
<th>240H/X3 Series</th>
<th>340H/X3 Series</th>
<th>540H/P/X3 Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>30°</td>
<td>6.6</td>
<td>8.0</td>
<td>10.0</td>
<td>6.6</td>
<td>6.6</td>
<td>8</td>
<td>10</td>
</tr>
<tr>
<td>40°</td>
<td>5.7</td>
<td>7.8</td>
<td>8.1</td>
<td>5.6</td>
<td>6.6</td>
<td>8</td>
<td>9.5</td>
</tr>
<tr>
<td>50°</td>
<td>4.6</td>
<td>6.2</td>
<td>6.5</td>
<td>4.5</td>
<td>6.1</td>
<td>6.8</td>
<td>7.6</td>
</tr>
<tr>
<td>60°</td>
<td>3.8</td>
<td>5.2</td>
<td>5.4</td>
<td>3.7</td>
<td>5.1</td>
<td>5.7</td>
<td>6.3</td>
</tr>
<tr>
<td>70°</td>
<td>3.3</td>
<td>4.4</td>
<td>4.7</td>
<td>3.2</td>
<td>4.3</td>
<td>4.9</td>
<td>5.4</td>
</tr>
<tr>
<td>80°</td>
<td>2.9</td>
<td>3.9</td>
<td>4.1</td>
<td>2.8</td>
<td>3.8</td>
<td>4.3</td>
<td>4.7</td>
</tr>
<tr>
<td>90°</td>
<td>2.5</td>
<td>3.5</td>
<td>3.6</td>
<td>2.5</td>
<td>3.4</td>
<td>3.8</td>
<td>4.2</td>
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<tr>
<td>100°</td>
<td>2.3</td>
<td>3.1</td>
<td>3.3</td>
<td>2.2</td>
<td>3.0</td>
<td>3.4</td>
<td>3.8</td>
</tr>
</tbody>
</table>
The Residential Energy Service Network (RESNET) recognizes the Home Energy Rating System (HERS) Index as the national system to determine a home’s energy performance. The system evaluates a home’s energy efficiency and issues a score that rates its overall performance. The lower a home’s HERS Index score, the more energy efficient it is.

**Hers Index**

\[
P_E \left( \frac{x}{100} \right) \times (E_{heating} + E_{cooling} + E_{wh} + E_{la}) \quad \text{rated home} \\
(E_{heating} + E_{cooling} + E_{wh} + E_{la}) \quad \text{reference home}
\]

**Homebuyers want to understand their home’s energy efficiency to:**

1. Increase savings on energy bills
2. Improve home comfort
3. Reduce carbon footprint

**How to get an HERS Index score**

A certified RESNET HERS Rater calculates a home’s HERS Index Score after conducting a home inspection and series of diagnostic tests. Once all of the diagnostic tests have been completed, the rater will use RESNET’s Accredited Rating Software to calculate the home’s rating.

**Some of the items the HERS rater will evaluate are:**

- Exterior walls
- Floors in unconditioned spaces like garages or cellars
- Ceilings and roofs
- Attics, foundations and crawlspaces
- Water heating systems
- Windows, doors, vents and ductwork
- HVAC systems and thermostats
- Air leakage

To learn more about the HERS Index, visit resnet.us
Partnering with State and our family of brands allows you to select a water heater product spec and then find that product locally, from multiple wholesalers and contractors. No matter where you are, or how unique your application, you can find the product from us to meet your needs and achieve your water heater goals.

Residential or commercial, standard or high efficiency, with tankless and even electric heat pump models, State’s full line of products gives you the best opportunity to select units that provide added value and help achieve a lower HERS Index Rating. Include State ENERGY STAR® certified tankless gas or electric heat pump water heaters to build more efficient homes. These models can help you earn between 3 and 6 HERS index score points across all climate zones and home configurations.

Did you know? Utilities in more than 30 States offer builder incentives to reduce the equipment cost of ENERGY STAR® water heaters. Visit www.statewaterheaters.com/support/water-heater-rebates to find rebates in your area. Let us show you specifically what we can do to help upgrade your subdivisions with ENERGY STAR® certified water heating equipment, build more efficient homes, and help your new home buyers save on energy!
<table>
<thead>
<tr>
<th>Model Number</th>
<th>Zone 1</th>
<th>Zone 2</th>
<th>Zone 3</th>
<th>Zone 4</th>
<th>Zone 5</th>
<th>Zone 6</th>
<th>Zone 7</th>
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<tbody>
<tr>
<td>Heat Pump</td>
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<tr>
<td>Premier 50-gallon models</td>
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<td>5</td>
<td>5</td>
<td>6</td>
<td>4</td>
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<tr>
<td>Premier 66-gallon models</td>
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<td>4</td>
<td>5</td>
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<td>Premier 80-gallon models</td>
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<td>4</td>
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<td>4</td>
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<td>90%+ Efficiency</td>
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<td>GP6-50-YTPDT</td>
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<td>3</td>
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<td>3</td>
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<td>GP6-50-YTVIT</td>
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<tr>
<td>GTS-510C-NI</td>
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<td>3</td>
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<tr>
<td>Powered Vent</td>
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<td>GS6-50-YRPDTL</td>
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<td>2</td>
<td>2</td>
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<tr>
<td>GS6-50-YBPD</td>
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<td>1</td>
<td>2</td>
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<td>2</td>
<td>2</td>
</tr>
<tr>
<td>GS6-75-YRPDTL</td>
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<td>1</td>
<td>2</td>
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<td>1</td>
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<tr>
<td>GS6-75-YR VH TL</td>
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<td>2</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>GS6-40-YBVIS</td>
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<td>2</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>GS6-50-YBVIS</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

Results provided third party by EnergyLogic assuming a 2 story home with no H2O improvements.
FEATURES AND BENEFITS
PREMIUM FEATURES. COMMERCIAL-GRADE COMPONENTS.

BLUE DIAMOND® GLASS COATING
Provides superior corrosion resistance compared to industry-standard glasslining.

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

SELF-CLEANING DIP TUBES
Helps reduce lime and sediment buildup and maximizes hot water output. Made from long-lasting PEX cross-linked polymer.

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

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.

ENERGY STAR®
State offers a variety of models that are ENERGY STAR® qualified. Learn more at www.energystar.gov.

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.

T&P RELIEF VALVE
CSA Certified and ASME Rated.

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

Enhanced Ultra-Low NOx burner complies with SCAQMD Rule 1121 and other air quality management districts with requirements for NOx emissions of less than 10 ng/J.
## RESIDENTIAL GAS WATER HEATERS

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

### Gas Water Heaters

<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 Lining</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>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™ Anode Rod Protection</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Advanced Anode Protection</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

**Extended Warranty Kit Available**

- ●
- ●
- ●

**ENERGY STAR® Qualified**

- ●

**Electronic User Interface**

- ●

**High Efficiency Performance**

- ●

**Best-In-Class Material and Technology**

- ●

**Industry-Leading Efficiency**

- ●

**Flexible Venting for more Install Options**

- ●

*Some Models Not Eligible

### Table

<table>
<thead>
<tr>
<th>Feature</th>
<th>$</th>
<th>$</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Cost</td>
<td>$</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>
</tbody>
</table>

**Benefits that homeowners love**

**Commercial-Grade Components**

**Benefits that homeowners love**

- Commercial-Grade Components

---

*10*
PREMIER® HIGH EFFICIENCY
POWER DIRECT VENT

CONDENSING DESIGN
- Operates at 96% thermal efficiency, which saves money on operating costs compared to a standard 80% efficient gas water heater
- Equipped with condensate drain tee

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

ADVANCED ELECTRONIC CONTROL
- Large LCD touchscreen display
- Precise temperature control
- Advanced diagnostics

POWER DIRECT VENT DESIGN
- Combined vertical and horizontal runs terminating through an outside wall. Vents using PVC, CPVC or ABS pipe
  - 2” pipe, vents up to 45 equivalent feet
  - 3” pipe, vents up to 128 equivalent feet

SIDE-MOUNTED HOT AND COLD RECIRCULATING TAPS
- Allows the Premier® High Efficiency Power Direct Vent to be installed as part of combination space heating/water heating applications

CODE COMPLIANCE
- 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 20ppm
- Meets UBC, CEC and ICC 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

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

When ordering propane (LP), change “Y” to “H” in the model number (example GP6-50-YTPDT).
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.

<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>Vent Size</th>
<th>Dimensions in Inches</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>100,000</td>
<td>2 or 3</td>
<td>66-3/4</td>
<td>22</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>100,000</td>
<td>2 or 3</td>
<td>64-3/4</td>
<td>27-3/4</td>
</tr>
</tbody>
</table>
POWER VENT DESIGN FOR INSTALLATION VERSATILITY
- Helical internal heat exchanger achieves 90% thermal efficiency, which saves money on operating costs compared to a standard 80% efficient gas water heater
- Combined horizontal and vertical vent runs terminating through outside wall, using Schedule 40 PVC pipe as follows:
  - 2’ pipe allows vent runs up to 25 equivalent feet
  - 3’ pipe allows vent runs up to 65 equivalent feet
  - 4’ pipe allows vent runs up to 128 equivalent feet

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

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

MAXIMUM HYDROSTATIC WORKING PRESSURE: 150 PSI

CODE COMPLIANCE
- Meets UBC, CEC and ICC 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

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>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</td>
<td>70-5/8</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).

*Intelli-Vent™ is a registered trademark of Emerson Electric Company.
**PROLINE® XE**

**POLARIS™ HIGH EFFICIENCY**

**CONDENSING DESIGN**
- Operates at up to 96% thermal efficiency which saves money on operating costs compared to a standard 80% efficient gas water heater
- Helical internal heat exchanger keeps hot combustion gases in the tank longer to extract more heat into the water

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

**QUIET OPERATION**
- Quiet blower and burner minimize noise

**POWER DIRECT VENT DESIGN**
- Direct vent using PVC, CPVC or ABS either thru-the-wall or thru-the-roof

**OPTIONAL CONCENTRIC VENT KIT**

**ADVANCED ELECTRONIC CONTROL**
- Large LCD display provides precise temperature control and advanced diagnostics

**CODE COMPLIANCE**
- 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
- Meets UBC, CEC, and ICC 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

**10-YEAR LIMITED TANK AND 1-YEAR LIMITED PARTS WARRANTY**
- For complete information, consult written warranty or go to statewaterheaters.com

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**Model Number** | **Nominal Capacity** | **Rated Storage Volume (Gallons)** | **First Hour Rating** | **UEF** | **Thermal Efficiency** | **Recovery @ 90° Rise (Gallon Per Hour)** | **BTU/h Input (Gallon Per Hour)** | **Vent Size** | **Dimensions in Inches** | **Approx. Shipping Weight (lbs)** |
<table>
<thead>
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</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>2 or 3</td>
<td>48-1/2</td>
<td>41</td>
</tr>
<tr>
<td>GHX-34-130-N</td>
<td>34</td>
<td>N/A</td>
<td>N/A</td>
<td>96%</td>
<td>165</td>
<td>130,000</td>
<td>2 or 3</td>
<td>48-1/2</td>
<td>41</td>
<td>22</td>
</tr>
<tr>
<td>GHX-34-150-N</td>
<td>34</td>
<td>N/A</td>
<td>N/A</td>
<td>94%</td>
<td>190</td>
<td>150,000</td>
<td>2 or 3</td>
<td>48-1/2</td>
<td>41</td>
<td>22</td>
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<tr>
<td>GHX-50-130-N</td>
<td>50</td>
<td>N/A</td>
<td>N/A</td>
<td>95%</td>
<td>165</td>
<td>130,000</td>
<td>2 or 3</td>
<td>62-3/8</td>
<td>55</td>
<td>22</td>
</tr>
<tr>
<td>GHX-50-150-N</td>
<td>50</td>
<td>N/A</td>
<td>N/A</td>
<td>95%</td>
<td>190</td>
<td>150,000</td>
<td>2 or 3</td>
<td>63-3/4</td>
<td>56-1/4</td>
<td>22</td>
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<tr>
<td>GHX-50-175-N</td>
<td>50</td>
<td>N/A</td>
<td>N/A</td>
<td>96%</td>
<td>222</td>
<td>175,000</td>
<td>3</td>
<td>63-3/4</td>
<td>56-1/4</td>
<td>22</td>
</tr>
<tr>
<td>GHX-50-199-N</td>
<td>50</td>
<td>N/A</td>
<td>N/A</td>
<td>96%</td>
<td>253</td>
<td>199,000</td>
<td>3</td>
<td>63-3/4</td>
<td>56-1/4</td>
<td>22</td>
</tr>
</tbody>
</table>

When ordering propane (LP), change “-N” to “-P” in the model number (example GHX-50-199-P).
Models certified for sea level to 7,700 ft. elevation.
PROLINE® XE NON-CONDENSING FLUE DAMPER

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
- 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

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</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>
<td></td>
<td></td>
<td></td>
<td>Foam Thickness</td>
<td>Height to Top of Draft Hood</td>
<td>Height to Top of Tank</td>
</tr>
<tr>
<td>Tall Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2</td>
<td>64-1/4</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></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></td>
<td>2</td>
<td>54</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></td>
</tr>
<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.
**PROLINE® XE NON-CONDENSING POWER DIRECT VENT**

**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
- 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

**DESIGN-LISTED BY CSA INTERNATIONAL**
- Certified at 300 psi test pressure and 150 psi working pressure
- Listed according to ANSI Z21.22.10.1-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>BTU Input</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>300</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></td>
</tr>
<tr>
<td>GS6-50-YBPDT</td>
<td>300</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></td>
</tr>
<tr>
<td>GS6-50-YRPDTL-5</td>
<td>300</td>
<td>50</td>
<td>48</td>
<td>118</td>
<td>0.73</td>
<td>62,000*</td>
<td>73</td>
<td>Height to Top of Tank</td>
<td></td>
</tr>
<tr>
<td>GS6-75-YRPDTL</td>
<td>310</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></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 300/310. Propane models are series 301/311.

Side connections are standard on YRPDTL models.
All models rated for installation at altitudes up to 10,100 ft.
PROLINE® XE NON-CONDENSING POWER VENT

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
- 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

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</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>59</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>Height to Top of Tank</td>
<td>68-1/2</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>Height to Top of Tank</td>
<td>60-1/8</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>Height to Top of Tank</td>
<td>68-1/8</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>Diameter</td>
<td>34</td>
</tr>
<tr>
<td>GS6-75-YRVHTL</td>
<td>210</td>
<td>75</td>
<td>72</td>
<td>0.69</td>
<td>80</td>
<td>76,000</td>
<td>N/A</td>
<td>Diameter</td>
<td>34</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).
PROLINE® XE NON-CONDENSING ULTRA-LOW NOx POWER VENT

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 build up and maximizes hot water output. Made from long-lasting PEX cross-linked polymer.

COREGARD™ ANODE ROD

GREEN CHOICE® GAS BURNER
- Complies with SCAGMD 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
- 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

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</th>
<th>Dimensions in Inches</th>
<th>Draft Hood</th>
<th>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>Height to Top of Blower: 58-5/8</td>
<td>Height to Top of Tank: 66-7/8</td>
<td>Diameter: 20</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>Height to Top of Blower: 57-7/16</td>
<td>Height to Top of Tank: 65-5/8</td>
<td>Diameter: 22</td>
</tr>
</tbody>
</table>

No option available for Top T&P valve.
## RESIDENTIAL TANKLESS WATER HEATERS

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

### PREMIUM FEATURES:

<table>
<thead>
<tr>
<th>Model Family</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>
<th>Proline XE with X³® Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Condensing</td>
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<td>Non-Condensing</td>
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<td>Indoor Models</td>
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<td>Outdoor Models</td>
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<td>Recirculation Pump - DHW</td>
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<td>Recirculation Pump - Hydronic Heating</td>
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<tr>
<td>Concentric Venting</td>
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<tr>
<td>Ultra-Low NOx</td>
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<td>Energy Star® Qualified*</td>
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<tr>
<td>Scale Prevention Technology</td>
<td></td>
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</tr>
</tbody>
</table>

*Some Models Not Eligible.*

Hot Water Output, Cost of Operation, & Installation Space Required estimated based on typical applications/installations. For a more custom analysis of unique installations, visit hotwater.com and use our product selector tool.
RESIDENTIAL CONDENSING WITH X3® SCALE PREVENTION TECHNOLOGY

NO ANNUAL DESCALING REQUIRED
NO SCALE BUILDUP MEANS THE HEATER MAINTAINS LIKE-NEW PERFORMANCE LONGER
3" VENTING UP TO 70 EQUIVALENT FEET
RECYC CAPABLE

- Tankless water heaters with X3 Technology are approved to work with an external recirculation pump and cross-over valve. See training manual for full details.

WARRANTY

- No hardwater exclusions in the industry’s first “peace of mind” limited warranty
- 15-year limited warranty on heat exchanger in residential applications
- 5-year limited warranty on all parts in residential applications
- 1-year limited warranty on heat exchanger and parts in commercial applications
- Refer to hotwater.com for further warranty details

<table>
<thead>
<tr>
<th>Model Number*</th>
<th>Type</th>
<th>Gas Consumption Input**</th>
<th>Inlet Gas Pressure**</th>
<th>UEF</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTS-540X3-NIH</td>
<td>Natural</td>
<td>15,000</td>
<td>199,000</td>
<td>4.0</td>
</tr>
<tr>
<td>GTS-540X3-NEH+</td>
<td>Natural</td>
<td>15,000</td>
<td>199,000</td>
<td>4.0</td>
</tr>
<tr>
<td>GTS-340X3-NIH+</td>
<td>Natural</td>
<td>15,000</td>
<td>180,000</td>
<td>4.0</td>
</tr>
<tr>
<td>GTS-340X3-NEH</td>
<td>Natural</td>
<td>15,000</td>
<td>180,000</td>
<td>4.0</td>
</tr>
<tr>
<td>GTS-240X3-NIH</td>
<td>Natural</td>
<td>15,000</td>
<td>160,000</td>
<td>4.0</td>
</tr>
<tr>
<td>GTS-240X3-NEH+</td>
<td>Natural</td>
<td>15,000</td>
<td>160,000</td>
<td>4.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model Number*</th>
<th>Maximum GPM</th>
<th>Hot/Cold Connections</th>
<th>Gas Connection</th>
<th>Approx Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTS-540X3-NIH</td>
<td>10</td>
<td>3/4&quot; NPT</td>
<td>3/4* NPT</td>
<td>73</td>
</tr>
<tr>
<td>GTS-540X3-NEH</td>
<td>10</td>
<td>3/4&quot; NPT</td>
<td>3/4* NPT</td>
<td>73</td>
</tr>
<tr>
<td>GTS-340X3-NIH</td>
<td>8</td>
<td>3/4&quot; NPT</td>
<td>3/4* NPT</td>
<td>72</td>
</tr>
<tr>
<td>GTS-340X3-NEH</td>
<td>8</td>
<td>3/4&quot; NPT</td>
<td>3/4* NPT</td>
<td>71</td>
</tr>
<tr>
<td>GTS-240X3-NIH</td>
<td>6.6</td>
<td>3/4&quot; NPT</td>
<td>3/4* NPT</td>
<td>72</td>
</tr>
<tr>
<td>GTS-240X3-NEH</td>
<td>6.6</td>
<td>3/4&quot; NPT</td>
<td>3/4* NPT</td>
<td>71</td>
</tr>
</tbody>
</table>

*For propane models, change “N” to “P”
**For propane models, minimum fire is 13,000 BTU/H, minimum inlet gas pressure is 8.0 in. W.C. and maximum inlet gas pressure is 14.0 in. W.C.
*ENERGY STAR® Qualified

Model Number* | Maximum GPM | Hot/Cold Connections | Gas Connection | Approx Shipping Weight (lbs) |
<table>
<thead>
<tr>
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<td>3/4&quot; NPT</td>
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<td>3/4&quot; NPT</td>
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<td>GTS-340X3-NIH</td>
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<td>3/4&quot; NPT</td>
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<tr>
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<tr>
<td>GTS-240X3-NIH</td>
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<tr>
<td>GTS-240X3-NEH</td>
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<td>3/4&quot; NPT</td>
<td>3/4* NPT</td>
<td>71</td>
</tr>
</tbody>
</table>

*For propane models, change “N” to “P”
**For propane models, minimum fire is 13,000 BTU/H, minimum inlet gas pressure is 8.0 in. W.C. and maximum inlet gas pressure is 14.0 in. W.C.
*ENERGY STAR® Qualified

Model Number* | Maximum GPM | Hot/Cold Connections | Gas Connection | Approx Shipping Weight (lbs) |
<table>
<thead>
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</tr>
</thead>
<tbody>
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<td>3/4* NPT</td>
<td>71</td>
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*For propane models, change “N” to “P”
**For propane models, minimum fire is 13,000 BTU/H, minimum inlet gas pressure is 8.0 in. W.C. and maximum inlet gas pressure is 14.0 in. W.C.
*ENERGY STAR® Qualified
PROLINE® XE COMBI BOILER

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

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>SCB-110S-N</td>
<td>11,000</td>
<td>110,000</td>
<td>4.0</td>
<td>14.0</td>
<td>95.0</td>
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<td>89,000</td>
<td>2.6</td>
<td>1” NPT</td>
<td>3/4” NPT</td>
<td>1/2” NPT</td>
</tr>
<tr>
<td>SCB-150S-N</td>
<td>15,000</td>
<td>150,000</td>
<td>4.0</td>
<td>14.0</td>
<td>95.0</td>
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<td>121,000</td>
<td>3.6</td>
<td>1” NPT</td>
<td>3/4” NPT</td>
<td>1/2” NPT</td>
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<tr>
<td>SCB-199S-N</td>
<td>19,900</td>
<td>199,000</td>
<td>4.0</td>
<td>14.0</td>
<td>95.0</td>
<td>185,000</td>
<td>161,000</td>
<td>4.8</td>
<td>1” NPT</td>
<td>3/4” NPT</td>
<td>1/2” NPT</td>
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</tbody>
</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.
PROLINE® XE CONDENSING WITH RECIRCULATION PUMP

INTEGRATED RECIRCULATION PUMP
• 1/2˝ pipe - 200’
• 3/4˝ pipe - 500’

PUMP CONTROLS
• Included with heater
• Two timer settings
• Adjustable differential settings

ENERGY STAR® QUALIFIED*

ULTRA-LOW NOx EMISSIONS
• Complies with SCAQMD 1146.2 NOx emission 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:
• Air-Fuel Ratio (AFR) Sensor
• 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

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<table>
<thead>
<tr>
<th>Model Number</th>
<th>Type</th>
<th>Gas Consumption Input Minimum**</th>
<th>Gas Consumption Input Maximum (BTU/H)</th>
<th>Inlet Gas Pressure***</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) Top</th>
<th>Sizing Chart (Number of Showers) Bottom</th>
<th>Sizing Chart (Number of Showers) Side</th>
<th>Sizing Chart (Number of Showers) Front</th>
<th>Clearances (in.)</th>
<th>Approx Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTS-540P-NIH</td>
<td>Natural</td>
<td>15,000</td>
<td>199,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.93</td>
<td>Sizing Chart (Number of Showers)</td>
<td>3/4˝ NPT</td>
<td>3/4˝ NPT</td>
<td>3</td>
<td>4.5</td>
<td>12</td>
<td>3</td>
<td>4</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.
*GTS-540P-NEH and GTS-540P-PEH are ENERGY STAR® Qualified.
PROLINE® XE CONDENSING HIGH EFFICIENCY

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

HEAT EXCHANGER
• 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

MAXIMUM FLOW RATES UP TO 10.0 GPM

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
• 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
PROVIDES FLEXIBLE VENTING WITH PVC, CPVC, OR ABS PIPE FOR INTAKE AND EXHAUST (SOLID CORE ONLY)

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>Type</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>Clearances (in.)</th>
<th>Approx Shipping Weight (lbs)</th>
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<tbody>
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<td>Natural</td>
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<td>120,000</td>
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<td>10.5</td>
<td>0.90</td>
<td>0.91</td>
<td>3/4&quot; NPT</td>
<td>1/2&quot; NPT</td>
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<tr>
<td>GTS-240H-NIH</td>
<td>Natural</td>
<td>15,000</td>
<td>160,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.94</td>
<td>0.95†</td>
<td>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
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<tr>
<td>GTS-340H-NIH</td>
<td>Natural</td>
<td>15,000</td>
<td>180,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.95†</td>
<td>0.94</td>
<td>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
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<tr>
<td>GTS-540H-NIH</td>
<td>Natural</td>
<td>15,000</td>
<td>199,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.93</td>
<td>0.95†</td>
<td>3/4&quot; NPT</td>
<td>3/4&quot; NPT</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.
*ENERGY STAR® Qualified

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

PROLINE® XE CONDENSING HIGH EFFICIENCY
PROLINE® XE NON-CONDENSING ULTRA-LOW NOx

ULTRA-LOW NOx EMISSIONS
- Complies with SCAQMD Rule 1146.2 NOx emission 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
- Air-Fuel Ratio (AFR) Sensor
- 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

PROLINE® XE NON-CONDENSING ULTRA-LOW NOx

ULTRA-LOW NOx EMISSIONS
- Complies with SCAQMD Rule 1146.2 NOx emission 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
- Air-Fuel Ratio (AFR) Sensor
- 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

<table>
<thead>
<tr>
<th>Model Number*</th>
<th>Type</th>
<th>Gas Consumption Input</th>
<th>Inlet Gas Pressure**</th>
<th>UEF</th>
<th>Connections</th>
<th>Sizing Chart</th>
<th>Clearances (in.)</th>
<th>Approx Shipping Weight (lbs)</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Minimum (BTU/H)</td>
<td>Maximum (BTU/H)</td>
<td></td>
<td>Water</td>
<td>Gas</td>
<td>Cold Climate†</td>
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<td>GTS-110U-I-200</td>
<td>Natural</td>
<td>15,000</td>
<td>140,000</td>
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<td>10.5</td>
<td>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
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<td>GTS-310U-I-200</td>
<td>Natural</td>
<td>15,000</td>
<td>190,000</td>
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<td>10.5</td>
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<tr>
<td>GTS-510U-I-200</td>
<td>Natural</td>
<td>15,000</td>
<td>199,000</td>
<td>4.0</td>
<td>10.5</td>
<td>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
<td>2.5</td>
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</tbody>
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*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.
## PROLINE® XE NON-CONDENSING CONCENTRIC VENT

### 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 NOx emission 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

### Connections Sizing Chart (Number of Showers) Clearances (in.) Approx Shipping Weight (lbs)

<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>Clearances (in.)</th>
<th>Approx Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTS-310C-N</td>
<td>15,000</td>
<td>190,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.81</td>
<td>3/4&quot; NPT</td>
<td>3/4&quot; 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&quot; NPT</td>
<td>3/4&quot; 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.
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‡ Warm climate represents 50°F temperature rise
# Residential Electric Water Heaters

**Premium Features. Commercial-Grade Components.**

## Electric Water Heaters

<table>
<thead>
<tr>
<th>Benefit</th>
<th>ProLine®</th>
<th>ProLine® Master</th>
<th>ProLine® XE</th>
</tr>
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<tbody>
<tr>
<td><strong>Benefits that homeowners love</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blue Diamond® Glass Lining</td>
<td>●</td>
<td>●</td>
<td>●</td>
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<tr>
<td>DynaClean™ Automatic Sediment-Cleaning System</td>
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<tr>
<td>Heat Trap Nipples</td>
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<tr>
<td>Enhanced Flow Brass Drain Valve</td>
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<tr>
<td>CoreGard™ Anode Rod Protection</td>
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<tr>
<td>Advanced Anode Protection</td>
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<tr>
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<td>Dual Stainless Steel Element</td>
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<tr>
<td>Extended Warranty Kit Available</td>
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<td>●*</td>
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<td>Electronic User Interface</td>
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<td>●</td>
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<tr>
<td>iCOMM® Remote Connectivity</td>
<td>●*</td>
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<td>●</td>
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<tr>
<td>ENERGY STAR® Qualified</td>
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<tr>
<td>Exceptional Efficiency</td>
<td>●</td>
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<tr>
<td>Best-In-Class Material and Technology</td>
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*Some Models Not Eligible

<table>
<thead>
<tr>
<th>Feature</th>
<th>ProLine®</th>
<th>ProLine® Master</th>
<th>ProLine® XE</th>
</tr>
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<tbody>
<tr>
<td><strong>Operating Cost</strong></td>
<td>$ $ $</td>
<td>$ $ $</td>
<td>$</td>
</tr>
<tr>
<td><strong>Installation Space Required</strong></td>
<td>to</td>
<td>to</td>
<td></td>
</tr>
<tr>
<td><strong>Warranty (Years)</strong></td>
<td>6</td>
<td>8</td>
<td>10</td>
</tr>
</tbody>
</table>

### Commercial-Grade Components
**PREMIER® AL SMART HYBRID ELECTRIC HEAT PUMP**

### LEAK PROTECTION TECHNOLOGY
- Smart anode adapts to local water conditions to protect and extend the life of the water heater
- User is notified when the anode is consumed and needs to be replaced
- Smart sensor alerts user in the event a leak does occur for added peace of mind
- Compatible with accessory automatic water shutoff valve for enhanced protection

### EXCEPTIONAL ENERGY EFFICIENCY
- Improved efficiency up to 4.02 Uniform Energy Factor (UEF) can reduce the cost of water heating by up to 78%*
- ENERGY STAR® certified for many state and local utility rebates

### ICOMM™ SMART CONNECTIVITY
- Monitor and control your water heater through the free State Water Heaters app
- Connect through a local Wi-Fi network or directly to the water heater through Bluetooth
- If applicable download the Time of Use schedule of your local electric utility to prioritize heating when the rates are most affordable
- Receive alerts and notifications

### FLEXIBLE DESIGN
- Top and front water connections for easy installation
- Zero clearance required on sides and back to fit in tighter spaces
- Integrated ducting adapters for installations in confined spaces

### QUIET OPERATION
- Whisper-quiet operation at 45 dBA

### ELECTRONIC CONTROLS
- User-friendly electronic interface allows easy control of temperature, operating mode and diagnostics
- Select from Heat Pump, Hybrid or Electric modes to match hot water demand.
- Vacation mode can reduce energy use while you are away.
- Long-lasting 4500W backup elements can supplement the heat pump depending on operating mode, environmental conditions and hot water demand

### CODE COMPLIANCE
- NEA Tier 4
- California Title 24 JA13 Qualified
- CTA-2045 (AC)
- OpenADR 2.0b VEN
- Meets IBC and HUD Codes

### 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</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>HPSX-50-DHPT</td>
<td>50</td>
<td>46</td>
<td>3.80</td>
<td>65</td>
<td>Height to Top of Tank: 63</td>
<td>Height to T&amp;P: 40-1/2</td>
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<tr>
<td>HPSX-66-DHPT</td>
<td>66</td>
<td>67</td>
<td>4.02</td>
<td>82</td>
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<td>38-1/4</td>
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<tr>
<td>HPSX-80-DHPT</td>
<td>80</td>
<td>82</td>
<td>3.88</td>
<td>95</td>
<td>69</td>
<td>46-1/2</td>
</tr>
</tbody>
</table>

*Requires 208/240 VAC 50/60Hz single phase power and 30 amp breaker.
Top T&P option not available on this model.
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

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.
• Smart grid connectivity options available to meet California Title 24-JA13 and utility demand response programs

CHOICE OF OPERATING MODES

• Select from Efficiency, Hybrid, or Electric modes to match heating requirements to environmental conditions and hot water demand
• Hybrid mode offers the best combination of efficiency and hot water delivery by primarily using the heat pump and only using the backup elements when needed
• Vacation mode reduces operating costs and provides freeze protection during extended absence. Programmable up to 99 days to have hot water available when you return.

BACKUP ELECTRIC ELEMENTS

• Long-lasting 4500W backup heating elements provide faster recovery during periods of high hot water use

DRY FIRE PROTECTION

• Control system ensures the tank is full of water during start up to prevent damage

DUAL VOLTAGE CAPABLE

• 208/240 VAC 60Hz capable for use in almost any residential application

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
• Optional air duct adapter kit (part 100234320) is available for confined space installations

10-YEAR LIMITED 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>UEF</th>
<th>First Hour Rating (Gallons)</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
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</thead>
<tbody>
<tr>
<td>HPX-50-DHPTNE</td>
<td>50</td>
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<td>3.45</td>
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<td>Height to Top of Tank: 63</td>
<td>Height to T&amp;P: 40-5/8</td>
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<tr>
<td>HPX-66-DHPTNE</td>
<td>66</td>
<td>67</td>
<td>3.45</td>
<td>79</td>
<td>Height to Top of Tank: 61</td>
<td>Height to T&amp;P: 38</td>
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<tr>
<td>HPX-80-DHPTNE</td>
<td>80</td>
<td>82</td>
<td>3.45</td>
<td>86</td>
<td>Height to Top of Tank: 69</td>
<td>Height to T&amp;P: 46</td>
</tr>
</tbody>
</table>

Requires 30 amp breaker.
Top T&P option not available.
PROLINE® XE HYBRID ELECTRIC HEAT PUMP

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

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.
- Smart grid connectivity options available to meet California Title 24-JA13 and utility demand response programs

CHOICE OF OPERATING MODES
- Select from Efficiency, Hybrid, or Electric modes to match heating requirements to environmental conditions and hot water demand
- Hybrid mode offers the best combination of efficiency and hot water delivery by primarily using the heat pump and only using the backup elements when needed
- Vacation mode reduces operating costs and provides freeze protection during extended absence. Programmable up to 99 days to have hot water available when you return.

BACKUP ELECTRIC ELEMENTS
- Long-lasting 4500W backup heating elements provide faster recovery during periods of high hot water use

DRY FIRE PROTECTION
- Control system ensures the tank is full of water during start up to prevent damage

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

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
- Optional air duct adapter kit (part 100234320) is available for confined space installations

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>
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</thead>
<tbody>
<tr>
<td>HP6-50-DHPT</td>
<td>50</td>
<td>46</td>
<td>3.35</td>
<td>66</td>
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<td>3.42</td>
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<td>HP6-80-DHPT</td>
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<td>82</td>
<td>3.45</td>
<td>84</td>
<td>69</td>
<td>46</td>
</tr>
</tbody>
</table>

Requires 30 amp breaker. Top T&P option not available.
PROLINE® MASTER SMART ELECTRIC

ELECTRONIC CONTROLS WITH WIFI ConnectivITy

- Standard and vacation operating modes
- Seven-segment display
- Diagnostic feedback
- Element “Dry-Fire” protection

REMOTE CONTROL THROUGH THE STATE APP

- Change water temperature and operating mode remotely
- Schedule hot water demand for optimized performance

LEAK DETECTION SENSOR

- Sounds an audible alarm when water is detected

AUTOMATIC SHUT-OFF VALVE

- Closes valve on incoming cold water inlet when leak is detected

ENHANCED HEATING ELEMENTS

- Dual 5500 watt elements for the fastest recovery and reliable operation
- Stainless steel elements last longer than standard copper elements

HIGH ENERGY FACTORS

- Eco-friendly non-CFC foam insulation, heat traps and other features combine to yield a high Uniform Energy Factor (UEF) that maximizes savings on operating costs

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

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

8-YEAR LIMITED TANK AND PARTS WARRANTY

- 4 year warranty extension available
- 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 Per Hour</th>
<th>Element Wattage 240V</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard</td>
<td>Maximum</td>
<td>Height to Top of Tank</td>
<td>Height to T&amp;P</td>
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<tr>
<td>Tall Models</td>
<td></td>
<td></td>
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<td></td>
<td>5500</td>
<td>5500</td>
<td>60-1/4</td>
<td>53-1/4</td>
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<tr>
<td>EE8-40-DFRT</td>
<td>40</td>
<td>36</td>
<td>63</td>
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<td>25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EE8-50-DFRT</td>
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<td>45</td>
<td>74</td>
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<td>25</td>
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<tr>
<td>EE8-55-DFRT</td>
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<td>0.94</td>
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<td></td>
<td></td>
<td>5500</td>
<td>5500</td>
<td>48-1/2</td>
<td>48-1/2</td>
</tr>
<tr>
<td>EE8-40-DFRS</td>
<td>40</td>
<td>37</td>
<td>64</td>
<td>0.92</td>
<td>25</td>
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<tr>
<td>EE8-50-DFRS</td>
<td>50</td>
<td>46</td>
<td>67</td>
<td>0.92</td>
<td>25</td>
<td>25</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3/4” water connections on 8” center.
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.
Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.
PROLINE® MASTER ATMOSPHERIC VENT

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
- 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

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

<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</th>
<th>Approx. Shipping Weight (lbs)</th>
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<tbody>
<tr>
<td>GW8-40-BCT</td>
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<td>61-3/4</td>
<td>58-1/4</td>
<td>20</td>
<td>3 or 4</td>
<td>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>
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<td>41</td>
<td>60-3/4</td>
<td>57-1/4</td>
<td>21</td>
<td>3 or 4</td>
<td>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</td>
<td>57-1/4</td>
<td>22</td>
<td>3 or 4</td>
<td>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</td>
<td>57-1/4</td>
<td>22</td>
<td>4</td>
<td>165</td>
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<td>GW8-55-XCT*</td>
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<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</td>
<td>55-1/4</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</td>
<td>48</td>
<td>22</td>
<td>3 or 4</td>
<td>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</td>
<td>49-3/4</td>
<td>24</td>
<td>3 or 4</td>
<td>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.
PROLINE® MASTER ULTRA-LOW NOx

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
- 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

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 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>Tall Models</td>
<td></td>
<td></td>
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<td></td>
</tr>
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<td>GW8-40-BRUT</td>
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<td>72</td>
<td>0.64</td>
<td>40,000</td>
<td>41</td>
<td>62</td>
<td>58-1/4 18 3 or 4 125</td>
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<tr>
<td>GW8-40-BCUT</td>
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<td>62</td>
<td>58-1/4 20 3 or 4 125</td>
</tr>
<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>60-3/4</td>
<td>57-1/4 20 3 or 4 148</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>60-3/4</td>
<td>57-1/4 22 3 or 4 148</td>
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<tr>
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<td>91</td>
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<td>50,000</td>
<td>51</td>
<td>61</td>
<td>57-1/2 22 4 177</td>
</tr>
<tr>
<td>Short Models</td>
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<td></td>
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</tr>
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<td>72</td>
<td>0.57</td>
<td>40,000</td>
<td>41</td>
<td>51-1/2</td>
<td>47-3/4 22 3 or 4 138</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.).
PROLINE® MASTER STANDARD ELECTRIC

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

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating Gallon</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>Maximum</td>
<td>Height To Top of Tank</td>
<td>Height To T&amp;P</td>
</tr>
<tr>
<td>Tall Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>EN8-40-DORT</td>
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<td>53</td>
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<td>50</td>
<td>46</td>
<td>62</td>
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<td>21</td>
<td>4500</td>
<td>6000</td>
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<td>EN8-55-DORT</td>
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<td>72</td>
<td>0.93</td>
<td>21</td>
<td>4500</td>
<td>6000</td>
<td>56-1/2</td>
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<td>Short Models</td>
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<td>21</td>
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<tr>
<td>EN8-50-DORS</td>
<td>50</td>
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<td>57</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>6000</td>
<td>49-3/4</td>
</tr>
</tbody>
</table>

3/4” water connections on 8” center only available for 240V or 208V applications.
PROLINE® ATMOSPHERIC VENT

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.

---

### Model Number

<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>Dimensions in Inches</th>
<th>Height to Top of Tank Diameter Draft Hood</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
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<tbody>
<tr>
<td><strong>Tall Models</strong></td>
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<tr>
<td>GS6-30-ORBT</td>
<td>30</td>
<td>29</td>
<td>69</td>
<td>0.6</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>
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<tr>
<td>GS6-30-ORBT</td>
<td>30</td>
<td>29</td>
<td>69</td>
<td>0.6</td>
<td>35,500</td>
<td>32,000</td>
<td>37</td>
<td>61-1/2</td>
<td>58</td>
<td>18</td>
<td>3 or 4</td>
</tr>
</tbody>
</table>

| GS6-40-BRBT | 40                      | 38                   | 78                         | 0.5 | 40,000               | 36,000               | 42                  | 61-3/4                       | 58-1/4                      | 20                   | 3 or 4                         | 148                         |
| GS6-40-BRBT | 40                      | 38                   | 80                         | 0.6 | 40,000               | 36,000               | 42                  | 61-3/4                       | 58-1/4                      | 20                   | 3 or 4                         | 148                         |
| GS6-40-BRBT | 50                      | 48                   | 84                         | 0.6 | 40,000               | 37,000               | 43                  | 60-3/4                       | 57-1/4                      | 22                   | 3 or 4                         | 165                         |
| GS6-50-BRBT | 50                      | 49                   | 99                         | 0.6 | 60,000               | 54,000               | 65                  | 65-1/2                       | 61                          | 22                   | 4                             | 182                         |
| GS6-55-XCT* | 55                      | 55                   | 83                         | 0.6 | 60,000               | 54,000               | 65                  | 59-3/4                       | 55-1/4                      | 24                   | 4                             | 185                         |
| GS6-30-ORBS | 30                      | 28                   | 68                         | 0.5 | 35,500               | 32,000               | 37                  | 50                          | 46-1/2                      | 18                   | 3 or 4                         | 114                         |
| GS6-30-ORBS | 30                      | 28                   | 66                         | 0.5 | 35,500               | 32,000               | 36                  | 50                          | 46-1/2                      | 20                   | 3 or 4                         | 108                         |
| GS6-40-BRBS | 40                      | 38                   | 68                         | 0.7 | 40,000               | 36,000               | 41                  | 51-1/2                       | 48                          | 20                   | 3 or 4                         | 134                         |
| GS6-40-BRBS | 40                      | 38                   | 67                         | 0.5 | 40,000               | 36,000               | 41                  | 51-1/2                       | 48                          | 22                   | 3 or 4                         | 135                         |
| GS6-50-BCS  | 50                      | 50                   | 81                         | 0.6 | 40,000               | 40,000               | 43                  | 53-1/4                       | 49-3/4                      | 24                   | 3 or 4                         | 177                         |

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. † 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.
PROLINE® ULTRA-LOW NOx

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>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>GS6-30-ORUT</td>
<td>30</td>
<td>29</td>
<td>62</td>
<td>0.59</td>
<td>33,000</td>
<td>34</td>
<td>Height to Top of Draft Hood: 61-3/4</td>
<td>Height to Top of Tank: 58</td>
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<tr>
<td>GS6-40-BRUT</td>
<td>40</td>
<td>38</td>
<td>72</td>
<td>0.55</td>
<td>40,000</td>
<td>41</td>
<td>Height to Top of Draft Hood: 62</td>
<td>Height to Top of Tank: 58-1/4</td>
</tr>
<tr>
<td>GS6-40-BCUT</td>
<td>40</td>
<td>38</td>
<td>81</td>
<td>0.64</td>
<td>40,000</td>
<td>41</td>
<td>Height to Top of Draft Hood: 62</td>
<td>Height to Top of Tank: 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>40,000</td>
<td>42</td>
<td>Height to Top of Draft Hood: 60-3/4</td>
<td>Height to Top of Tank: 57-1/4</td>
</tr>
<tr>
<td>GS6-50-BCUT</td>
<td>50</td>
<td>48</td>
<td>84</td>
<td>0.64</td>
<td>40,000</td>
<td>42</td>
<td>Height to Top of Draft Hood: 60-3/4</td>
<td>Height to Top of Tank: 57-1/4</td>
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<tr>
<td>GS6-50-RCUT*</td>
<td>50</td>
<td>48</td>
<td>91</td>
<td>0.60</td>
<td>50,000</td>
<td>51</td>
<td>Height to Top of Draft Hood: 64</td>
<td>Height to Top of Tank: 57-1/2</td>
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<tr>
<td>GS6-40-BCUS</td>
<td>40</td>
<td>38</td>
<td>72</td>
<td>0.57</td>
<td>40,000</td>
<td>41</td>
<td>Height to Top of Draft Hood: 51-1/2</td>
<td>Height to Top of Tank: 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 RCUT.
Most models approved for installation from sea level to 7,700 ft. elevation (except GS6 50 RCUT which is approved to 5,400 ft.).
PROLINE® STANDARD ELECTRIC

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
- 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

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>Element Wattage 240V</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>
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<td>EN6-30-DORT</td>
<td>30</td>
<td>27</td>
<td>48</td>
<td>0.89</td>
<td>21</td>
<td>4500</td>
<td>6000</td>
<td>46-1/2</td>
</tr>
<tr>
<td>EN6-40-DORT</td>
<td>40</td>
<td>36</td>
<td>53</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>6000</td>
<td>61-1/4</td>
</tr>
<tr>
<td>EN6-50-DORT</td>
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<td>46</td>
<td>62</td>
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<tr>
<td>EN6-55-DORT</td>
<td>55</td>
<td>55</td>
<td>72</td>
<td>0.93</td>
<td>21</td>
<td>4500</td>
<td>6000</td>
<td>56-1/2</td>
</tr>
<tr>
<td><strong>Short Models</strong></td>
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</tr>
<tr>
<td>EN6-30-DOBS*</td>
<td>30</td>
<td>27</td>
<td>50</td>
<td>0.90</td>
<td>21</td>
<td>4500</td>
<td>6000</td>
<td>39</td>
</tr>
<tr>
<td>EN6-30-DORS</td>
<td>30</td>
<td>27</td>
<td>47</td>
<td>0.89</td>
<td>21</td>
<td>4500</td>
<td>6000</td>
<td>29-3/4</td>
</tr>
<tr>
<td>EN6-40-DORS</td>
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<td>6000</td>
<td>49-3/4</td>
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<tr>
<td>EN6-50-DORS</td>
<td>50</td>
<td>46</td>
<td>57</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>6000</td>
<td>49-1/4</td>
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<td><strong>Lowboy Top Connect Models</strong></td>
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<tr>
<td>EN6-30-DOLBS*</td>
<td>28</td>
<td>26</td>
<td>46</td>
<td>0.89</td>
<td>21</td>
<td>4500</td>
<td>6000</td>
<td>30</td>
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<tr>
<td>EN6-36-DOLS</td>
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<td>46</td>
<td>0.90</td>
<td>21</td>
<td>4500</td>
<td>6000</td>
<td>30</td>
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<td>EN6-36-DOLBS*</td>
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<td>33</td>
<td>51</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>6000</td>
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<tr>
<td>EN6-40-DOLBS*</td>
<td>38</td>
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<td>49</td>
<td>0.89</td>
<td>21</td>
<td>4500</td>
<td>6000</td>
<td>33-1/2</td>
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<tr>
<td>EN6-40-DOLBS</td>
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<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>6000</td>
<td>36</td>
</tr>
</tbody>
</table>

3/4” water connections on 8” center.
*Models ship with supplied insulation blanket.
†For 10-year tank and 10-year parts limited warranty, change “N6” to “SK” in Select models and “R” to “N” in tall and short model numbers (example: ESX 40 DONT).

Only available for 240V or 208V applications.
EN6 20 SOLS is a single element configuration only.
Top T&P is not available on the 10 year lowboy models.
PROLINE® DIRECT VENT

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
- 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

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

### Model Number 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>Input BTU Per Hour</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>Vent Outlet</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS6-40-YBDS</td>
<td>40</td>
<td>39</td>
<td>54</td>
<td>0.60</td>
<td>38,000</td>
<td>41</td>
<td>64</td>
<td>49-3/4</td>
<td>22</td>
<td>Co-Axial</td>
<td>178</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>73</td>
<td>59</td>
<td>22</td>
<td>Co-Axial</td>
<td>200</td>
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<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>74</td>
<td>60</td>
<td>22</td>
<td>Co-Axial</td>
<td>215</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 3/4” male on 8” center.
*Allow 29” 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.
PROLINE® ULTRA-LOW NOx DIRECT VENT

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
- 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

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</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>28</td>
<td>52</td>
<td>0.59</td>
<td>36,000</td>
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<td>Height to Top of Draft Hood</td>
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</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>Height to Top of Tank</td>
<td>73-1/2</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.
## PROLINE® SPECIALTY

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

### 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.

### 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 and Conservation Act (EPCA), as amended

### 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

---

### Model Specifications

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume (Gallons)</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>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compact Models</td>
<td></td>
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<td>Standard Maximum</td>
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<tr>
<td>ESG-6-SOMS-K</td>
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<td>6</td>
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*Models ship with a supplied insulation blanket.
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