Headquartered in Ashland City, Tennessee, American Water Heaters is one of the nation’s largest manufacturers of water heaters. American is proud to offer a full line of residential and commercial, gas and electric water heaters to meet the needs of the plumbing professional.

American is committed to being a reliable partner by providing well-built products and superior customer service. American’s dedication to research, development, and sound engineering principles contribute to the consistent performance of the water heating products. Similarly, customer service remains a top priority at American, offering customers unmatched product support.

For more information about our products, please visit us online at americanwaterheater.com.

### TABLE OF CONTENTS

**American Water Heaters Residential Catalog**

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Features &amp; Benefits</td>
<td>2</td>
</tr>
<tr>
<td>Residential Water Heater Selection Guide</td>
<td>3</td>
</tr>
<tr>
<td>Introducing the ProLine® Family</td>
<td>4</td>
</tr>
<tr>
<td>Contractor Value Proposition</td>
<td>5</td>
</tr>
<tr>
<td><strong>RESIDENTIAL GAS</strong></td>
<td></td>
</tr>
<tr>
<td>Product Comparison Guide</td>
<td>6</td>
</tr>
<tr>
<td>Nautilus™ Power Vent</td>
<td>7</td>
</tr>
<tr>
<td>Nautilus™ Power Direct Vent</td>
<td>8</td>
</tr>
<tr>
<td>Polaris® High Efficiency</td>
<td>9</td>
</tr>
<tr>
<td>ProLine® Non-Condensing Power Vent</td>
<td>10</td>
</tr>
<tr>
<td>ProLine® Non-Condensing Power Direct Vent</td>
<td>11</td>
</tr>
<tr>
<td>ProLine® XE High Efficiency Non-Condensing Flue Damper</td>
<td>12</td>
</tr>
<tr>
<td>ProLine® XE High Efficiency Non-Condensing Ultra-Low NOx Flue Damper</td>
<td>13</td>
</tr>
<tr>
<td>ProLine® XE Ultra-Low NOx Power Vent</td>
<td>14</td>
</tr>
<tr>
<td>ProLine® Master Atmospheric Vent</td>
<td>15</td>
</tr>
<tr>
<td>ProLine® Master Ultra-Low NOx</td>
<td>16</td>
</tr>
<tr>
<td>ProLine® High Capacity Atmospheric Vent</td>
<td>17</td>
</tr>
<tr>
<td>ProLine® Direct Vent</td>
<td>18</td>
</tr>
<tr>
<td>ProLine® Atmospheric Vent</td>
<td>19</td>
</tr>
<tr>
<td>ProLine® Mobile Home Atmospheric Vent</td>
<td>20</td>
</tr>
<tr>
<td>ProLine® Mobile Home Direct Vent</td>
<td>21</td>
</tr>
<tr>
<td>ProLine® Ultra-Low NOx</td>
<td>22</td>
</tr>
<tr>
<td>ProLine® Ultra-Low NOx Direct Vent</td>
<td>23</td>
</tr>
<tr>
<td>ProLine® Ultra-Low NOx High Capacity</td>
<td>24</td>
</tr>
<tr>
<td><strong>RESIDENTIAL HYBRID ELECTRIC</strong></td>
<td></td>
</tr>
<tr>
<td>Product Comparison Guide</td>
<td>25</td>
</tr>
<tr>
<td>ProLine® XE High Efficiency Hybrid Electric Heat Pump - 10-Year Warranty</td>
<td>26</td>
</tr>
<tr>
<td>ProLine® XE High Efficiency Hybrid Electric Heat Pump - 6-Year Warranty</td>
<td>27</td>
</tr>
<tr>
<td><strong>RESIDENTIAL ELECTRIC</strong></td>
<td></td>
</tr>
<tr>
<td>ProLine® XE Electronic Display</td>
<td>28</td>
</tr>
<tr>
<td>ProLine® Master Standard</td>
<td>29</td>
</tr>
<tr>
<td>ProLine® Standard</td>
<td>30</td>
</tr>
<tr>
<td>ProLine® Mobile Home</td>
<td>31</td>
</tr>
<tr>
<td>ProLine® Specialty Electric</td>
<td>32</td>
</tr>
<tr>
<td><strong>RESIDENTIAL TANKLESS</strong></td>
<td></td>
</tr>
<tr>
<td>Product Comparison Guide</td>
<td>33</td>
</tr>
<tr>
<td>ProLine® XE Tankless Condensing with Recirculation Pump</td>
<td>34</td>
</tr>
<tr>
<td>ProLine® XE Tankless Condensing High Efficiency</td>
<td>35-36</td>
</tr>
<tr>
<td>ProLine® XE Tankless Non-Condensing Concentric Vent</td>
<td>37</td>
</tr>
<tr>
<td>ProLine® XE Tankless Non-Condensing</td>
<td>38</td>
</tr>
<tr>
<td>ProLine® XE Tankless Non-Condensing Ultra-Low NOx</td>
<td>39</td>
</tr>
<tr>
<td><strong>RESIDENTIAL PUMP AND EXPANSION TANKS</strong></td>
<td></td>
</tr>
<tr>
<td>In-Line, Free-Standing and Horizontal</td>
<td>40</td>
</tr>
<tr>
<td>Potable and In-Line Hydronic</td>
<td>41</td>
</tr>
</tbody>
</table>
Commercial-Grade Components

**Blue Diamond® Glass Coating**
A patented commercial-grade formula that provides superior tank protection and corrosion resistance compared to the industry standard glass lining. Blue Diamond glass coating blend is formulated in the same lab that creates the protection for our commercial product line. Through our long history, we’ve learned that one size rarely fits all. That’s why we customize our signature formula to best meet the needs of every water heater we produce, ensuring long life no matter which model you choose.

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

**Enhanced-Flow Brass Drain Valve**
Our residential water heaters have a solid brass, tamper resistant, enhanced flow, ball type, drain valve.

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

**Self-Powered Electronic Gas Valve**
American 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.

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

**Commercial-Grade Electric Elements**
ProLine® Master electric products are outfitted with long-lasting stainless steel upper and lower elements that are modeled after those used in our commercial line.

**Heat Trap Nipples**
Helps mitigate standby heat loss. Factory-installed for faster installation.
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 an American residential water heater with a first hour rating that meets your requirements.

Residential Water Heater Selection Guide

TANK TYPE SIZING
To select the right American water heater for your home, you need to consider the size of your family and other factors that contribute to your First Hour Rating (FHR) Requirement. The charts below provide suggested American 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 SIZING
Average Ground Water Temperature

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

PEAK HOT WATER DEMAND
The next step is to determine how 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 American 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.
Introducing the ProLine® Family of Commercial-Grade Residential Water Heaters

When it comes to building a tough commercial-grade water heater, the keys to success are outstanding components and superior manufacturing capabilities. We’ve combined these two important elements to create the ProLine® family of commercial-grade residential water heaters. This wholesale-channel exclusive will give American Water Heaters’ contractors the ultimate advantage.
WHY PROFESSIONALS CHOOSE AMERICAN WATER HEATERS

EARN POINTS BY PURCHASING AMERICAN WATER HEATERS
It’s free and easy to participate. Enroll online at contractorrewards.com. Eligible products will have a yellow reward code label worth valuable points. Two ways to enter the codes:

1. Download the Contractor Rewards mobile app and scan the code.
2. Enter the code at contractorrewards.com.

Redeem your points on thousands of reward items.

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

AMERICAN PROVIDES 4 KEY THINGS TO HELP GROW YOUR BUSINESS AND BECOME MORE PROFITABLE.

1. Contractor Rewards™ Program
   Our program rewards our loyal contractors for buying our products. Buy more and get rewarded with prizes.

2. Contractor Advertising Tools
   Our Advertising Resource Center allows contractors to develop an easy, affordable and custom advertising campaign to promote their business. Go to www.americanwaterheater.com/ads.

3. Breadth of Product Line
   Residential or commercial, we have the most complete line from standard models to the most innovative high efficiency water heaters available.

4. Product Sales Tools
   We provide contractors access to the sales tools needed to close more sales.

Visit americanwaterheater.com/contractor to learn more.
**RESIDENTIAL GAS WATER HEATERS**
**PREMIUM FEATURES. COMMERCIAL-GRADE COMPONENTS.**

**PREMIUM FEATURES:**

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

*Select Heat Pump Water Heater models only.
Hot Water Output, Cost of Operation, & Installation Space Required estimated based on typical applications/installations.
For a more custom analysis of unique installations, visit www.americanwaterheater.com and use our product selector tool.
Energy Star® Qualified
Condensing Design
• Helical internal heat exchanger keeps hot combustion gases in the tank longer to extract more heat into the water.
• High efficiency operation with 0.88 UEF (94% Thermal Efficiency) which saves money on operating costs compared to a standard efficiency gas water heater.

Power Vent Design for Installation Versatility
• Helical internal heat exchanger achieves 94% thermal efficiency, which saves money on operating costs compared to a standard 80% efficient gas water heater.
• Power vent using PVC, CPVC, ABS or Polypropylene either thru-the-wall or thru-the-roof.

Side-Mounted Taps for Recirculating Systems
• Hot and cold “side taps” allow Premier Power Vent to be used for combination space/water heating applications.

Intelli-vent™ Gas Control with Silicon Nitride Hot Surface Ignitor
• Premium-grade hot surface ignitor eliminates standing pilot.
• Electronic circuitry provides superior system diagnostics capabilities plus extremely precise temperature controls.

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 IBC 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 americanwaterheater.com.

**INTELLI-VENT™ IS A REGISTERED TRADEMARK OF EMERSON ELECTRIC COMPANY.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>Thermal Efficiency</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>BTU Input Per Hour</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VG6250T76NV</td>
<td>50</td>
<td>48</td>
<td>124</td>
<td>0.88</td>
<td>94%</td>
<td>95%</td>
<td>76,000</td>
<td>68-3/4</td>
<td>22</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 (part number 100112380).
Nautilus™ Power Direct Vent

**Energy Star® Qualified**

**Advanced Electronic Control**

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

**Condensing Design**

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

**Power Direct Vent Design**

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

**Ultra-Low NOx**

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

**Side-Mounted Taps For Recirculating Systems**

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

**Code Compliance**

- Meets IBC and ICC National Codes.

**6-Year Limited Tank and Parts Warranty**

- For complete information, consult written warranty or americanwaterheater.com.

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**Model Information**

<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/50°C Rise Gallon Per Hour</th>
<th>BTU Input Per Hour</th>
<th>BTU Input Per Hour</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
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<tbody>
<tr>
<td>VG6250T100NV</td>
<td>50</td>
<td>49</td>
<td>100</td>
<td>0.88</td>
<td>96%</td>
<td>129 (488)</td>
<td>100,000</td>
<td>66-3/4</td>
<td>22</td>
<td>255</td>
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<tr>
<td>VG6275T100NV</td>
<td>75</td>
<td>74</td>
<td>130</td>
<td>0.86</td>
<td>96%</td>
<td>129 (488)</td>
<td>100,000</td>
<td>64-3/4</td>
<td>27-3/4</td>
<td>382</td>
</tr>
</tbody>
</table>

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Available in Propane (LP) gas. For Propane change NV to PV in the model number.
Models certified for sea level to 10,100 ft. elevation.
Optional condensate neutralizer kit available (part number 100112380).

**Intelli-Vent™** is a registered trademark of Emerson Electric Company
**Polaris® High Efficiency**

**Energy Star® Qualified**

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

**Condensing Design**
- Helical internal heat exchanger keeps hot combustion gases in the tank longer to extract more heat into the water.
- High efficiency operation with up to 0.90 UEF (96% Thermal Efficiency) which saves money on operating costs compared to a standard efficiency gas water heater.
- Modulating burner maintains high efficiency operation at lower input rates.

**Ultra-Low NOx**
- Meets IBC and ICC National Codes.

**Power Direct Vent Design**
- Direct vent using PVC, CPVC or Polypropylene either thru-the-wall or thru-the roof.

**Quiet Operation**
- Quiet blower and burner minimize noise.

**Optional Concentric Vent Kit**

**Advanced Electronic Control**
- Exclusive touch display control system.
- Precise temperature control.
- Built-in diagnostics and operational information.

**Code Compliance**
- Meets IBC and ICC National Codes.

**10-Year Limited Tank And 1-Year Limited Parts Warranty**
- For complete information, consult written warranty or go to americanwaterheater.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° Rise Gallon Per Hour</th>
<th>BTU/h Input Gallon Per Hour</th>
<th>Vent Size</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
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</thead>
<tbody>
<tr>
<td>PG10 34 100 2NV</td>
<td>34</td>
<td>33</td>
<td>179</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>22</td>
</tr>
<tr>
<td>PG10 34 130 2NV</td>
<td>34</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>96%</td>
<td>165</td>
<td>130,000</td>
<td>2 OR 3</td>
<td>48-1/2</td>
<td>22</td>
</tr>
<tr>
<td>PG10 34 150 2NV</td>
<td>34</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>94%</td>
<td>190</td>
<td>150,000</td>
<td>2 OR 3</td>
<td>48-1/2</td>
<td>22</td>
</tr>
<tr>
<td>PG10 50 130 2NV</td>
<td>50</td>
<td>N/A</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>22</td>
</tr>
<tr>
<td>PG10 50 150 2NV</td>
<td>50</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>95%</td>
<td>190</td>
<td>150,000</td>
<td>2 OR 3</td>
<td>63-3/4</td>
<td>22</td>
</tr>
<tr>
<td>PG10 50 175 3NV</td>
<td>50</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>96%</td>
<td>222</td>
<td>175,000</td>
<td>3</td>
<td>63-3/4</td>
<td>22</td>
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<tr>
<td>PG10 50 199 3NV</td>
<td>50</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>96%</td>
<td>253</td>
<td>199,000</td>
<td>3</td>
<td>63-3/4</td>
<td>22</td>
</tr>
</tbody>
</table>

Available in Propane (LP) gas. Specify when ordering Propane (LP) gas. Models certified for sea level to 7,700 ft. elevation.
Versatile Power Vent Design
• All models feature an exclusive 3-position rotatable blower outlet which adds flexibility.
• Combined horizontal and vertical runs up to 180 equivalent feet with 4" diameter venting (ABS, PVC, CPVC and polypropylene).

Quiet and Efficient Blower
• Factory-installed 6-foot power cord with standard 3-prong male connector provided.
• Electrical requirements; 110/120 VAC power source, less than 5 amp draw.

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

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 IBC & ICC National Codes.

6-Year Limited Tank and Parts Warranty
• For complete information, consult written warranty or go to americanwaterheater.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Series</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>UEF</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>BTU Input Gallon Per Hour</th>
<th>First Hour Rating (Gallons)</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVG62-40S40-NVS</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>59</td>
<td>49-5/8</td>
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<tr>
<td>PVG62-40T50-NVS</td>
<td>200</td>
<td>40</td>
<td>38</td>
<td>0.70</td>
<td>56</td>
<td>50,000</td>
<td>93</td>
<td>68-1/2</td>
<td>59-1/4</td>
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<tr>
<td>PVG62-50S40-NVS</td>
<td>200</td>
<td>50</td>
<td>49</td>
<td>0.72</td>
<td>45</td>
<td>40,000</td>
<td>93</td>
<td>60-1/8</td>
<td>50-3/4</td>
</tr>
<tr>
<td>PVG62-50T50-NVS</td>
<td>200</td>
<td>50</td>
<td>48</td>
<td>0.72</td>
<td>56</td>
<td>50,000</td>
<td>96</td>
<td>68-1/8</td>
<td>58-3/4</td>
</tr>
<tr>
<td>PVG62-50S62-NVS</td>
<td>200</td>
<td>50</td>
<td>50</td>
<td>0.73</td>
<td>69</td>
<td>62,000</td>
<td>108</td>
<td>61-1/8</td>
<td>52</td>
</tr>
<tr>
<td>†PVG62-75T76-NV</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>70-5/8</td>
<td>61-1/4</td>
</tr>
</tbody>
</table>

Available in propane (LP) gas. Specify when ordering propane (LP) gas.
Side connections are standard on PVG62-50S62-NVS and PVG62-75T76-NVS.
All models certified from sea level to 10,100 ft. elevation.
†PVG62-75T76-NV is not ENERGY STAR® Qualified.
ProLine® XE Non-Condensing Power Direct Vent

Power Direct Vent Design
- Combined horizontal and vertical 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.

Quiet and Efficient Blower
- Factory-installed 6-foot power cord with standard 3-prong male connector provided.
- Electrical requirements; 110/120 VAC power source, less than 5 amp draw.

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 ICC & IBC National Codes.

Design-Listed By CSA Group
- Certified at 300 psi test pressure and 150 psi working pressure.
- Listed according to ANSI Z21.21.10.1-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 americanwaterheater.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Series</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>NG Input Per Hour Propane</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDVG62-40S40-NV</td>
<td>200</td>
<td>40</td>
<td>38</td>
<td>74</td>
<td>0.68</td>
<td>40,000</td>
<td>45</td>
<td>Height to Top of Blower: 58-1/4</td>
<td>49-5/8</td>
</tr>
<tr>
<td>PDVG62-50T45-NV</td>
<td>200</td>
<td>50</td>
<td>48</td>
<td>81</td>
<td>0.72</td>
<td>45,000</td>
<td>50</td>
<td>Height to Top of Tank: 67-1/2</td>
<td>58-3/4</td>
</tr>
<tr>
<td>PDVG62-50T62-NV</td>
<td>200</td>
<td>50</td>
<td>48</td>
<td>118</td>
<td>0.73</td>
<td>62,000*</td>
<td>73</td>
<td>Height to Top of Tank: 69</td>
<td>60-1/4</td>
</tr>
<tr>
<td>PDVG62-75T76-NV</td>
<td>210</td>
<td>75</td>
<td>72</td>
<td>129</td>
<td>0.68</td>
<td>76,000</td>
<td>82</td>
<td>Heights to Top: 70-5/8</td>
<td>61-1/2</td>
</tr>
</tbody>
</table>

**Propane model has input of 58,00 BTU/hr. Available in propane (LP) gas, Specify when ordering propane (LP) gas. Side connections standard on 50T62 and 75T76 models. Side connections available on 40S40 and 50T45 models. † PDVG62-75T76-NV is not ENERGY STAR® Qualified. All models are certified from sea level to 10,100 ft. elevation.
Energy Star® Qualified Automatic Flue Damper

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

Electronic Gas Control Diagnostics

Electronic Ignition

Self-Cleaning Dip Tube

Green Choice® Gas Burner

- Patented eco-friendly gas 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 IBC & 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

Design-Certified By CSA Group

- Certified at 300 psi test pressure and 150 psi working pressure.
- Listed according to ANSI Z21.10.1 - CSA 4.1 standards governing storage tanktype water heaters.

6-Year Limited Tank and Parts Warranty

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

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Storage Volume</th>
<th>First Hour Rating</th>
<th>UEF</th>
<th>BTU Input</th>
<th>Recovery @ 90°F Rise</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>Gallon Per Hour</td>
<td>Gallon Per Hour</td>
<td>Height to Top of Draft Hood</td>
<td>Height to Top of Tank</td>
</tr>
<tr>
<td>FDG62-40T40-3NOV</td>
<td>40</td>
<td>38</td>
<td>70</td>
<td>0.64</td>
<td>40,000</td>
<td>42</td>
<td>64-1/4</td>
<td>58-1/4</td>
</tr>
<tr>
<td>FDG62-50T40-3NOV</td>
<td>50</td>
<td>48</td>
<td>84</td>
<td>0.69</td>
<td>40,000</td>
<td>42</td>
<td>63-1/2</td>
<td>57-1/4</td>
</tr>
<tr>
<td>FDG62-40S40-3NOV</td>
<td>40</td>
<td>38</td>
<td>65</td>
<td>0.66</td>
<td>40,000</td>
<td>42</td>
<td>54</td>
<td>47-3/4</td>
</tr>
<tr>
<td>FDG62-50S40-3NOV</td>
<td>50</td>
<td>49</td>
<td>78</td>
<td>0.69</td>
<td>40,000</td>
<td>42</td>
<td>55-3/4</td>
<td>49-1/2</td>
</tr>
</tbody>
</table>

*FDG62-50S40-3NOV available in natural gas only. All other models available in propane (LP) gas.

Requires 120V AC power supply.

Water connection is ¾˝ on all models.

When ordering top-mounted T&P, change suffix to NO (example: FDG62-50S40-3NO).

All models are certified to 10,100 ft. elevation.

Available in propane (LP) gas. Specify when ordering propane (LP) gas.
ProLine® XE High Efficiency
Non-Condensing Ultra-Low NOx Flue Damper

Energy Star® Efficiency
- Eco-friendly non-CFC foam insulation and an automatic flue damper increase efficiency to provide maximum household annual operating cost savings.

Green Choice® Gas Burner
- Enhanced Ultra-Low NOx burner complies with SCAQMD Rule 1121 and other air quality management districts with similar requirements for NOx emissions of less than 10ng/J.

Electronic Gas Control
Self-Cleaning Dip Tube
Coregard™ Anode Rod
Blue Diamond® Glass Coating
Enhanced-Flow Brass Drain Valve
Requires 120V power 19.5’ cord included

Code Compliance
- Meets IBC & 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

CSA and Design-Certified by CSA Group
- Certified at 300 psi test pressure and 150 psi working pressure.
- Listed according to AANSI 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 americanwaterheater.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/Hour)</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>GUF-62-40T40</td>
<td>40</td>
<td>38</td>
<td>68</td>
<td>0.65</td>
<td>40,000</td>
<td>42</td>
<td>64-1/4</td>
<td>3 or 4</td>
</tr>
<tr>
<td>GUF-62-50T40</td>
<td>50</td>
<td>48</td>
<td>83</td>
<td>0.70</td>
<td>40,000</td>
<td>42</td>
<td>63-1/2</td>
<td>3 or 4</td>
</tr>
</tbody>
</table>

Requires 120VAC power supply located within 19ft of the heater. Water connection is 3/4” on all models. Standard top T&P specify when ordering side T&P. All models are certified from sea level to 7,800ft elevation.
ProLine® XE Ultra-Low NOx Power Vent

Power Venting Made Simple
- Thru-the-Wall of 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 standard 3-prong male connector provided. Electrical requirements; 110/120 VAC power source, less than 5 amp draw.

Self-Cleaning Dip Tube
- Reduces lime and sediment buildup and maximizes hot water output. Made from long-lasting PEX cross-linked polymer.

Coregard™ Anode Rod

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

Enhanced-Flow Brass Drain Valve

Code Compliance
- Meets IBC & ICC National Codes.

6-Year Limited Tank And Parts Warranty
- For complete information, consult written warranty or go to americanwaterheater.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 Gallon Per Hour</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UPVG62-40T42-NV</td>
<td>40</td>
<td>38</td>
<td>76</td>
<td>0.70</td>
<td>42.6</td>
<td>42,000</td>
<td>20</td>
<td>66-7/8</td>
</tr>
<tr>
<td>UPVG62-50T42-NV</td>
<td>50</td>
<td>48</td>
<td>71</td>
<td>0.65</td>
<td>42.6</td>
<td>42,000</td>
<td>22</td>
<td>65-5/8</td>
</tr>
</tbody>
</table>

No option available for top T&P valve.
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 Nipple
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 iBC & ICC National Codes.

Design-Certified By CSA Group
- 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 americanwaterheater.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>
</tr>
</thead>
<tbody>
<tr>
<td>Tall Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G82-40T40R</td>
<td>40</td>
<td>38</td>
<td>80</td>
<td>0.66</td>
<td>40,000</td>
<td>36,000</td>
<td>42</td>
<td>61-3/4</td>
<td>58-1/4</td>
<td>20</td>
<td>3 OR 4</td>
<td>138</td>
</tr>
<tr>
<td>G81-50T40R</td>
<td>50</td>
<td>48</td>
<td>81</td>
<td>0.62</td>
<td>40,000</td>
<td>37,000</td>
<td>41</td>
<td>60-3/4</td>
<td>57-1/4</td>
<td>21</td>
<td>3 OR 4</td>
<td>148</td>
</tr>
<tr>
<td>G82-50T40R</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>G82-50T50*</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>
</tr>
<tr>
<td>G82-55T60*</td>
<td>55</td>
<td>55</td>
<td>83</td>
<td>0.62</td>
<td>60,000</td>
<td>54,000</td>
<td>65</td>
<td>59-3/4</td>
<td>55-1/4</td>
<td>24</td>
<td>4</td>
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<td>Short Models</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G82-40S40R</td>
<td>40</td>
<td>38</td>
<td>67</td>
<td>0.59</td>
<td>40,000</td>
<td>36,000</td>
<td>41</td>
<td>51-1/2</td>
<td>48</td>
<td>22</td>
<td>3 OR 4</td>
<td>135</td>
</tr>
<tr>
<td>G82-50S40</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>

*Optional side-mounted recirculating taps.
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 Factor (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 IBC & ICC National Codes.

Design-Certified by CSA Group
- 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 americanwaterheater.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>GU81-40T40R</td>
<td>40</td>
<td>38</td>
<td>72</td>
<td>0.55</td>
<td>40,000</td>
<td>41</td>
<td>62</td>
<td>58-1/4</td>
</tr>
<tr>
<td>GU82-40T40R</td>
<td>40</td>
<td>38</td>
<td>81</td>
<td>0.64</td>
<td>40,000</td>
<td>41</td>
<td>62</td>
<td>58-1/4</td>
</tr>
<tr>
<td>GU81-50T40R</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</td>
</tr>
<tr>
<td>GU82-50T40R</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</td>
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<tr>
<td>GU82-50T50*</td>
<td>50</td>
<td>48</td>
<td>91</td>
<td>0.60</td>
<td>50,000</td>
<td>51</td>
<td>61</td>
<td>57-1/2</td>
</tr>
<tr>
<td>GU82-40S40</td>
<td>40</td>
<td>38</td>
<td>72</td>
<td>0.57</td>
<td>40000</td>
<td>41</td>
<td>51-1/2</td>
<td>47-3/4</td>
</tr>
</tbody>
</table>

All models may be ordered from the factory with top T&P valve as an option.
*Side loop connections are standard on model GU82-50T50.
All models approved for installation from sea level to 10,100 ft. elevation.
Highest Recoveries
• Capacity/input combinations up to 98 gallons/75,000 BTU’s to produce recoveries of up to 81 gallons per hour.

The Electronic Gas Control Incorporates An LED Status Indicator That Monitors System Operation And Service Diagnostics

Green Choice® Gas Burner
• Patented eco-friendly 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
Blue Diamond® Glass Coating
Enhanced-Flow Brass Drain Valve

Code Compliance
• Meets IBC & 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.

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

Maximum Hydrostatic Working Pressure 150 PSI

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

6-Year Limited Tank and Parts Warranty
• For complete information, consult written warranty or americanwaterheater.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>BTU Input Natural Gas</th>
<th>Recovery @ 90°F Rise Per Hour</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>G62-75T75-4NOV</td>
<td>74</td>
<td>71</td>
<td>0.60</td>
<td>125</td>
<td>75,100</td>
<td>81</td>
<td>58-1/2</td>
<td>26-1/2</td>
</tr>
<tr>
<td>G62-100T77-4NOV</td>
<td>98</td>
<td>95</td>
<td>0.58</td>
<td>170</td>
<td>75,100</td>
<td>81</td>
<td>66-1/2</td>
<td>27-3/4</td>
</tr>
</tbody>
</table>

Water connection is 1” male NPT on the G62-100T77-4NOV and 1-1/4” on the G62-75T75-4NOV.
For 10-year tank & 10-year parts limited warranty, change “6” to “10” in the model number (example: G102-75T75-4NOV).
All models certified from sea level to 7,700 ft. elevation.
All models available in propane (LP) gas. Specify when ordering.
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 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 IBC & 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

Design-Certified by CSA Group
- 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 americanwaterheater.com.

---

### Table: ProLine® Direct Vent 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>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVG62-40S38-NOV</td>
<td>40</td>
<td>39</td>
<td>64</td>
<td>0.60</td>
<td>38,000</td>
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<td>64</td>
<td>49-3/4</td>
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<td>DVG62-50T40-NOV</td>
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<td>0.66</td>
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<td>47,000</td>
<td>51</td>
<td>74</td>
<td>60</td>
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</tbody>
</table>

Dual-channel system has 3” vent pipe inside 6” air intake pipe.
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 40S38-NOLV.
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 IBC & ICC National Codes.

Design-Certified by CSA Group
- 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 americanwaterheater.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Gallon Capacity</th>
<th>Rated Storage Volume (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>
</tr>
</thead>
<tbody>
<tr>
<td>Tall Models</td>
<td></td>
<td></td>
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<td>60-1/2</td>
<td>58</td>
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<td>65-1/2</td>
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Short Models
<table>
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<tr>
<th>Model Number</th>
<th>Nominal Gallon Capacity</th>
<th>Rated Storage Volume (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>
</tr>
</thead>
<tbody>
<tr>
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<td>68</td>
<td>0.58</td>
<td>35,500</td>
<td>32,000</td>
<td>37</td>
<td>50</td>
<td>46-1/2</td>
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<td>3 or 4</td>
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<td>52</td>
<td>0.60</td>
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<td>29,000</td>
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<td>49 1/4</td>
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<td>68</td>
<td>0.57</td>
<td>40,000</td>
<td>36,000</td>
<td>41</td>
<td>51-1/2</td>
<td>48</td>
<td>20</td>
<td>3 or 4</td>
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<tr>
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<td>0.57</td>
<td>40,000</td>
<td>36,000</td>
<td>41</td>
<td>52-1/2</td>
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<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>
</tr>
</tbody>
</table>

Water connection is 3/4˝ on all models. All models available in propane (LP) gas. †Models ship with supplied insulation blanket. For 10-year tank & 10-year parts limited warranty, change “6” to “10: in the model number. Example: G102-40T40R. *Optional side-mounted recirculating taps. All models approved for installation from sea level to 10,100 ft. elevation.
Complies with HUD Standards for Manufactured Housing Installation

Gas Control Convertible for Natural and Propane Gas

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

Top Water Connections
(3/4” male)

Green Choice® Gas Burner

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

Coregard™ Anode Rod

Blue® Diamond Glass Coating

Enhanced-Flow Brass Drain Valve

Code Compliance

- Meets IBC, ICC and HUD National Codes.

Design-Certified by CSA Group

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

CSA Certified and ASME Rated T&P Relief Valve

6-Year Limited Tank and Parts Warranty

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

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>BTU Input Per Hour Natural Gas</th>
<th>BTU Input Per Hour Propane Gas</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>Dimensions in Inches</th>
<th>Draft Hood Outlet</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MHG62-30T30</td>
<td>30</td>
<td>29</td>
<td>56</td>
<td>0.59</td>
<td>30,000</td>
<td>29,000</td>
<td>31</td>
<td>Height to Top of Draft</td>
<td>Height to Top of Tank</td>
<td>Diameter</td>
</tr>
<tr>
<td>MHG62-40T40</td>
<td>40</td>
<td>38</td>
<td>69</td>
<td>0.56</td>
<td>40,000</td>
<td>36,000</td>
<td>41</td>
<td>Height to Top of Draft</td>
<td>Height to Top of Tank</td>
<td>Diameter</td>
</tr>
</tbody>
</table>

All models ship from the factory for use with natural gas. A complete propane (LP) burner is supplied for converting to propane gas. All models are certified from sea level to 10,100 ft. elevation. No option available for top T&P.
Complies With HUD Standards for Manufactured Housing Installation

Gas Control Convertible for Natural and Propane Gas
- For flexibility to meet the varying needs of manufactured housing installations.

Direct Vent Models Package with Bottom Intake Air Vent
- To draw all combustion make-up air from outside the structure.

Optional Ducted Air Inlet Kit for Direct Vent Models
- For use when water heater is installed over a basement.
- Provisions for horizontal air inlet ducting.

Side-Mounted ¾” Cold Water Inlet

Green Choice® Gas Burner
- Patented eco-friendly burner design reduces NOx emissions up to 33% and complies with Low-NOx emission requirements of less than 40 ng/J.

Self-cleaning dip tube

Coregard™ Anode Rod

Enhanced-Flow Brass Drain Valve

Blue Diamond® Glass Coating

Code Compliance
- Meets IBC, ICC National Codes.

Design-Certified by CSA Group
- Certified at 300 psi test pressure and 150 psi working pressure.
- Listed according to ANSI Z21.10.1-CSA 4.1 standards governing storage tank-type gas water heaters.

CSA Certified and ASME Rated T&P Relief Valve

6-Year Limited Tank and 2-Year Parts Warranty
- For complete information, consult written warranty or americanwaterheater.com

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity (Gallons)</th>
<th>Rated Storage Volume (Gallons)</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>Btu Input Per Hour Natural Gas</th>
<th>Btu Input Per Hour Propane</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>Dimensions in Inches</th>
<th>Height to Top of Vent Connection</th>
<th>Height to Top of Tank</th>
<th>Diameter (inches)</th>
<th>Vent Outlet (inches)</th>
<th>Approx. Shipping Weight (lbs)</th>
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<tbody>
<tr>
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<td>0.61</td>
<td>30,000</td>
<td>29,000</td>
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<td>61</td>
<td>58</td>
<td>18</td>
<td>3</td>
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<td>129</td>
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<tr>
<td>MHDV-62-40T32-3NV</td>
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<td>57</td>
<td>0.59</td>
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<td>61-3/4</td>
<td>58-3/4</td>
<td>20</td>
<td>3</td>
<td></td>
<td>153</td>
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<td>MHDV-62-50T40-3NV</td>
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<td>67</td>
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<td>40,000</td>
<td>37,000</td>
<td>39</td>
<td>60</td>
<td>57</td>
<td>22</td>
<td>3</td>
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<td>168</td>
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</table>

All models ship from the factory for use with natural gas, a complete propane burner is supplied for converting to propane gas.
No option available for top T&P.
Water connections-3/4” on all models.
All models approved for installation from sea level to 5,400 ft. elevation.
The electronic gas control incorporates an LED status indicator that monitors system operation and service diagnostics.

**High Uniform Energy Factor (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 IBC & ICC National Codes.

**Design-Certified by CSA Group**
- Certified at 300 psi test pressure and 150 psi working pressure.
- Listed according to ANSI Z21.10-1-CSA 4.1 standards governing storage tank-type gas water heaters.

**CSA Certified and ASME Rated T&P Relief Valve**

**6-Year Limited Tank and Parts Warranty**
- For complete information, consult written warranty or americanwaterheater.com.

### Model Parameters

<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><strong>Tall Models</strong></td>
<td></td>
<td></td>
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<td>61-3/4</td>
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<td>GU62-30T30</td>
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<td>67</td>
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<td>30,000</td>
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<td>60</td>
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<td>58-1/4</td>
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<tr>
<td>GU62-40T40R</td>
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<td>81</td>
<td>0.64</td>
<td>40,000</td>
<td>41</td>
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<td>40,000</td>
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<td>57-1/4</td>
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<td>91</td>
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<td>40,000</td>
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<td>91</td>
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<td>61</td>
<td>57-1/2</td>
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<td>72</td>
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<td>40,000</td>
<td>41</td>
<td>51-1/2</td>
<td>47-3/4</td>
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</table>

All models may be ordered from the factory with top T&P valve as an option.

*Side loop connections are standard on model GU62-50T50.
Models with a ring base (GU62-40S40 and GU61-30T30) are certified from sea level to 7,700 ft. elevation.
For 10-year tank & 10-year parts limited warranty, change "6" to "10" in the model number. Example: GU102-40T40.
**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.
- **¾” Top Water Connections and Side Space Heating Connections**
- **½” 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 IBC & ICC National Codes.
- **CSA Certified and ASME Rated T&P Relief Valve**
- **Design-Certified by CSA Group**
  - 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 americanwaterheater.com.

### Specifications

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>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>DVUG62-40S36-NV</td>
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<td>36,000</td>
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<td>Height to Top of Draft Hood: 65-1/4</td>
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<td>38,000</td>
<td>41</td>
<td>Height to Top of Tank: 50-1/2</td>
<td>193</td>
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</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® Ultra-Low NOx High Capacity

Fully Automatic Controls with Safety Shutoff

Heavy Gauge Steel Jacket

Blue Diamond® Glass Coating

Foam Insulation

Ultra-Low NOx Emissions

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

Easy-to-Install

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

Coregard™ Anode Rod

- Our anode rods have a stainless steel core that extends the life of the anode rod, allowing superior tank protection far longer than standard anode rods.

Maximum Pressure

- 150 psi.

Maximum Gas Inlet Pressure

- 14”W.C.

Code Compliance

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

Design-Certified by CSA Group

- Certified at 300 psi test pressure and 150 psi working pressure.
- Listed according to ANSI Z21.10-1-CSA 4.1 standards governing storage tank-type gas water heaters.

CSA Certified and ASME Rated T&P Relief Valve

6-Year Limited Tank and Parts Warranty

- For complete information, consult written warranty or americanwaterheater.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>Recovery at 90°F Rise 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>UG62-75T75-4NV**</td>
<td>74</td>
<td>71</td>
<td>102</td>
<td>0.64</td>
<td>81</td>
<td>75,100</td>
<td>Height to Top of Draft Hood</td>
<td>Depth</td>
</tr>
<tr>
<td>UG62-100T75-4NV†*</td>
<td>98</td>
<td>95</td>
<td>120</td>
<td>0.58</td>
<td>82</td>
<td>75,100</td>
<td>62-1/16</td>
<td>29-1/2</td>
</tr>
</tbody>
</table>

*Recovery rating based on 81% thermal efficiency.

**Recovery rating based on 80% thermal efficiency.

† The UG62-75T75-4NV comes standard with side loop fittings for use with hydronic heating applications.

For 10-year tank & 10-year parts limited warranty, change “6” to “10” in the model number. Example: UG102-75T75-4NV.
### PREMIUM FEATURES:

<table>
<thead>
<tr>
<th>Feature</th>
<th>PROLINE®</th>
<th>PROLINE® MASTER</th>
<th>PROLINE® XE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating Cost</strong></td>
<td>$$$</td>
<td>$$</td>
<td>$</td>
</tr>
<tr>
<td><strong>Installation Space Required</strong></td>
<td>3 to 5</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><strong>Warranty (Years)</strong></td>
<td>6</td>
<td>8</td>
<td>6-10</td>
</tr>
<tr>
<td>Blue Diamond® Glass Coating</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>DynaClean™ Automatic Sediment-Cleaning System</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Heat Trap Nipples</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Enhanced Flow Brass Drain Valve</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>CoreGard™ Advanced Anode Rod Protection</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Energy Star® Qualified*</td>
<td>●</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electronic User Interface*</td>
<td>●</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industry Leading Efficiency*</td>
<td>●</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Select Heat Pump Water Heater models only. Hot Water Output, Cost of Operation, & Installation Space Required estimated based on typical applications/installations. For a more custom analysis of unique installations, visit americanwaterheater.com and use our product selector tool.
ProLine® XE High Efficiency
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 Uniform Energy Factor Rating conserves energy and meets ENERGY STAR® qualifications

Dual Voltage Capable
- 208/240 VAC 60Hz capable for use in almost any residential installation.

Choice of Operating Modes
- Select from efficiency, hybrid, or electric modes to match heating requirements to environmental conditions and hot water demand.
- Hybrid mode automatically adjusts between compressor and element, depending upon heat requirements.
- Vacation mode reduces operating costs and provides freeze protection during extended absence

Backup Electric Elements
- Long-lasting 4500W backup heating elements help heat water according to environmental conditions, demand, and the chosen operating modes.

Dry Fire Protection
- Control system ensures the tank is full of water during start up to prevent dry firing the heating elements

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

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

10-Year Limited Tank and Parts Warranty
- For complete information, consult written warranty or americanwaterheater.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>HPHE10250H045DVN</td>
<td>50</td>
<td>46</td>
<td>3.45</td>
<td>66</td>
<td>63</td>
<td>40-5/8</td>
</tr>
<tr>
<td>HPHE10266H045DVN</td>
<td>66</td>
<td>67</td>
<td>3.45</td>
<td>79</td>
<td>61</td>
<td>38</td>
</tr>
<tr>
<td>HPHE10280H045DVN</td>
<td>80</td>
<td>82</td>
<td>3.45</td>
<td>86</td>
<td>69</td>
<td>46</td>
</tr>
</tbody>
</table>

Requires 30 amp breaker.
Top T&P option not available on these models.
ProLine® XE High Efficiency
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 Uniform Energy Factor Rating conserves energy and meets ENERGY STAR® qualifications

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• Advanced diagnostics convey error messages for service purposes. The last four error messages are saved in the control system memory.

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

6-Year Limited Tank and Parts Warranty
• For complete information, consult written warranty or americanwaterheater.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>HPHE6250H045DV</td>
<td>50</td>
<td>46</td>
<td>3.42</td>
<td>66</td>
<td>Height to Top of Tank: 63; Height to T&amp;P: 40-5/8; Diameter: 22</td>
<td>196</td>
</tr>
<tr>
<td>HPHE6266H045DV</td>
<td>66</td>
<td>67</td>
<td>3.35</td>
<td>79</td>
<td>Height to Top of Tank: 61; Height to T&amp;P: 38; Diameter: 27</td>
<td>289</td>
</tr>
<tr>
<td>HPHE6280H045DV</td>
<td>80</td>
<td>82</td>
<td>3.45</td>
<td>84</td>
<td>Height to Top of Tank: 69; Height to T&amp;P: 46; Diameter: 27</td>
<td>307</td>
</tr>
</tbody>
</table>

Requires 30 amp breaker.
Top T&P option not available on this model.
Electronic User Interface
- Touchscreen display.
- Multiple operating modes help save money.
  - Energy saver and vacation modes available.
- Diagnostic feedback.
- Dry fire protection.

Enhanced Heating Elements
- Dual 5500 watt elements for the fastest recovery and reliable operation.
- Incoloy stainless steel elements last longer than standard copper elements.

Enhanced-Flow Brass Drain Valve

Code Compliance
- Meets IBC, ICC National Codes.

Approved for Manufactured Housing
- All residential electric water heaters are compliant with HUD standards for mobile homes/manufactured housing

Design-Listed by Underwriters Laboratories
- Certified at 300 psi test pressure and 150 psi working pressure.
- Listed according to UL 174 standards governing storage tank-type electric water heaters.

CSA Certified and ASME Rated T&P Relief Valve

10-Year Limited Tank and Parts Warranty
- For complete information, consult written warranty or americanwaterheater.com

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating</th>
<th>UEF</th>
<th>Recovery @ 90°F Rise</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>Gallon Per Hour</td>
<td>Standard</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>
<td>Maximum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EG10N-40H</td>
<td>40</td>
<td>36</td>
<td>59</td>
<td>0.93</td>
<td>25</td>
<td>5500</td>
<td>5500</td>
<td>60-1/4</td>
</tr>
<tr>
<td>EG10N-50H</td>
<td>50</td>
<td>45</td>
<td>67</td>
<td>0.93</td>
<td>25</td>
<td>5500</td>
<td>5500</td>
<td>60-1/2</td>
</tr>
<tr>
<td>EG10N-55H</td>
<td>55</td>
<td>55</td>
<td>72</td>
<td>0.92</td>
<td>25</td>
<td>5500</td>
<td>5500</td>
<td>56-1/2</td>
</tr>
<tr>
<td>Short Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard</td>
<td>Height to Top of Tank</td>
<td>Height to T&amp;P</td>
</tr>
<tr>
<td>EG10N-40R</td>
<td>40</td>
<td>37</td>
<td>54</td>
<td>0.92</td>
<td>25</td>
<td>5500</td>
<td>5500</td>
<td>49 3/4</td>
</tr>
<tr>
<td>EG10N-50R</td>
<td>50</td>
<td>46</td>
<td>66</td>
<td>0.92</td>
<td>25</td>
<td>5500</td>
<td>5500</td>
<td>49-1/4</td>
</tr>
</tbody>
</table>

3/4” water connections on 8” center. Top-mounted T&P valve not available. Only available for 240V or 208V applications. Equipped as dual element only, no single element configurations available. Minimum wattage available is 4,500 watt elements. When ordering models ES10N-50H or ES10N-50R with 4,500 watt elements the model number will include a “W” suffix (example: ES10N-50RW)
Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.
ProLine® Master

ProLine® Master Standard

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.

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 IBC, ICC National Codes.

Approved for Manufactured Housing
- All residential electric water heaters are compliant with HUD standards for mobile homes/ manufactured housing.

Design-Listed by Underwriters Laboratories
- Certified at 300 psi test pressure and 150 psi working pressure.
- Listed according to UL 174 standards governing storage tank-type electric water heaters.

CSA Certified and ASME Rated T&P Relief Valve

8-Year Limited Tank and Parts Warranty
- For complete information, consult written warranty or americanwaterheater.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</th>
<th>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 3500 6000</td>
<td>4500</td>
<td>3500</td>
<td>Maximum 61-1/4</td>
<td>61-1/4</td>
</tr>
<tr>
<td>E8N-40H</td>
<td>40</td>
<td>36</td>
<td>53</td>
<td>0.92</td>
<td>Standard 4500 6000 @ 3000</td>
<td>4500</td>
<td>3500</td>
<td>Maximum 53-1/4</td>
<td>53-1/4</td>
</tr>
<tr>
<td>E8N-50H</td>
<td>50</td>
<td>46</td>
<td>62</td>
<td>0.92</td>
<td>Standard 4500 6000</td>
<td>4500</td>
<td>3500</td>
<td>Maximum 60-1/2</td>
<td>60-1/2</td>
</tr>
<tr>
<td>E8N-50HW</td>
<td>50</td>
<td>46</td>
<td>62</td>
<td>0.88</td>
<td>Standard 1000 2500</td>
<td>-</td>
<td>1000</td>
<td>Maximum 51-1/4</td>
<td>51-1/4</td>
</tr>
<tr>
<td>E8N-55H</td>
<td>55</td>
<td>55</td>
<td>72</td>
<td>0.93</td>
<td>Standard 4500 6000 @ 3000</td>
<td>4500</td>
<td>3500</td>
<td>Maximum 56-1/2</td>
<td>56-1/2</td>
</tr>
<tr>
<td>Short Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard 4500 6000</td>
<td>4500</td>
<td>3500</td>
<td>Maximum 48-1/2</td>
<td>48-1/2</td>
</tr>
<tr>
<td>E8N-40R</td>
<td>40</td>
<td>37</td>
<td>55</td>
<td>0.92</td>
<td>Standard 4500 6000</td>
<td>4500</td>
<td>3500</td>
<td>Maximum 50</td>
<td>50</td>
</tr>
<tr>
<td>E8N-40RW</td>
<td>40</td>
<td>37</td>
<td>55</td>
<td>0.92</td>
<td>@ 1000 4000</td>
<td>4500</td>
<td>3500</td>
<td>Maximum 50</td>
<td>50</td>
</tr>
<tr>
<td>E8N-50R</td>
<td>50</td>
<td>46</td>
<td>57</td>
<td>0.92</td>
<td>Standard 4500 6000</td>
<td>4500</td>
<td>3500</td>
<td>Maximum 49-3/4</td>
<td>49-3/4</td>
</tr>
</tbody>
</table>

Male 3/4” water connections on 8” center.
Models requiring a lower wattage than what is listed in the minimum wattage column and showing the @ symbol, will change to a “W” suffix model number.
“W” suffix models are available down to 1kW (example: E8N-40R using 4,000 watt elements or less will become “E8N-40RW”).
Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.
### ProLine® Standard

#### Enhanced Heating Elements
- Dual 4500 watt elements for faster recovery and reliable operation.
- Incoloy stainless steel lower element lasts longer than standard copper elements.

#### High Uniform Energy Factor (UEF)

#### Self-Cleaning Dip Tube

#### Coregard™ Anode Rod

#### Code Compliance
- Meets IBC, ICC National Codes.

#### Approved for Manufactured Housing
- All residential electric water heaters are compliant with HUD standards for mobile homes/ manufactured housing.

#### Design-Listed by Underwriters Laboratories
- Certified at 300 psi test pressure and 150 psi working pressure.
- Listed according to UL 174 standards governing storage tank-type electric water heaters.

#### CSA Certified and ASME Rated T&P Relief Valve

#### 6-Year Limited Tank and Parts Warranty
- For complete information, consult written warranty or go to americanwaterheater.com.

---

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume (Gallons)</th>
<th>First Hour Rise Gallon Per Hour</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>
<td></td>
<td></td>
<td></td>
<td>Standard</td>
<td>Minimum</td>
<td>Maximum</td>
</tr>
<tr>
<td>E6N-30H</td>
<td>30</td>
<td>27</td>
<td>48</td>
<td>0.89</td>
<td>21</td>
<td>4500</td>
<td>1000</td>
<td>6000</td>
</tr>
<tr>
<td>E6N-40H</td>
<td>40</td>
<td>36</td>
<td>53</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>3500</td>
<td>6000</td>
</tr>
<tr>
<td>E6N-50H</td>
<td>50</td>
<td>46</td>
<td>62</td>
<td>0.92</td>
<td>21</td>
<td>4500 @ 3000</td>
<td>6000</td>
<td>60-1/2</td>
</tr>
<tr>
<td>E6N-50HW</td>
<td>50</td>
<td>46</td>
<td>45</td>
<td>0.92</td>
<td>17</td>
<td>4500 @ 3000</td>
<td>6000</td>
<td>56-1/2</td>
</tr>
<tr>
<td>E6N-55H</td>
<td>55</td>
<td>55</td>
<td>72</td>
<td>0.93</td>
<td>21</td>
<td>4500</td>
<td>2500</td>
<td>6000</td>
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</table>

**Short Models**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume (Gallons)</th>
<th>First Hour Rise Gallon Per Hour</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>E6N-30RB*</td>
<td>30</td>
<td>27</td>
<td>50</td>
<td>0.90</td>
<td>21</td>
<td>4500</td>
<td>1000</td>
<td>6000</td>
</tr>
<tr>
<td>E6N-30R</td>
<td>30</td>
<td>27</td>
<td>47</td>
<td>0.90</td>
<td>21</td>
<td>4500</td>
<td>1000</td>
<td>6000</td>
</tr>
<tr>
<td>E6N-40R</td>
<td>40</td>
<td>37</td>
<td>55</td>
<td>0.92</td>
<td>21</td>
<td>4500 @ 4500</td>
<td>6000</td>
<td>49-3/4</td>
</tr>
<tr>
<td>E6N-40RW</td>
<td>40</td>
<td>37</td>
<td>41</td>
<td>0.92</td>
<td>18</td>
<td>-</td>
<td>1000</td>
<td>4000</td>
</tr>
<tr>
<td>E6N-50R</td>
<td>50</td>
<td>46</td>
<td>57</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>2500</td>
<td>6000</td>
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</tbody>
</table>

**Lowboy Top Connect Models**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume (Gallons)</th>
<th>First Hour Rise Gallon Per Hour</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>E6N-20L</td>
<td>19.9</td>
<td>19</td>
<td>N/A</td>
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</tr>
<tr>
<td>E6N-30LB*</td>
<td>28</td>
<td>26</td>
<td>43</td>
<td>0.89</td>
<td>21</td>
<td>4500</td>
<td>1000</td>
<td>6000</td>
</tr>
<tr>
<td>E6N-30L</td>
<td>28</td>
<td>26</td>
<td>44</td>
<td>0.90</td>
<td>21</td>
<td>4500</td>
<td>1000</td>
<td>6000</td>
</tr>
<tr>
<td>E6N-36L</td>
<td>36</td>
<td>33</td>
<td>51</td>
<td>0.92</td>
<td>21</td>
<td>4500 @ 4500</td>
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<tr>
<td>E6N-36LW</td>
<td>36</td>
<td>33</td>
<td>37</td>
<td>0.92</td>
<td>18</td>
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<td>4000</td>
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<tr>
<td>E6N-40L</td>
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<td>6000</td>
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<tr>
<td>E6N-40LB*</td>
<td>38</td>
<td>35</td>
<td>51</td>
<td>0.92</td>
<td>21</td>
<td>4500 @ 4500</td>
<td>6000</td>
<td>32</td>
</tr>
<tr>
<td>E6N-40LBW*</td>
<td>38</td>
<td>35</td>
<td>38</td>
<td>0.90</td>
<td>18</td>
<td>-</td>
<td>1000</td>
<td>4000</td>
</tr>
<tr>
<td>E6N-50LB*</td>
<td>48</td>
<td>44</td>
<td>60</td>
<td>0.90</td>
<td>21</td>
<td>4500 @ 4000</td>
<td>6000</td>
<td>34</td>
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<tr>
<td>E6N-50LBW*</td>
<td>48</td>
<td>44</td>
<td>40</td>
<td>0.91</td>
<td>16</td>
<td>-</td>
<td>1000</td>
<td>3500</td>
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</tbody>
</table>

Male 3/4" water connections on 8” center. *Models ship with supplied insulation blanket. tFor 10-year tank and 10-year parts limited warranty, change “6” to “10” in the model number (example: E10N-40H). E6N-20L is a single element configuration only. Models requiring a lower wattage than what is listed in the minimum wattage column and showing the @ symbol, will change to a "W" suffix model number. "W" suffix models are available down to 1kW. (example: E6N-40R using 4,000 watt elements or less will become “E6N-40RW”). Top T&P is not available on the 10 year lowboy models.
ProLine® Mobile Home

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

Side Water Connections
- For ease of installation in mobile home applications.

Coregard™ Anode Rod
- Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods

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

Blue Diamond® Glass Coating

Enhanced-Flow Brass Drain Valve
- Our residential water heaters have a solid brass, tamper resistant, enhanced-flow, ball type, drain valve
- Uses a standard female hose fitting that allows for fast and easy draining during maintenance.

CSA Certified and ASME Rated T&P Relief Valve

Code Compliance
- Meets IBC & ICC National Codes.

Design-Listed by Underwriters Laboratories
- Certified at 300 psi test pressure and 150 psi working pressure.
- Listed according to UL 174 standards governing storage tank-type electric water heaters.

CSA Certified and ASME Rated T&P Relief Valve

6-Year Limited Tank and Parts Warranty
- For complete information, consult written warranty or americanwaterheater.com.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>Recovery @ 90°F Rise (Gallon Per Hour)</th>
<th>Voltage</th>
<th>Wattage</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MHE6-30H-030D</td>
<td>30</td>
<td>27</td>
<td>50</td>
<td>0.90</td>
<td>14</td>
<td>120</td>
<td>3000</td>
<td>3000</td>
<td>46-3/4</td>
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<tr>
<td>MHE6-30H-035D</td>
<td>30</td>
<td>27</td>
<td>50</td>
<td>0.90</td>
<td>16</td>
<td>240</td>
<td>3500</td>
<td>3500</td>
<td>46-3/4</td>
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<tr>
<td>MHE6-40RW-030D</td>
<td>40</td>
<td>36</td>
<td>54</td>
<td>0.95</td>
<td>14</td>
<td>120</td>
<td>3000</td>
<td>3000</td>
<td>50</td>
</tr>
<tr>
<td>MHE6-40RW-035D</td>
<td>40</td>
<td>36</td>
<td>54</td>
<td>0.95</td>
<td>16</td>
<td>240</td>
<td>3500</td>
<td>3500</td>
<td>50</td>
</tr>
<tr>
<td>MHE6-30L-030D*</td>
<td>28</td>
<td>26</td>
<td>47</td>
<td>0.90</td>
<td>14</td>
<td>120</td>
<td>3000</td>
<td>3000</td>
<td>30</td>
</tr>
<tr>
<td>MHE6-30L-035D*</td>
<td>28</td>
<td>26</td>
<td>47</td>
<td>0.90</td>
<td>16</td>
<td>240</td>
<td>3500</td>
<td>3500</td>
<td>30</td>
</tr>
</tbody>
</table>

*Models ship with supplied insulation blanket.
MHE6 models have limited element options due to element size or other restrictions.
Top T&P option not available on these models.
¾˝ water connections.
### ProLine® Specialty Electric

#### 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
- Top-mounted plumbing connections (optional side-mounted water connections for field conversion). Designed for installation under a counter, in a crawl space or in other tight spaces.

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

#### Code Compliance
- Meets IBC, ICC National Codes.

#### Design-Listed by Underwriters Laboratories
- Certified at 300 psi test pressure and 150 psi working pressure.
- Listed according to UL 174 standards governing storage tank-type electric water heaters.

#### 6-Year Limited Tank and Parts Warranty
- For complete information, consult written warranty or americanwaterheater.com.

---

**Table: ProLine® Specialty Electric Models**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>Element Wattage</th>
<th>Recovery @ 90°F Rise Gallons Per Hour</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
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<tr>
<td>Compact Models</td>
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<td>E61-06U-017SV</td>
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<tr>
<td>E61-12U-015SV</td>
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<td>N/A</td>
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<td>6000</td>
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<td>22-3/4</td>
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<tr>
<td>E61-20U-015SV</td>
<td>19</td>
<td>17</td>
<td>N/A</td>
<td>N/A</td>
<td>1500</td>
<td>6000</td>
<td>7</td>
<td>24-3/4</td>
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<tr>
<td>E61-19L-045DV</td>
<td>19</td>
<td>18</td>
<td>N/A</td>
<td>N/A</td>
<td>4500 @240V</td>
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<td>31-1/4</td>
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<tr>
<td>Lowboy Side-Connect Model</td>
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<tr>
<td>E6N-30LBS*</td>
<td>28</td>
<td>26</td>
<td>47</td>
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<td>6000</td>
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<tr>
<td>E6N-30LS</td>
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<td>35</td>
<td>57</td>
<td>0.94</td>
<td>4500</td>
<td>6000</td>
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<td>38</td>
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<td>4000</td>
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<td>31-3/4</td>
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<td>E6N-40LSW</td>
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<td>38</td>
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<td>4000</td>
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<td>33-1/2</td>
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<td>Table Top Model</td>
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<td>E62-38T-045DV</td>
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<td>Point-Of-Use-Models</td>
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<td>E1K2.5US015V</td>
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<td>14-1/2</td>
<td>10-3/8 X 11-3/4</td>
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<td>E1K4US015V</td>
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<td>N/A</td>
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<td>19-1/4</td>
<td>10-3/8 X 11-3/4</td>
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<tr>
<td>E1K6US015V</td>
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<td>20</td>
<td>12-1/2 X 13-3/4</td>
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</table>

*Models ship with a supplied insulation blanket. When ordering models E6N-40LS or E6N-40LBS the model number will change for wattages of 4kW to 1kW. Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.*
# RESIDENTIAL TANKLESS WATER HEATERS

PREMIUM FEATURES. COMMERCIAL-GRADE COMPONENTS.

## PREMIUM FEATURES:

<table>
<thead>
<tr>
<th>OPERATING COST</th>
<th>$</th>
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<tbody>
<tr>
<td>INSTALLATION SPACE REQUIRED</td>
<td>m</td>
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<tr>
<td>WARRANTY (YEARS)</td>
<td>6-10</td>
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<table>
<thead>
<tr>
<th>Model Family</th>
<th>Proline XE Non-Condensing</th>
<th>Proline XE Non-Condensing ULN</th>
<th>Proline XE Non-Condensing Concentric Vent</th>
<th>Proline XE Condensing</th>
<th>Proline XE Condensing with Recirc Pump</th>
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</thead>
<tbody>
<tr>
<td>Condensing</td>
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<td>Outdoor Models</td>
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<tr>
<td>BTUs</td>
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<td>140k-199k</td>
<td>140k-199k</td>
<td>120k-199k</td>
<td>199k</td>
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<td>Recirculation Pump - DHW</td>
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<tr>
<td>Recirculation Pump - Hydronic Heating</td>
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<td>Concentric Venting</td>
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<td>Ultra Low Nox</td>
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<td>●</td>
<td></td>
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<tr>
<td>Energy Star® Qualified*</td>
<td>●</td>
<td></td>
<td></td>
<td>●</td>
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</tbody>
</table>
ProLine® XE Tankless
Condensing with Recirculation Pump

Energy Star® Qualified
Integrated Recirculation Pump
- 1/2˝ pipe - 200’
- 3/4˝ pipe - 500’

Pump Controls
- Included with heater
- Two timer settings
- Adjustable differential settings

Ultra-Low NOx Emissions
- Complies with SCAQMD 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
- Include 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 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 americanwaterheater.com.

<table>
<thead>
<tr>
<th>Model Number*</th>
<th>Type</th>
<th>Gas Consumption</th>
<th>Inlet Gas Pressure***</th>
<th>Indoor Model UEF</th>
<th>Outdoor Model UEF</th>
<th>Connections</th>
<th>Sizing Chart</th>
<th>Dimensions (in.)</th>
<th>Approx Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GT-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>0.95</td>
<td>3/4˝ NPT</td>
<td>3/4˝ 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.
ProLine® XE Tankless
Condensing High Efficiency

ENERGY STAR® Qualified
Condensing Technology Provides up to 0.91 Uniform Energy Factor

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 6.6 GPM

Dual Heat Exchangers
- Primary heat exchanger of GT-140 is constructed of copper for excellent heat transfer and reduced pressure drop across the heat exchanger.
- Secondary heat exchanger is made of marine-grade 316L stainless steel to protect against corrosion.

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

Outdoor Models
- Include a wall mount temperature remote controller and advanced diagnostics to simplify troubleshooting.

Safety Features
- Exhaust & 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 application.
- 5-year limited warranty on heat exchanger in commercial applications.
- 5-year limited warranty on all parts.
- For complete information, consult written warranty or americanwaterheater.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>Dimensions (In.)</th>
<th>Approx Shipping Weight (lbs)</th>
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</thead>
<tbody>
<tr>
<td>GT-140-NIH</td>
<td>NATURAL</td>
<td>15,000</td>
<td>120,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.90</td>
<td>0.91</td>
<td>3/4&quot; NPT</td>
<td>1/2&quot; NPT</td>
</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.
ProLine® XE Tankless 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.

Maximum Flow Rates up to 10.0 GPM
Heat Exchanger
- Primary heat exchanger of GT-540 is constructed of a commercial-grade copper that is more resilient to erosion.
- Copper is 25x better at heat transfer than stainless steel thus stabilizing outgoing water temperature quicker and reducing pressure drop across the heat exchanger.
- Secondary heat exchanger is made of marine-grade 316L stainless steel to protect against corrosion.

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

Outdoor Models
- Include a wall mount temperature remote controller and advanced diagnostics to simplify troubleshooting.

Common vent indoor models up to 8 units
GT-540 can be used in both residential and commercial applications
- Easy-Link up to 4 heaters
- Multi-Link up to 20 heaters

Safety Features
- Exhaust & Water Temperature Safety Control.
- Overheat Cut-off Fuse.

Internal Freeze Protection System

Power Vent or Power Direct Vent Design

Warranty
- 15-year limited warranty on heat exchanger in residential application.
- 5-year limited warranty on heat exchanger in commercial applications.
- 5-year limited warranty on all parts.
- For complete information, consult written warranty or americanwaterheater.com.

<table>
<thead>
<tr>
<th>Model Number*</th>
<th>Type</th>
<th>Gas Consumption Input Minimum** (BTU/H)</th>
<th>Maximum (BTU/H)</th>
<th>Inlet Gas Pressure*** Minimum (in. W.C.)</th>
<th>Maximum (in. W.C.)</th>
<th>Indoor Model UEF 0.94</th>
<th>Outdoor Model UEF 0.95</th>
<th>Connections</th>
<th>Sizing Chart (Number of Showers)</th>
<th>Dimensions (in.)</th>
<th>Approx Shipping Weight (lbs)</th>
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<td>3/4&quot; NPT</td>
<td>3</td>
<td>4.5</td>
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</table>

For outdoor models change “I” to “E” in the model number (example: GT-140-NEH)
For propane models, change “N” to “P” in the model number (example: GT-240-PIH)
For outdoor models change “I” to “E” in the model number (example: GT-240-NEH)
**Cold climate represents 70°F temperature rise.
***Warm climate represents 50°F temperature rise.
ProLine® XE Tankless 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 GT-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
- Include a built-in temperature controller 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.

Electronic Ignition - No Pilot Light

Safety Features
- Exhaust & Water Temperature Safety Control.
- Overheat Cut-Off Fuse.

Internal Freeze Protection System

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

---

### Connections

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

*Indoor models only. Units are field convertible from natural gas to propane with supplied conversion kit.
**For propane models, minimum inlet gas pressure is 8.0 in. W.C. and maximum inlet gas pressure is 14.0 in. W.C.
† Cold climate represents 70°F temperature rise
‡ Warm climate represents 50°F temperature rise
Maximum Flow Rates up to 10.0 GPM

Copper Primary Heat Exchanger
- Primary heat exchanger of the GT-510 is constructed of a commercial-grade copper that is more resilient to erosion.
- Copper is 25x better at heat transfer than stainless steel thus stabilizing outgoing water temperature quicker and reducing pressure drop across the heat exchanger.

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

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

Low NOx Emissions

GT-510 Can Be Used in Both Residential and Commercial Applications

Easy-Link up to 4 units (510 Models)

Safety Features
- Exhaust & Water Temperature Safety Control.
- Overheat Cut-off Fuse.

Power Vent or Power Direct Vent Design

Internal Freeze Protection System

Warranty
- 15-year limited warranty on heat exchanger in residential application.
- 6-year limited warranty on heat exchanger in commercial applications.
- 5-year limited warranty on all parts.
- For complete information, consult written warranty or americanwaterheater.com.

<table>
<thead>
<tr>
<th>Model Number*</th>
<th>Type</th>
<th>Gas Consumption Input Minimum** (BTU/H)</th>
<th>Maximum (BTU/H)</th>
<th>Inlet Gas Pressure*** Minimum (in. W.C.)</th>
<th>Maximum (in. W.C.)</th>
<th>UEF (Indoor and Outdoor)</th>
<th>Connections Water</th>
<th>Gas</th>
<th>Sizing Chart (Number of Showers)</th>
<th>Dimensions (in.)</th>
<th>Approx Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GT-110-NI**</td>
<td>NATURAL</td>
<td>19,500</td>
<td>140,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.79</td>
<td>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
<td>20-1/4</td>
<td>13-3/4</td>
</tr>
<tr>
<td>GT-310-NI</td>
<td>NATURAL</td>
<td>11,000</td>
<td>190,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.80</td>
<td>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
<td>20-1/4</td>
<td>13-3/4</td>
</tr>
<tr>
<td>GT-510-NI</td>
<td>NATURAL</td>
<td>11,000</td>
<td>199,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.80</td>
<td>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
<td>20-1/4</td>
<td>13-3/4</td>
</tr>
</tbody>
</table>

*For outdoor models, change “NI” to “NE.” For propane models, change “N” to “P” (example: GT-110-P). 110 models are only available for indoor installation.
For outdoor models change “I” to “E” in the model number (example: GT-110-NE).

**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
ProLine® XE Tankless 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 exchange of the GT-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 and outdoor models available.

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.

GT-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 & 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.
- 6-year limited warranty on heat exchanger in commercial applications.
- 5-year limited warranty on all parts.
- For complete information, consult written warranty or americanwaterheater.com.

<table>
<thead>
<tr>
<th>Model Number*</th>
<th>Type</th>
<th>Input Gas Pressure**</th>
<th>Indoor Model UEF</th>
<th>Outdoor Model UEF</th>
<th>Connections</th>
<th>Sizing Chart (Number of Showers)</th>
<th>Dimensions (in.)</th>
<th>Approx Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GT-110U-I-200</td>
<td>NATURAL</td>
<td>15,000</td>
<td>140,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.81</td>
<td>0.81</td>
<td>3/4&quot; NPT</td>
</tr>
<tr>
<td>GT-310U-I-200</td>
<td>NATURAL</td>
<td>15,000</td>
<td>190,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.82</td>
<td>0.82</td>
<td>3/4&quot; NPT</td>
</tr>
<tr>
<td>GT-510U-I-200</td>
<td>NATURAL</td>
<td>15,000</td>
<td>199,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.82</td>
<td>0.82</td>
<td>3/4&quot; NPT</td>
</tr>
</tbody>
</table>

*For outdoor models change “I” to “E” in the model number. Units are field convertible from natural gas to propane with supplied conversion kit.
**When converted to 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
### In-Line, Free-Standing and Horizontal

- Metal air valve
- 100 psi working pressure
- Multiple head construction
- Interior epoxy coating
- Durable butyl rubber parabolic diaphragm
- Positive lock retention system, eliminates loss of air and/or water leaks in the tank
- Electrostatically applied powder-coated exterior provides the ultimate protection against corrosion.
- 5-year limited warranty

### Model Number | Volume (Gallons) | Connecting NPT Size | Dimensions in Inches | Weight (lbs.)
---|---|---|---|---
**Inline and Free-Standing Series**
APT-2 | 1.9 | 3/4 (M) | 10-3/16 | 8-1/4 | 5
APT-5 | 4.8 | 3/4 (M) | 14-3/4 | - | 9
APT-7 | 7.3 | 3/4 (M) | 21-1/16 | - | 11
APT-14 | 14 | 1 (M) | 24 15/16 | 2 | 15-3/8 | 23
APT-20 | 20 | 1 (F) | 32 3/8 | 2 | 15-3/8 | 34
APT-26 | 26 | 1 (F) | 39 9/16 | 2 | 15-3/8 | 43
APT-32 | 32 | 1 (F) | 47 1/4 | 2 | 15-3/8 | 52
APT-45 | 45 | 1 1/4 (F) | 36 9/16 | 2-1/2 | 22 | 64
APT-65 | 65 | 1-1/4 (F) | 48 5/8 | 2-1/2 | 22 | 89
APT-85 | 85 | 1-1/4 (F) | 60-11/16 | 2-1/2 | 22 | 113
APT-86 | 86 | 1-1/4 (F) | 46 | 2-1/2 | 26 | 116
APT-119 | 119 | 1-1/4 (F) | 61-5/16 | 2-1/2 | 26 | 161
**Horizontal Series**
APT-7 | 7.3 | 3/4 (M) | 12-7/8 | - | 11 | 16
APT-14 | 14 | 1 (M) | 18-1/4 | - | 15-3/8 | 26
APT-20 | 20 | 1 (M) | 18-1/4 | - | 15-3/8 | 36

**Note:**
M- Male connection
F- Female connection
All models 38 psi pre-charge
Potable and In-Line Hydronic

- Expansion Tanks - available for hydronic or potable applications
- Drawn steel construction
- Tough butyl rubber parabolic diaphragm
- IAPMO approved
- Max. working pressure
  - 150 psi for potable water expansion tanks
  - 100 psi for hydronic expansion tanks
- 5-year limited warranty on potable AET expansion tanks
- 1-year limited warranty on potable TW Series expansion tanks
- 1-year limited warranty on hydronic expansion tanks

### Potable Expansion Tanks - 5-Year Limited Warranty

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Maximum (PSIG) Working Pressure</th>
<th>Tank Volume (Gallons)</th>
<th>Maximum Accepted Volume (Gallons)</th>
<th>Connection NPT Size</th>
<th>Dimensions in Inches</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>20 PSI</td>
<td>40 PSI</td>
<td>60 PSI</td>
<td>Overall Height</td>
</tr>
<tr>
<td>AET-2</td>
<td>150</td>
<td>1.96</td>
<td>1.53</td>
<td>1.27</td>
<td>1.03</td>
<td>3/4</td>
</tr>
<tr>
<td>AET-5</td>
<td>150</td>
<td>4.55</td>
<td>3.75</td>
<td>3.05</td>
<td>2.19</td>
<td>3/4</td>
</tr>
</tbody>
</table>

### Potable Expansion Tanks - 1-Year Limited Warranty

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Maximum (PSIG) Working Pressure</th>
<th>Tank Volume (Gallons)</th>
<th>Maximum Accepted Volume (Gallons)</th>
<th>Connection NPT Size</th>
<th>Dimensions in Inches</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TW-5</td>
<td>150</td>
<td>2.10</td>
<td>1.53</td>
<td>1.27</td>
<td>1.03</td>
<td>3/4</td>
</tr>
<tr>
<td>TW-12</td>
<td>150</td>
<td>4.40</td>
<td>3.75</td>
<td>3.05</td>
<td>2.19</td>
<td>3/4</td>
</tr>
</tbody>
</table>

### In-Line Hydronic Expansion Tanks - 1-Year Limited Warranty

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Maximum (PSIG) Working Pressure</th>
<th>Tank Volume (Gallons)</th>
<th>Maximum Accepted Volume (Gallons)</th>
<th>Connection NPT Size</th>
<th>Dimensions in Inches</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEH-2</td>
<td>100</td>
<td>1.96</td>
<td>1.53</td>
<td>N/A</td>
<td>N/A</td>
<td>1/2</td>
</tr>
<tr>
<td>AEH-5</td>
<td>100</td>
<td>4.55</td>
<td>3.75</td>
<td>N/A</td>
<td>N/A</td>
<td>1/2</td>
</tr>
<tr>
<td>AEH-7</td>
<td>100</td>
<td>7.30</td>
<td>4.60</td>
<td>N/A</td>
<td>N/A</td>
<td>1/2</td>
</tr>
</tbody>
</table>

All AET and TW Series models 38 psi pre-charge
All AEH models 12 psi pre-charge