WHY PARTNER WITH A.O. SMITH?

Partnering with A. O. Smith and our family of brands allows builders to select a water heater product spec and then find that product locally, from multiple wholesalers and contractors. No matter where you are, or how unique your application, you can find the product from us to meet your needs and achieve your water heater goals.
COMPANY HIGHLIGHTS

- A. O. Smith celebrates more than **140-years** of innovation, integrity and customer satisfaction

- Multi-generational, **family-owned company** based in Ashland City, Tennessee

- Company operations directly contributes more than **3,500 jobs in the U.S.**
ABOUT US

COMPLETE PRODUCT OFFERING
Residential or commercial, standard or high efficiency, with tankless and even hybrid models, A. O. Smith's full line of products gives builders the best opportunity to select units that provide added value and help achieve a lower HERS Index Rating.

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

SALES SUPPORT

Competitive pricing—Our goal is to create long-lasting relationships with our builder partners

Speedy and local support through our tech support team, nationwide distribution and sales rep network

Job Site Inspections and local code compliance advice

To find a complete list of builder tools and resources, visit hotwater.com/builders.
To select the right A. O. Smith water heater, consider the size of your family and other factors that contribute to your First Hour Rating (FHR) Requirement. This chart provides suggested A. O. Smith residential water heater selection guidelines for several family sizes.
TANKLESS MODELS
GROUND WATER TEMPERATURE FACTOR

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

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

PEAK HOT WATER DEMAND

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

TANKLESS FLOW RATES

<table>
<thead>
<tr>
<th>Temp Rise</th>
<th>110 Series</th>
<th>310 Series</th>
<th>510 Series</th>
<th>140H Series</th>
<th>240H Series</th>
<th>340H Series</th>
<th>540H/P Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>30°</td>
<td>6.6</td>
<td>8.0</td>
<td>10.0</td>
<td>6.6</td>
<td>6.6</td>
<td>8</td>
<td>10</td>
</tr>
<tr>
<td>40°</td>
<td>5.7</td>
<td>7.8</td>
<td>8.1</td>
<td>5.6</td>
<td>6.6</td>
<td>8</td>
<td>9.5</td>
</tr>
<tr>
<td>50°</td>
<td>4.6</td>
<td>6.2</td>
<td>6.5</td>
<td>4.5</td>
<td>6.1</td>
<td>6.8</td>
<td>7.6</td>
</tr>
<tr>
<td>60°</td>
<td>3.8</td>
<td>5.2</td>
<td>5.4</td>
<td>3.7</td>
<td>5.1</td>
<td>5.7</td>
<td>6.3</td>
</tr>
<tr>
<td>70°</td>
<td>3.3</td>
<td>4.4</td>
<td>4.7</td>
<td>3.2</td>
<td>4.3</td>
<td>4.9</td>
<td>5.4</td>
</tr>
<tr>
<td>80°</td>
<td>2.9</td>
<td>3.9</td>
<td>4.1</td>
<td>2.8</td>
<td>3.8</td>
<td>4.3</td>
<td>4.7</td>
</tr>
<tr>
<td>90°</td>
<td>2.5</td>
<td>3.5</td>
<td>3.6</td>
<td>2.5</td>
<td>3.4</td>
<td>3.8</td>
<td>4.2</td>
</tr>
<tr>
<td>100°</td>
<td>2.3</td>
<td>3.1</td>
<td>3.3</td>
<td>2.2</td>
<td>3.0</td>
<td>3.4</td>
<td>3.8</td>
</tr>
</tbody>
</table>

Remember, these are general recommendations. Your A. O. Smith 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.
How to Get an HERS Index Score

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

Some of the items the HERS rater will evaluate are:

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

HERS Index

\[ \text{Hers Index} = \frac{P_{\text{frac}} \times 100 \times (E_{\text{heating}} + E_{\text{cooling}} + E_{\text{wh}} + E_{\text{ela}})}{(E_{\text{heating}} + E_{\text{cooling}} + E_{\text{wh}} + E_{\text{ela}})} \]

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

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

To learn more about the HERS Index, visit resnet.us
## HOW DO A. O. SMITH PRODUCTS HELP YOUR HERS RATING

### HERS Zone Map

Results provided third party by EnergyLogic assuming a 2 story home with no H2O improvements.

### Heat Pump

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Zone 1</th>
<th>Zone 2</th>
<th>Zone 3</th>
<th>Zone 4</th>
<th>Zone 5</th>
<th>Zone 6</th>
<th>Zone 7</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPTU-50N</td>
<td>6</td>
<td>6</td>
<td>5</td>
<td>5</td>
<td>6</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>HPTU-66N</td>
<td>6</td>
<td>6</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>HPTU-80N</td>
<td>6</td>
<td>6</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>4</td>
<td>5</td>
</tr>
</tbody>
</table>

### 90%+ Efficiency

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Zone 1</th>
<th>Zone 2</th>
<th>Zone 3</th>
<th>Zone 4</th>
<th>Zone 5</th>
<th>Zone 6</th>
<th>Zone 7</th>
</tr>
</thead>
<tbody>
<tr>
<td>GDHE-50</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>GDHE-75</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>GPHE-50</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

### Tankless

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Zone 1</th>
<th>Zone 2</th>
<th>Zone 3</th>
<th>Zone 4</th>
<th>Zone 5</th>
<th>Zone 6</th>
<th>Zone 7</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATI-540</td>
<td>5</td>
<td>5</td>
<td>4</td>
<td>5</td>
<td>5</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>ATI-540P</td>
<td>5</td>
<td>5</td>
<td>4</td>
<td>5</td>
<td>5</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>ATI-510C</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>ATI-510</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

### Powered Vent

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Zone 1</th>
<th>Zone 2</th>
<th>Zone 3</th>
<th>Zone 4</th>
<th>Zone 5</th>
<th>Zone 6</th>
<th>Zone 7</th>
</tr>
</thead>
<tbody>
<tr>
<td>GPDX-50L</td>
<td>1</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>GPDT-50</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>GPDX-75L</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>GPVX-75L</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>GPVL-40</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>GPVL-50</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

For more detail visit [www.hotwater.com/builders](http://www.hotwater.com/builders)
RESIDENTIAL GAS WATER HEATERS
PREMIUM FEATURES. COMMERCIAL-GRADE COMPONENTS.

PREMIUM FEATURES:

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

OPERATING COST

<table>
<thead>
<tr>
<th>Installation Space Required</th>
<th>Warranty (Years)</th>
</tr>
</thead>
<tbody>
<tr>
<td>$$$</td>
<td>6</td>
</tr>
<tr>
<td>$$</td>
<td>8</td>
</tr>
<tr>
<td>$</td>
<td>6-10</td>
</tr>
</tbody>
</table>

Hot Water Output, Cost of Operation, & Installation Space Required estimated based on typical applications/installations.
For a more custom analysis of unique installations, visit hotwater.com and use our product selector tool.
# FEATURES AND BENEFITS

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

**ENERGY STAR®**
A. O. Smith offers a variety of models that are ENERGY STAR® qualified. Learn more at www.energystar.gov.

**SELF-POWERED ELECTRONIC GAS VALVE**
A. O. Smith 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.

**GREEN CHOICE GAS BURNER**
Patented eco-friendly burner design reduces NOx emissions up to 33% and complies with low NOx emissions of less than 40 ng/J. Enhanced Ultra-Low NOx burner complies with SCAQMD Rule 1121 and other air quality management districts with requirements for NOx emissions of less than 10 ng/J.

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

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

**T&P RELIEF VALVE**
CSA Certified and ASME Rated.

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

**COREGARD™ ANODE ROD**
Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods.
**HEATING & POWER VENT DESIGN**

**Helical Internal Heat Exchanger**
- Spiral heat exchanger keeps hot combustion gases in the tank longer to lengthen the heat transfer cycle.

**Power Direct Vent Design**
- Combined vertical and horizontal runs terminating through an outside wall. Vents using PVC, CPVC or ABS pipe.
  - 2” pipe, vents up to 45 equivalent feet.
  - 3” pipe, vents up to 128 equivalent feet.

**Condensing Design**
- 96% efficient condensing design.
- Equipped with condensate drain tee.

**Side-Mounted Hot and Cold Recirculating Taps**
- Allows Vertex to be installed as part of combination space heating/water heating applications.

**Advanced Electronic Control**
- Large LCD display.
- Precise temperature control.
- Advanced diagnostics.
- iCOMM™ compatible and can be monitored from remote locations.

**Code Compliance**
- Complies with SCAQMD Rule 1146.2 and other air quality management districts with similar requirements for Ultra-Low NOx emissions requirements of 14 ng/J or 20 PPM.
- Meets UBC, CEC and ICC National Codes.

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

**6-Year Limited Tank and Parts Warranty**
- For complete information, consult written warranty or go to hotwater.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>BTU Input Per Hour</th>
<th>Vent Size</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GDHE-50</td>
<td>50</td>
<td>49</td>
<td>100</td>
<td>0.88</td>
<td>96%</td>
<td>100,000</td>
<td>2 or 3</td>
<td>Height: 66-3/4</td>
<td>Diameter: 22</td>
</tr>
<tr>
<td>GDHE-75</td>
<td>75</td>
<td>74</td>
<td>130</td>
<td>0.86</td>
<td>96%</td>
<td>100,000</td>
<td>2 or 3</td>
<td>Height: 64-3/4</td>
<td>Diameter: 27-3/4</td>
</tr>
</tbody>
</table>

Available in propane (LP) gas. Specify when ordering propane (LP) gas.
Models certified for sea level to 10,100 ft elevation.
Optional Condensate Neutralizer Kit available (part number 100112380).
**VERTEX™ HIGH EFFICIENCY POWER VENT**

**Power Vent Design for Installation Versatility**
- Helical internal heat exchanger achieves 90% thermal efficiency, which saves money on operating costs compared to a standard 80% efficient gas water heater.
- Combined horizontal and vertical vent runs terminating through an outside wall, using Schedule 40 PVC pipe as follows:
  - 2” pipe allows vent runs up to 25 equivalent feet.
  - 3” pipe allows vent runs up to 65 equivalent feet.
  - 4” pipe allows vent runs up to 128 equivalent feet.

**Side-Mounted Taps for Recirculating Systems**
- Hot and cold “side taps” allow Vertex 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 control.

**Blue Diamond® Glass Coating with Two Heavy Duty Anode Rods**
- Provides superior corrosion resistance compared to the industry-standard glass lining.

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

**Dynaclean™ Diffuser Dip Tube**

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

**Maximum Hydrostatic Working Pressure:** 150 psi

**Code Compliance**
- Meets UBC, CEC and ICC National Codes.

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

---

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

---

### Model Number

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>UEF 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>GPHE-50</td>
<td>50</td>
<td>48</td>
<td>119</td>
<td>0.88</td>
<td>90%</td>
<td>92</td>
<td>76,000</td>
<td>Height to Top of Heater</td>
<td>Diameter</td>
</tr>
</tbody>
</table>

*Standard model certified for sea level to 5,300 ft. elevation.
Optional Condensate Neutralizer Kit available (part number 100112380).
POLARIS® HIGH EFFICIENCY

Condensing Design
• Operates at up to 96% thermal efficiency which saves money on operating costs compared to a standard 80% efficient gas water heater.
• Helical internal heat exchanger keeps hot combustion gases in the tank longer to extract more heat into the water.
• Modulating burner maintains high efficiency operation at lower input rates.

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

Quiet Operation
• Quiet blower and burner minimize noise.

Power Direct Vent Design
• Direct vent using PVC, CPVC or ABS either thru-the-wall or thru-the-roof.
• Optional concentric vent kit

Advanced Electronic Control
• Large LCD display provides precise temperature control and advanced diagnostics.

Code Compliance
• Complies with SCAQMD Rule 1146.2 and other air quality management districts with similar requirements for Ultra-Low NOx emissions requirements of 14 ng/J or 20 PPM.
• Meets UBC, CEC, and ICC National Codes.
• Meets the thermal efficiency and standby loss requirements of the U. S. Department of Energy and current edition of ASHRAE/IES 90.1.

10-Year Limited Tank and 1-Year Parts Warranty
• For complete information, consult written warranty or go to hotwater.com.

### Model 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>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>
</tr>
</thead>
<tbody>
<tr>
<td>GSP 100</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>41</td>
</tr>
<tr>
<td>GSP 130</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>41</td>
</tr>
<tr>
<td>GSP 150</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>41</td>
</tr>
<tr>
<td>GTP 130</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>55</td>
</tr>
<tr>
<td>GTP 150</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>56-1/4</td>
</tr>
<tr>
<td>GTP 175</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>56-1/4</td>
</tr>
<tr>
<td>GTP 199</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>56-1/4</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.
PROLINE® XE HIGH EFFICIENCY NON-CONDENSING FLUE DAMPER

ENERGY STAR® Qualified
- All models meet the ENERGY STAR® requirement and may also qualify for local utility and rebate programs.

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

DynaClean™ Diffuser Dip Tube

CoreGard™ Anode Rod

Requires 120V Power
- Power cord with standard 3-prong male connector provided.
- Electrical requirements: 110/120 VAC power source, less than 5 amp draw.

Blue Diamond® Glass Coating

Enhanced-Flow Brass Drain Valve

Code Compliance
- Meets IBC, CEC, and HUD (excluding mobile homes) 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.

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

---

### Model 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 Gallon Per Hour Natural*</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>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GCF-40</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>GCF-50</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><strong>Short Models</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GCFL-40</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>*GCFL-50</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>

Available in natural gas only.
Water connection is ¾” on all models.
All models are certified from sea level to 10,100 ft. elevation.
Requires 120 VAC power supply.
Power Direct Vent Design
- Combined horizontal and vertical vent runs up to 180 equivalent feet with 4” diameter venting (ABS, PVC, CPVC and polypropylene).
- Two-pipe sealed combustion system uses outside air, eliminating problems caused by insufficient indoor ventilation.
- Reduced NOx emissions comply with air quality management district regulations.

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

Dynaclean™ Diffuser 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.
- Built-in heat traps on the water inlet and outlet reduce the amount of heat lost through piping.

Enhanced-Flow Brass Drain Valve

CSA Certified and ASME Rated T&P Relief Valve

Available in Natural Gas and Propane

6-Year Limited Tank and Parts Warranty
- For complete information, consult written warranty or go to hotwater.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>GPDL 40</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>58-1/4</td>
<td>49-5/8</td>
</tr>
<tr>
<td>GPDT 50</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>67-1/2</td>
<td>58-3/4</td>
</tr>
<tr>
<td>GPDX 50L</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>69</td>
<td>60-1/4</td>
</tr>
<tr>
<td>† GPDX 75L</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>70-5/8</td>
<td>61-1/2</td>
</tr>
</tbody>
</table>

*Propane model has input of 58,000 BTU/hr.
Natural gas models cited are series 200/210. Propane models are series 201/211.
Side connections are standard on GPDX models.
For side connect models, add “L” to the model number (example: GDPT-50L).
Side connections available on GPDL and GPDT models.
All models are certified from sea level to 10,100 ft. elevation.
† GPVX-75 is not ENERGY STAR® Qualified.
PROLINE® XE HIGH EFFICIENCY NON-CONDENSING POWER VENT

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

Hot-surface Ignitor
- More robust and reliable than standing pilot, and reduces energy consumption

ENERGY STAR® Qualified
- All models (except GPVX 75L) meet the ENERGY STAR® requirement and may also qualify for local utility and rebate programs.
- Built-in heat traps on the water inlet and outlet reduce the amount of heat lost through piping
- 2-inch, thick, “Environmentally-Friendly” foam insulation reduces the amount of heat loss and contributes to overall energy efficiency

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

Enhanced-Flow Brass Drain Valve

Available in Natural Gas and Propane

Design-Listed by CSA International
- Certified at 300 psi test pressure and 150 psi working pressure.
- Listed according to ANSI Z21.10.1-CSA 4.1 or 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 go to hotwater.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>GPVL-40</td>
<td>200</td>
<td>40</td>
<td>38</td>
<td>0.67</td>
<td>45</td>
<td>45</td>
<td>72</td>
<td>Height to Top of Blower: 59</td>
<td>49.5/8 22</td>
</tr>
<tr>
<td>GPVT-40</td>
<td>200</td>
<td>40</td>
<td>38</td>
<td>0.70</td>
<td>56</td>
<td>50</td>
<td>93</td>
<td>Height to Top of Tank: 59/4</td>
<td>20 176</td>
</tr>
<tr>
<td>GPVL-50</td>
<td>200</td>
<td>50</td>
<td>49</td>
<td>0.72</td>
<td>45</td>
<td>45</td>
<td>93</td>
<td>Height to Top of Tank: 58/4</td>
<td>24 198</td>
</tr>
<tr>
<td>GPVT-50</td>
<td>200</td>
<td>50</td>
<td>48</td>
<td>0.72</td>
<td>56</td>
<td>50</td>
<td>96</td>
<td>Height to Top of Tank: 58/4</td>
<td>22 192</td>
</tr>
<tr>
<td>GPVX-50L</td>
<td>200</td>
<td>50</td>
<td>50</td>
<td>0.73</td>
<td>69</td>
<td>62</td>
<td>108</td>
<td>Height to Top of Tank: 61/8</td>
<td>24 212</td>
</tr>
<tr>
<td>1GPVX-75L</td>
<td>210</td>
<td>75</td>
<td>72</td>
<td>0.69</td>
<td>80</td>
<td>76</td>
<td>N/A</td>
<td>Height to Top of Tank: 61/4</td>
<td>26 277</td>
</tr>
</tbody>
</table>

Natural gas models cited are series 200/210. Propane models 201/211.
Side connections are standard on GPVX models.
For side connect models, add “L” to the model number (example: GPVT-40L).
All models rated for installation at altitudes up to 10,100 ft.
† GPVX-75L is not ENERGY STAR® Qualified.
PROLINE® XE HIGH EFFICIENCY NON-CONDENSING ULTRA-LOW NOx POWER VENT

Power Venting Made Simple
- Thru-the-wall or thru-the-roof power venting using either 2” or 3” PVC, ABS or CPVC vent pipe.

Intelli-Vent™ Gas Control
- Advanced electronics for more precise control of water temperature and easy to understand system diagnostics.

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

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

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

Coregard™ Anode Rod

Durable, Ultra-Low NOx Burner Construction

Enhanced-Flow Brass Drain Valve

Code Compliance
- Meets UBC, CEC and HUD National Codes.

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

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

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume (Gallons)</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>BTU Input Gallon Per Hour</th>
<th>Dimensions in Inches</th>
<th>Draft Hood</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GPNH-40</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>
<td>58-5/8</td>
</tr>
<tr>
<td>GPNH-50</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>66-7/8</td>
<td>57-7/16</td>
</tr>
</tbody>
</table>

No option available for top T&P valve.
### RESIDENTIAL TANKLESS WATER HEATERS
PREMIUM FEATURES. COMMERCIAL-GRADE COMPONENTS.

### PREMIUM FEATURES:

<table>
<thead>
<tr>
<th>Model Family</th>
<th>Proline XE Non-Condensing</th>
<th>Proline XE Non-Condensing ULN</th>
<th>Proline XE Non-Condensing Concentric Vent</th>
<th>Proline XE Condensing</th>
<th>Proline XE Condensing with Recirc Pump</th>
<th>Proline XE Combi Boiler</th>
</tr>
</thead>
<tbody>
<tr>
<td>Condensing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Condensing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Indoor Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outdoor Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BTUs</td>
<td>199k</td>
<td>120k-199k</td>
<td>110k-199k</td>
<td>140k-199k</td>
<td>140k-199k</td>
<td>140k-199k</td>
</tr>
<tr>
<td>Recirculation Pump - DHW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recirculation Pump - Hydronic Heating</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concentric Venting</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ultra Low Nox</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENERGY STAR® Qualified</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Hot Water Output, Cost of Operation, & Installation Space Required estimated based on typical applications/installations. For a more custom analysis of unique installations, visit hotwater.com and use our product selector tool.
**PROLINE® XE TANKLESS COMBI BOILER**

Indoor Installation Only

Ultra-Low NOx Emissions
- Complies with SCAQMD Rule 1146.2 NOx Emission Requirements Of 14 ng/J or 20 PPM.

Modulating burner with 10:1 turndown ratio
- Continuously adjusts the firing rate to match demand for maximum comfort and system efficiency.

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

Power Direct Vent Design
- Two-pipe sealed combustion system uses outside air, eliminating problems caused by insufficient indoor ventilation.

Domestic Hot Water flow rate up to 4.8 gpm at 77°F temperature rise

50 PSI max pressure (boiler); 150 PSI max pressure (DHW)

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

---

**Model Number**

<table>
<thead>
<tr>
<th>Model Number*</th>
<th>Gas Consumption Input</th>
<th>Heating Capacity BTU/H</th>
<th>Net AHRI Rating BTU/H</th>
<th>GPM at 77°F Rise</th>
<th>Water Connections</th>
<th>Gas Connection</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACB-1105-N</td>
<td>11,000 110,000</td>
<td>102,000</td>
<td>89,000</td>
<td>2.6</td>
<td>1” NPT 3/4” NPT</td>
<td>1/2” NPT</td>
<td>139</td>
</tr>
<tr>
<td>ACB-1505-N</td>
<td>15,000 150,000</td>
<td>139,000</td>
<td>121,000</td>
<td>3.6</td>
<td>1” NPT 3/4” NPT</td>
<td>1/2” NPT</td>
<td>142</td>
</tr>
<tr>
<td>ACB-1995-N</td>
<td>19,999 199,999</td>
<td>185,000</td>
<td>161,000</td>
<td>4.8</td>
<td>1” NPT 3/4” NPT</td>
<td>1/2” NPT</td>
<td>159</td>
</tr>
</tbody>
</table>

* Models can operate up to 4,500’. For high altitude (3,000’ - 9,600’), change S to H. For liquid propane (LP), change N to P.

†For LP, minimum supply pressure is 8.0 in. W.C. Indoor installation only.
PROLINE® XE CONDENSING
WITH RECIRCULATION PUMP

Integrated Recirculation Pump
• 1/2” pipe - 200’
• 3/4” pipe - 500’

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

ENERGY STAR® Qualified
Ultra-Low NOx Emissions
• Complies with SCAQMD 1146.2 NOx emission requirements of 14 ng/J or 20 PPM

Indoor Models
• Include integrated temperature and pump controls with advanced diagnostics that simplify installation and troubleshooting
• Factory-installed power cord

Outdoor Models
• Includes a wall mount temperature remote controller and advanced diagnostics to simplify troubleshooting

Common Vent Indoor Models
Easy-Link 540P with Three Other 540H to Increase Flow Rate

Safety Features
• Air-Fuel Ratio (AFR) Sensor.
• Exhaust & Water Temperature Safety Control.
• Overheat Cut-Off Fuse.

Internal Freeze Protection

Warranty
• 15-year limited warranty on heat exchanger in residential applications
• 6-year limited warranty on heat exchanger in commercial applications
• 5-year warranty on all parts

---

### Connections

<table>
<thead>
<tr>
<th>Indoor Model UEF</th>
<th>Outdoor Model UEF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>Gas</td>
</tr>
<tr>
<td>Cold Climate†</td>
<td>Warm Climate‡</td>
</tr>
<tr>
<td>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sizing Chart (Number of Showers)</th>
<th>Clearances (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Top 12</td>
</tr>
<tr>
<td>4</td>
<td>Bottom 12</td>
</tr>
<tr>
<td>8</td>
<td>Side 3</td>
</tr>
<tr>
<td>12</td>
<td>Front 4</td>
</tr>
</tbody>
</table>

---

### Model Number

<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</th>
<th>Clearances</th>
<th>Approx Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATI-540P-N</td>
<td>Natural</td>
<td>15,000</td>
<td>199,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.93</td>
<td>0.95</td>
<td>3/4&quot; NPT</td>
<td>4.5</td>
</tr>
</tbody>
</table>

* For outdoor models, change "ATI" to "ATO". 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 CONDENSING HIGH EFFICIENCY**

**ENERGY STAR® Qualified**
Condensing Technology Provides Up to 0.95 UEF
Ultra-Low NOx Emissions
- Complies with SCAQMD Rule 1146.2 NOx Emission Requirements Of 14 ng/J or 20 PPM.

**Heat Exchanger**
- Primary heat exchanger of the ATI/ATO-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.

**Maximum Flow Rates up to 10.0 GPM**

**Indoor Models**
- Include integrated temperature controls with advanced diagnostics to simplify installation and troubleshooting.
- Include factory-installed power cord.

**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**

**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.

---

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Type</th>
<th>Gas Consumption Input (BTU/H)</th>
<th>Inlet Gas Pressure** (in. W.C.)</th>
<th>Indoor Model UEF</th>
<th>Outdoor Model UEF</th>
<th>Connections</th>
<th>Sizing Chart (Number of Showers)</th>
<th>Clearances (in.)</th>
<th>Approx Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATI-140H-N</td>
<td>Natural</td>
<td>15,000 120,000</td>
<td>4.0 10.5</td>
<td>0.90 0.91</td>
<td>3/4&quot; NPT 1/2&quot; NPT</td>
<td>1.5 2.5</td>
<td>12 12 3 4</td>
<td>54</td>
<td></td>
</tr>
<tr>
<td>ATI-240H-N</td>
<td>Natural</td>
<td>15,000 160,000</td>
<td>4.0 10.5</td>
<td>0.94 0.95</td>
<td>3/4&quot; NPT 3/4&quot; NPT</td>
<td>3.5 3.5</td>
<td>12 12 3 4</td>
<td>71</td>
<td></td>
</tr>
<tr>
<td>ATI-340H-N</td>
<td>Natural</td>
<td>15,000 180,000</td>
<td>4.0 10.5</td>
<td>0.94 0.95</td>
<td>3/4&quot; NPT 3/4&quot; NPT</td>
<td>4 4</td>
<td>12 12 3 4</td>
<td>71</td>
<td></td>
</tr>
<tr>
<td>ATI-540H-N</td>
<td>Natural</td>
<td>15,000 190,000</td>
<td>4.0 10.5</td>
<td>0.93 0.95</td>
<td>3/4&quot; NPT 3/4&quot; NPT</td>
<td>4.5 4.5</td>
<td>12 12 3 4</td>
<td>71</td>
<td></td>
</tr>
</tbody>
</table>

*For outdoor models, change “ATI” to “ATO”. 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

ANSI Z21.10.3  CSA 4.3
PROLINE® XE
NON-CONDENSING
ULTRA-LOW NOx

Ultra-Low NOx Emissions
• Complies with SCAQMD Rule 1146.2 NOx emission requirements of 14 ng/J or 20 PPM.

Field Convertible from Natural Gas to Propane

Maximum Flow Rates Up To 10.0 GPM

Copper Primary Heat Exchanger
• Primary heat exchange of the ATI/ATO-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 with advanced diagnostics to simplify installation and troubleshooting.
• Include factory-installed power cord.

Outdoor Models
• Include wall mount remote control with advanced diagnostics to simplify installation and troubleshooting.

ATI-510U / ATO-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.

---

### Model Number* Type Gas Consumption Input Inlet Gas Pressure** Energy Factor (EF) Connections Sizing Chart (Number of Showers) Clearances (in.) Approx Shipping Weight (lbs)

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Type</th>
<th>Gas Consumption Input</th>
<th>Inlet Gas Pressure</th>
<th>Energy Factor (EF)</th>
<th>Connections</th>
<th>Sizing Chart</th>
<th>Clearances</th>
<th>Approx Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATI-110U-200</td>
<td>Natural</td>
<td>15,000</td>
<td>140,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.82</td>
<td>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
</tr>
<tr>
<td>ATI-310U-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>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
</tr>
<tr>
<td>ATI-510U-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>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
</tr>
</tbody>
</table>

*For outdoor models, change "ATI" to "ATO". 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.

---

ANSI Z21.10.3

---

OUTDOOR MODEL

INDOOR MODEL
Maximum Flow Rates up to 10.0 GPM

Copper Primary Heat Exchanger

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

Indoor Models

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

Outdoor Models

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

Low NOx Emissions

ATI-510 & ATO-510 Can Be Used In Both Residential and Commercial Applications

Easy-Link up to 4 units (510 Models)

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.
- 5-year limited warranty on heat exchanger in commercial applications.
- 5-year warranty on all parts.

### ANSI Z21.10.3

<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>Sizing Chart (Number of Showers)</th>
<th>Clearances (in.)</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATI-110-N*</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>1.5</td>
<td>2.5</td>
</tr>
<tr>
<td>ATI-310-N</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>2.5</td>
<td>3.5</td>
</tr>
<tr>
<td>ATI-510-N</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>2.5</td>
<td>3.5</td>
</tr>
</tbody>
</table>

*For outdoor models, change “ATI” to “ATO.” For propane models, change “N” to “P.” 110 models are only available for indoor installation.

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

† Cold climate represents 70°F temperature rise

‡ Warm climate represents 50°F temperature rise
PROLINE® XE NON-CONDENSING CONCENTRIC VENT

Concentric Vent Design
- Power direct vent
- Vertical or horizontal venting up to 43’

Field Convertible from Natural Gas to Propane

Ultra-Low NOx Emissions
- Complies with SCAQMD Rule 1146.2 NOx emission requirements of 14 ng/J or 20 PPM.

Maximum Flow Rates up to 10.0 GPM

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

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

ATI-510C Can be Used in Both Residential and Commercial Applications
- Easy-Link up to 4 units
- Multi-Link up to 20 units

Safety Features
- Air-Fuel Ratio (AFT) sensor
- Exhaust and water temperature safety control
- Overheat cut-off fuse

Internal Freeze Protection

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.

 ANSI Z21.10.3

---

<table>
<thead>
<tr>
<th>Model Number*</th>
<th>Gas Consumption Input (BTU/H)</th>
<th>Inlet Gas Pressure** (Minimum in. W.C.)</th>
<th>UEF</th>
<th>Connections</th>
<th>Sizing Chart (Number of Showers)</th>
<th>Clearances (in.)</th>
<th>Unit Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATI-110C-N</td>
<td>15,000</td>
<td>140,000</td>
<td>4.0</td>
<td>10.5</td>
<td>0.79</td>
<td>3/4” NPT</td>
<td>3/4” NPT</td>
</tr>
<tr>
<td>ATI-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>ATI-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
## RESIDENTIAL ELECTRIC WATER HEATERS
**PREMIUM FEATURES. COMMERCIAL-GRADE COMPONENTS.**

### PREMIUM FEATURES:

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

<table>
<thead>
<tr>
<th>Feature</th>
<th>$$$</th>
<th>$</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPERATING COST</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>INSTALLATION SPACE REQUIRED</td>
<td>to</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WARRANTY (YEARS)</td>
<td>6</td>
<td>8</td>
<td>6-10</td>
</tr>
</tbody>
</table>

*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 hotwater.com and use our product selector tool.
Increased Energy efficiency
• Reduce water heating costs up to 73% compared to a standard electric water heater.
• Up to a 3.45 Uniform Energy Factor (UEF) conserves energy and meets ENERGY STAR® qualifications.

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

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

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. Programmable up to 99 days.

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 Warranty
• For complete information, consult written warranty or go to hotwater.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>HPTU-50N</td>
<td>50</td>
<td>46</td>
<td>3.45</td>
<td>66</td>
<td>Height to Top of Tank: 63</td>
<td>Height to T&amp;P: 40-5/8</td>
</tr>
<tr>
<td>HPTU-66N</td>
<td>66</td>
<td>67</td>
<td>3.45</td>
<td>79</td>
<td>61</td>
<td>38</td>
</tr>
<tr>
<td>HPTU-80N</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 this model.
VOLTEX® 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 (UEF) Rating conserves energy and meets ENERGY STAR® qualifications.

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. Programmable up to 99 days.

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

Dry Fire Protection
- Control system checks to ensure 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)

6-Year Limited Warranty
- For complete information, consult written warranty or go to hotwater.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>FPTU-50</td>
<td>50</td>
<td>46</td>
<td>3.42</td>
<td>66</td>
<td>Height to Top of Tank: 63</td>
<td>40-5/8</td>
</tr>
<tr>
<td>FPTU-66</td>
<td>66</td>
<td>67</td>
<td>3.35</td>
<td>79</td>
<td>Height to T&amp;P: 61</td>
<td>38</td>
</tr>
<tr>
<td>FPTU-80</td>
<td>80</td>
<td>82</td>
<td>3.45</td>
<td>84</td>
<td>Diameter: 69</td>
<td>46</td>
</tr>
</tbody>
</table>

Requires 30 amp breaker.
Top T&P option not available on this model.
PROLINE® MASTER ATMOSPHERIC VENT

Intelligent Control Logic*
- *Not available on 60,000 BTU input models (GCRX-50 and GCRX-55).

Dynaclean™ Diffuser Dip Tube

Coregard™ Anode Rod
- 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

Code Compliance
- Meets UBC, CEC and HUD National Codes.

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

8-Year Limited Tank and Parts Warranty
- For complete information, consult written warranty or go to hotwater.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>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tall Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HWR 40</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>
</tr>
<tr>
<td>HWG 50</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>
</tr>
<tr>
<td>HWR 50</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>
</tr>
<tr>
<td>HWRT 50*</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>
</tr>
<tr>
<td>HWRX 55*</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>
</tr>
<tr>
<td>Short Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HWRL 40</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>
</tr>
<tr>
<td>HWRL 50</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>
</tr>
</tbody>
</table>

Water connection is ¾” on all models.
All models approved for installation from sea level to 10,100 ft. elevation.
Specify when ordering propane (LP) gas.
*For optional side-mounted recirculating taps, add “L” to the suffix in the model number.
Intelligent Control Logic

High Uniform Energy Factor (UEF)

• Eco-friendly non-CFC foam insulation, external 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.

Dyecast™ Diffuser Dip Tube

Coregard™ Anode Rod

• Increased anode protection with either longer or multiple anodes depending on model

Push-Button Piezo Ignitor

Heat Trap Nipples

Blue Diamond® Glass Coating

Enhanced-Flow Brass Drain Valve

Code Compliance

• Meets UBC, CEC and HUD National Codes.
• Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IES 90.1.
• Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended.

CSA Certified by CSA International

Design-Certified by CSA International

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

8-Year Limited Tank and Parts Warranty

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

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>BTU Input Natural Gas</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tall Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HUC-40</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>HUR-40</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>HUC-50</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>HUR-50</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>
</tr>
<tr>
<td>HURT-50L*</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>Short Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HURL-40</td>
<td>40</td>
<td>38</td>
<td>72</td>
<td>0.57</td>
<td>40,000</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. Side loop connections are standard on model (HURT-50L). Most models approved for installation from sea level to 7,700 ft. elevation (except on HURT-50L which is approved to 5,400 ft.).
Enhanced Heating Elements
• Dual 4500 watt elements for fast recovery and reliable operation.
• Incoloy stainless steel upper and lower elements lasts longer than standard copper elements.

Dynaclean™ Diffuser Dip Tube
Coregard™ Anode Rod
• Increased anode protection with either longer or multiple anodes depending on model

Long Lasting Stainless Steel Upper and Lower Elements
Blue Diamond® Glass Coating
Enhanced-Flow Brass Drain Valve

Code Compliance
• Meets UBC, CEC and HUD National Codes.
• Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IES 90.1.
• Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended.

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

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

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

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume (Gallons)</th>
<th>First Hour Rise Gal. Per Hour</th>
<th>UEF</th>
<th>Recovery @ 90°F</th>
<th>Element Wattage 240V Standard</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tall Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HNT-40</td>
<td>40</td>
<td>36</td>
<td>53</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>Standard: 61-1/4</td>
<td>18</td>
</tr>
<tr>
<td>HNT-50</td>
<td>50</td>
<td>46</td>
<td>62</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>Maximum: 53-1/4</td>
<td>20-1/2</td>
</tr>
<tr>
<td>HNT-55</td>
<td>55</td>
<td>55</td>
<td>72</td>
<td>0.93</td>
<td>21</td>
<td>4500</td>
<td>Height to Top of Tank: 61-1/4</td>
<td>51-1/4</td>
</tr>
<tr>
<td>Short Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Height to T&amp;P: 56-1/2</td>
<td>48-1/2</td>
</tr>
<tr>
<td>HNS-40</td>
<td>40</td>
<td>37</td>
<td>55</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>40-3/4</td>
<td>20-1/2</td>
</tr>
<tr>
<td>HNS-50</td>
<td>50</td>
<td>46</td>
<td>57</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>40-3/8</td>
<td>23</td>
</tr>
</tbody>
</table>

Male ¾” water connections on 8” center.
Standard wattage, other options available.
PROLINE®
ATMOSPHERIC VENT

Dynaclean™ Diffuser Dip Tube
Coregard™ Anode Rod
Push-Button Piezo Ignitor
Enhanced-Flow Brass Drain Valve
Heat Trap Nipple
Blue Diamond® Glass Coating

Code Compliance
• Meets UBC, CEC and HUD National Codes.
• Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IES 90.1.
• Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended.

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

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

Water connection is ¾” on all models.
*For optional side-mounted recirculating taps, add “L” to the suffix (example: GCR-40L).
† Models ship with supplied insulation blanket.
For 10-year tank and 10-year parts warranty, change “G” to “X” in model number (example: XCR-30).
‡ LP models not available on GCRH-40.
All models approved for installation from sea level to 10,100 ft. elevation.

<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>Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tall Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1GCB-30</td>
<td>30</td>
<td>29</td>
<td>69</td>
<td>0.61</td>
<td>35,500</td>
<td>32,000</td>
<td>37</td>
<td>61-1/2</td>
<td>58</td>
<td>16</td>
<td>3 or 4</td>
<td>123</td>
</tr>
<tr>
<td>GCR-30</td>
<td>30</td>
<td>29</td>
<td>69</td>
<td>0.60</td>
<td>35,500</td>
<td>32,000</td>
<td>37</td>
<td>61-1/2</td>
<td>58</td>
<td>18</td>
<td>3 or 4</td>
<td>132</td>
</tr>
<tr>
<td>1GCRH-40</td>
<td>40</td>
<td>38</td>
<td>65</td>
<td>0.61</td>
<td>35,500</td>
<td>N/A</td>
<td>38</td>
<td>61-3/4</td>
<td>58-1/4</td>
<td>20</td>
<td>3 or 4</td>
<td>138</td>
</tr>
<tr>
<td>1GCB-40</td>
<td>40</td>
<td>38</td>
<td>78</td>
<td>0.65</td>
<td>40,000</td>
<td>36,000</td>
<td>42</td>
<td>61-3/4</td>
<td>58-1/4</td>
<td>18</td>
<td>3 or 4</td>
<td>130</td>
</tr>
<tr>
<td>GCR-40*</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>GCG-50*</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>GCR-50*</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>145</td>
</tr>
<tr>
<td>GCRH-50*</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>1GCRX-50*</td>
<td>50</td>
<td>49</td>
<td>99</td>
<td>0.61</td>
<td>60,000</td>
<td>54,000</td>
<td>65</td>
<td>65-1/2</td>
<td>61</td>
<td>22</td>
<td>4</td>
<td>182</td>
</tr>
<tr>
<td>GCRX-55*</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>
<td>185</td>
</tr>
<tr>
<td>Short Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1GCBL-30</td>
<td>30</td>
<td>28</td>
<td>68</td>
<td>0.58</td>
<td>35,500</td>
<td>32,000</td>
<td>37</td>
<td>50</td>
<td>46-1/2</td>
<td>18</td>
<td>3 or 4</td>
<td>110</td>
</tr>
<tr>
<td>GCRL-30</td>
<td>30</td>
<td>28</td>
<td>66</td>
<td>0.59</td>
<td>35,500</td>
<td>32,000</td>
<td>36</td>
<td>50</td>
<td>46-1/2</td>
<td>20</td>
<td>3 or 4</td>
<td>118</td>
</tr>
<tr>
<td>1GCBL-40</td>
<td>40</td>
<td>38</td>
<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>
<td>134</td>
</tr>
<tr>
<td>GCRL-40</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>GCRL-50</td>
<td>50</td>
<td>50</td>
<td>81</td>
<td>0.62</td>
<td>40,000</td>
<td>40,000</td>
<td>43</td>
<td>53-1/4</td>
<td>49-3/4</td>
<td>24</td>
<td>3 or 4</td>
<td>177</td>
</tr>
</tbody>
</table>

Water connection is ¾’’ on all models.
*For optional side-mounted recirculating taps, add “L” to the suffix (example: GCR-40L).
† Models ship with supplied insulation blanket.
For 10-year tank and 10-year parts warranty, change “G” to “X” in model number (example: XCR-30).
‡ LP models not available on GCRH-40.
All models approved for installation from sea level to 10,100 ft. elevation.
Intelligent Control Logic
• The electronic gas control incorporates an LED status indicator that monitors system operation and service diagnostics.

High Uniform Energy Factors (UEF)
• Eco-Friendly non-CFC foam insulation, external 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.

Dynaclean™ Diffuser Dip Tube

Coregard™ Anode Rod

Push-Button Piezo Ignitor

Heat Trap Nipples

Blue Diamond® Glass Coating

Enhanced-Flow Brass Drain Valve

Code Compliance
• Meets UBC, CEC and HUD National Codes.
• Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IES 90.1.
• Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended.

CSA Certified by CSA International

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

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

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume (Gallons)</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>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></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Height to Top of Draft Hood</td>
<td>Height to Top of Tank</td>
</tr>
<tr>
<td>Tall Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GUC-30</td>
<td>30</td>
<td>29</td>
<td>62</td>
<td>0.59</td>
<td>33,000</td>
<td>34</td>
<td>61-3/4</td>
<td>58</td>
</tr>
<tr>
<td>GUC-40</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>GUR-40</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>GUC-50</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>GUR-50</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>
</tr>
<tr>
<td>GURT-50L*</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>Short Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GURL-40</td>
<td>40</td>
<td>38</td>
<td>72</td>
<td>0.57</td>
<td>40,000</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.
Side loop connections are standard on model (GURT-50L).
Most models approved for installation from sea level to 7,700 ft. elevation (except on GURT-50L which is approved to 5,400 ft.).
PROLINE® STANDARD ELECTRIC

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

Dynaclean™ Diffuser Dip Tube

Coreguard™ Anode Rod

Blue Diamond® Glass Coating

Enhanced-Flow Brass Drain Valve

Code Compliance
- Meets UBC, CEC and HUD National Codes.

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

Design-Listed by Underwriters Laboratories
- Certified at 300 psi test pressure and 150 psi working pressure.

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

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>Recovery @ 90°F Rise Gallon Per Hour</th>
<th>Element Wattage 240V</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard 6000</td>
<td>Maximum 6000</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>Standard 4500</td>
<td>Maximum 6000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENT-30†</td>
<td>30</td>
<td>27</td>
<td>48</td>
<td>0.89</td>
<td>21</td>
<td>4500</td>
<td>46-1/2</td>
<td>39-1/2</td>
</tr>
<tr>
<td>ENT-40†</td>
<td>40</td>
<td>36</td>
<td>53</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>61-1/4</td>
<td>53-1/4</td>
</tr>
<tr>
<td>ENT-50†</td>
<td>50</td>
<td>46</td>
<td>62</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>60-1/2</td>
<td>51-1/4</td>
</tr>
<tr>
<td>ENT-55†</td>
<td>55</td>
<td>55</td>
<td>72</td>
<td>0.93</td>
<td>21</td>
<td>4500</td>
<td>56-1/2</td>
<td>48-1/2</td>
</tr>
<tr>
<td>Short Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard 6000</td>
<td>Maximum 6000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENSB-30*</td>
<td>30</td>
<td>27</td>
<td>50</td>
<td>0.90</td>
<td>21</td>
<td>4500</td>
<td>39</td>
<td>30-1/2</td>
</tr>
<tr>
<td>ENS-30†</td>
<td>30</td>
<td>27</td>
<td>47</td>
<td>0.89</td>
<td>21</td>
<td>4500</td>
<td>39-3/4</td>
<td>30-1/2</td>
</tr>
<tr>
<td>ENS-40†</td>
<td>40</td>
<td>37</td>
<td>57</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>49-3/4</td>
<td>40-3/4</td>
</tr>
<tr>
<td>ENS-50†</td>
<td>50</td>
<td>46</td>
<td>62</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>49-1/4</td>
<td>40-3/8</td>
</tr>
<tr>
<td>Lowboy Top Connect Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard 6000</td>
<td>Maximum 6000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENL-20</td>
<td>19.9</td>
<td>19</td>
<td>N/A</td>
<td>N/A</td>
<td>21</td>
<td>4500</td>
<td>30</td>
<td>21-1/4</td>
</tr>
<tr>
<td>ENL-20†</td>
<td>28</td>
<td>26</td>
<td>46</td>
<td>0.89</td>
<td>21</td>
<td>4500</td>
<td>30</td>
<td>21-3/4</td>
</tr>
<tr>
<td>ENL-30†</td>
<td>28</td>
<td>26</td>
<td>46</td>
<td>0.90</td>
<td>21</td>
<td>4500</td>
<td>30</td>
<td>21-3/4</td>
</tr>
<tr>
<td>ENL-36†</td>
<td>36</td>
<td>33</td>
<td>51</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>32</td>
<td>24</td>
</tr>
<tr>
<td>ENL-40†</td>
<td>38</td>
<td>35</td>
<td>47</td>
<td>0.89</td>
<td>21</td>
<td>4500</td>
<td>33-1/2</td>
<td>24</td>
</tr>
<tr>
<td>ENLB-40†</td>
<td>38</td>
<td>35</td>
<td>47</td>
<td>0.93</td>
<td>21</td>
<td>4500</td>
<td>32</td>
<td>24</td>
</tr>
<tr>
<td>ENLB-50†</td>
<td>48</td>
<td>44</td>
<td>60</td>
<td>0.93</td>
<td>21</td>
<td>4500</td>
<td>34</td>
<td>25</td>
</tr>
<tr>
<td>ENL-50†</td>
<td>51</td>
<td>48</td>
<td>54</td>
<td>0.92</td>
<td>21</td>
<td>4500</td>
<td>36</td>
<td>25</td>
</tr>
</tbody>
</table>

* Models ship with supplied insulation blanket. | † For 10-year tank and 10-year parts warranty, change “E” to “P” in the model number (example: ENT-30 becomes PNT). ¾” water connections on 8” center. | ENL-20 is a single element configuration only. Top T&P is not available on the 10 year lowboy models.
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.

Dynaclean™ Diffuser Dip Tube

Coregard™ Anode Rod

Push Button Piezo Ignitor

Heat Trap Nipples

Code Compliance
- Meets UBC, CEC and HUD National Codes.

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

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

### Model Specifications

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume (Gallons)</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>Input BTU Per Hour</th>
<th>Recovery 90°F Rise Gallon Per Hour</th>
<th>Height to Top of Draft Hood</th>
<th>Height to Top of Tank</th>
<th>Diameter</th>
<th>Vent Outlet</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GDV-40</td>
<td>40</td>
<td>39</td>
<td>64</td>
<td>0.60</td>
<td>38,000</td>
<td>41</td>
<td>64</td>
<td>49-3/4</td>
<td>22</td>
<td>Co-Axial</td>
<td>178</td>
</tr>
<tr>
<td>GDV-50</td>
<td>50</td>
<td>48</td>
<td>77</td>
<td>0.66</td>
<td>40,000</td>
<td>43</td>
<td>73</td>
<td>59</td>
<td>22</td>
<td>Co-Axial</td>
<td>200</td>
</tr>
<tr>
<td>GDVT-50</td>
<td>50</td>
<td>48</td>
<td>83</td>
<td>0.65</td>
<td>47,000</td>
<td>51</td>
<td>74</td>
<td>60</td>
<td>22</td>
<td>Co-Axial</td>
<td>215</td>
</tr>
</tbody>
</table>

Dual-channel system has 3" vent pipe inside 6" air intake pipe, for the 40 and 50-gallon models.
All models have 2" foam cavity.
Water connection is 3/4" male on all models.
40 and 50 gallon models are 8" on center.
*Allow 29-1/2" for front to back dimension for gas control and air intake pipe at the rear of the heater.
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 GDV-40L.
**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 UBC, CEC and HUD National Codes.
- CSA Certified And ASME Rated T&P Valve.

Design-Listed by CSA International
- Certified at 300 psi test pressure and 150 psi working pressure.
- Listed according to ANSI Z21.10-1- CSA 4.1 standards governing storage 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 hotwater.com.

### Model 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>GDNL-40L</td>
<td>40</td>
<td>28</td>
<td>52</td>
<td>0.60</td>
<td>36,000</td>
<td>39</td>
<td>Height to Top of Draft Hood: 65-1/4</td>
<td>50-1/2</td>
</tr>
<tr>
<td>GDNT-50L</td>
<td>50</td>
<td>48</td>
<td>76</td>
<td>0.65</td>
<td>38,000</td>
<td>41</td>
<td>Height to Top of Tank: 73-1/2</td>
<td>58-1/2</td>
</tr>
</tbody>
</table>

No option available for top T&P valve.
All models have ¾” top water connections and come standard with side loop fittings.
All models are certified from sea level to 7,700 ft. elevations.
PROLINE® SPECIALTY

Lowboy
- Side water connections for applications where hand-room is limited.

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

Point-of-Use
- Designed for low-demand, such as office lavatories or buildings with remote restrooms.

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

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

Enhanced-Flow Brass Drain Valve

Code Compliance
- Meets UBC, CEC and HUD National Codes.

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

6-Year Limited Tank And Parts Warranty
- For complete information, consult written warranty or go to hotwater.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>Element Wattage</th>
<th>Recovery @ 90°F Rise Gallons Per Hour</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compact Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard</td>
<td>Maximum</td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>EJC-6</td>
<td>6</td>
<td>6</td>
<td>N/A</td>
<td>N/A</td>
<td>1650</td>
<td>3000</td>
<td>8</td>
<td>15-1/4</td>
</tr>
<tr>
<td>EJC-10</td>
<td>10</td>
<td>9</td>
<td>N/A</td>
<td>N/A</td>
<td>1650</td>
<td>6000</td>
<td>8</td>
<td>18-1/4</td>
</tr>
<tr>
<td>EJCS-20</td>
<td>19</td>
<td>17</td>
<td>N/A</td>
<td>N/A</td>
<td>2500</td>
<td>6000</td>
<td>11</td>
<td>24-3/4</td>
</tr>
<tr>
<td>EJCT-20</td>
<td>19.9</td>
<td>18</td>
<td>N/A</td>
<td>N/A</td>
<td>2500</td>
<td>6000</td>
<td>11</td>
<td>31-5/8</td>
</tr>
<tr>
<td>Lowboy Side-Connect Model</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENJB-30*</td>
<td>28</td>
<td>26</td>
<td>47</td>
<td>0.90</td>
<td>4500</td>
<td>6000</td>
<td>21</td>
<td>30</td>
</tr>
<tr>
<td>ENJ-30</td>
<td>28</td>
<td>26</td>
<td>43</td>
<td>0.91</td>
<td>4500</td>
<td>6000</td>
<td>21</td>
<td>31-1/4</td>
</tr>
<tr>
<td>ENJB-40*</td>
<td>38</td>
<td>35</td>
<td>57</td>
<td>0.94</td>
<td>4500</td>
<td>6000</td>
<td>21</td>
<td>31-3/4</td>
</tr>
<tr>
<td>ENJ-40</td>
<td>38</td>
<td>35</td>
<td>54</td>
<td>0.93</td>
<td>4500</td>
<td>6000</td>
<td>21</td>
<td>33-1/2</td>
</tr>
<tr>
<td>Table Top Model</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENTT-38</td>
<td>38</td>
<td>35</td>
<td>55</td>
<td>0.90</td>
<td>4500</td>
<td>5500</td>
<td>21</td>
<td>36</td>
</tr>
<tr>
<td>Point-Of-Use Models</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EMT-2.5</td>
<td>2.5</td>
<td>2.6</td>
<td>N/A</td>
<td>N/A</td>
<td>1440 @ 120v</td>
<td></td>
<td>7</td>
<td>14-1/2</td>
</tr>
<tr>
<td>EMT-4</td>
<td>4</td>
<td>3.8</td>
<td>N/A</td>
<td>N/A</td>
<td>1440 @ 120v</td>
<td></td>
<td>7</td>
<td>19-1/4</td>
</tr>
<tr>
<td>EMT-6</td>
<td>6</td>
<td>5.9</td>
<td>N/A</td>
<td>N/A</td>
<td>1440 @ 120v</td>
<td></td>
<td>7</td>
<td>20</td>
</tr>
</tbody>
</table>

*Models ship with insulation blanket.
Confidently select the right water heater for your floor plans with the help of an Xpert. With just a few quick questions, the Xpert Product Selection Tool evaluates A. O. Smith’s full range of product options against your installation, energy efficiency and usage requirements. The result is a custom selection of water heater recommended just for you.

Visit hotwater.com/Xpert to consult the Xpert or download the A. O. Smith App.
To find a complete list of builder tools and resources, visit:

hotwater.com/builders