TAKE A STEP FORWARD, HELP STOP THE GREENHOUSE EFFECT

GREENFOAM®

Eco-friendly foam insulation unique to Giant
No HCFC’s
No CFC’s
No VOC’s

THE OZONE LAYER IS IMPORTANT FOR ALL OF US

ECOPEAK®

RESIDENTIAL ELECTRIC WATER HEATERS

Standard models available in 30, 40 and 60 gallon capacities

Cascade and Super Cascade 9 models available in 40 and 60 gallon capacities

BUILT TO LAST LONGER

ISO 9001

ENREGISTRÉ

REGISTRED

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ISO 9001

LEGAL

QUALITY SYSTEM
It’s quite simple: Three elements are better than two!

Three-element water heaters are less power hungry than traditional two-element heaters. The three elements are less powerful and require fewer watts at any given time, which is particularly important during peak morning and evening periods. Even though it heats water more uniformly, it can supply the same amount of hot water as a traditional two-element water heater of the same capacity.

**The top element** (3,800 Watts)
This element works alternately with the two other elements to heat water in the upper part of the tank.

**The middle element** (3,000 Watts)
This one works when needed to heat the water over a short period of time.

**The bottom element** (800 Watts)
The low-power bottom element works almost constantly.

Tried and Tested Technology

A two-year pilot project was conducted with 75 households to evaluate the three-element water heater’s performance. The study showed that customers do not see any difference in quality between the two-element model and the new environmentally responsible water heater. In fact, the three-element model is more reliable, since there is less stress on its electric components.

Unlike traditional two-element water heaters, whose power demand is concentrated during peak periods, three-element heaters draw less power and spread energy consumption throughout the day.

Discover the Advantages

* A sustainable choice that lowers the collective electricity demand at peak periods.
* Price comparable to that of traditional two-element water heaters.
* No difference in electricity costs for water heating.
* No impact on hot water availability.
* Less stress on electrical components, compared to traditional water heaters, extends service life and increases reliability.
The following outstanding technical features are why Giant’s water heaters are “BUILT TO LAST LONGER”.

**STANDARD MODELS**

1 - **INSULATION**
A thick uniform blanket of eco-friendly insulation keeps the water hotter for longer periods, reduces stand-by losses and energy costs. Contains no HCFC’s (hydrochlorofluorocarbons), CFC’S (chlorofluorocarbons) nor VOC’s (volatile organic compounds).

2 - **FACTORY INSTALLED 3/4” NPT DI-ELECTRIC NIPPLES**
Extend the life of the water heater by providing excellent corrosion protection.

3 - **HIGH QUALITY MAGNESIUM ANODE**
Provides excellent protection against the corrosive effects of water and extends tank life.

4 - **ELECTRIC ELEMENTS**
All models are equipped with CSA approved bolt-on immersion elements made by Giant. These elements can be easily replaced with no special tools, resulting in low maintenance costs.

5 - **GLASS-LINED INNER TANK**
A uniquely formulated blue cobalt glass enriched with zircon is fused to specially treated steel at 1,600°F (871°C) to provide the best coating available against corrosion for many years. The tank is certified at a test pressure of 300 PSI (2,068 kPa) and a working pressure of 150 PSI (1,034 kPa).

6 - **DRAIN VALVE**
Tamper-resistant, one-piece drain valve is installed for easy drainage.

7 - **AUTOMATIC TEMPERATURE CONTROL**
Adjustable thermostats will provide years of reliable trouble-free service at the desired water temperature and a safety cut-off is provided for abnormal conditions.

8 - **OVERFLOW SYSTEM**
A 90° elbow overflow tube is supplied with each residential electric water heater.

9 - **FACTORY INSTALLED TEMPERATURE & PRESSURE-RELIEF VALVE**
This valve will protect the tank from the damaging effects of excessive temperature and pressure.

**WARRANTY**
Giant residential electric water heaters have a six (6) year limited warranty against inner tank leakage from the date of installation and one (1) year limited warranty on component parts. For more specific warranty details including exceptions, consult the owner’s manual that comes with each water heater.
The following outstanding technical features are why Giant’s water heaters are “BUILT TO LAST LONGER”.

**A better choice**

- Low watt density resistor type elements for longer element life.
- Bottom cold water entry resulting in 10% more hot water instantly.
- $100** saving on your electricity bill.
- Six (6)* year limited warranty against inner tank leakage from the date of installation. Five (5) year limited warranty on the heating elements and one (1) year on the thermostats.
- Installation kit supplied including a temperature & pressure-relief valve, a brass “T” (3/4” NPT), and a 90° evacuation elbow.

**Your best choice**

- Low watt density elements for longer element life.
- Bottom cold water entry resulting in 10% more hot water instantly.
- $100** saving on your electricity bill.
- Larger diameter, high quality magnesium anode for superior corrosion prevention and extended tank life.
- Tamper resistant, one-piece brass drain valve is installed for easy drainage.
- Double coating of blue cobalt glass enriched for superior corrosion protection and extended tank life.
- Nine (9)* year limited warranty against inner tank leakage from the date of installation. Five (5) year limited warranty on the heating elements and thermostats.
- Installation kit supplied including a pressure-relief valve, a brass “T” (3/4” NPT), and a 90° elbow and evacuation tube.

*(Some exceptions may apply.)*

**Based on $0.08/kWh, a 10-year life of the water heater and according to the average household consumption.*
**COLD WATER INTAKE**

The Cascade and Super Cascade 9 advantage

**TOP ENTRY**
Cold water eddies down and cools the hot water throughout the tank.

**BOTTOM ENTRY**
Cold water stays at the bottom of the tank until it heats up.

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**SPECIFICATIONS & DIMENSIONS** 2" nominal **ECOPEAK®** insulation

<table>
<thead>
<tr>
<th>Model</th>
<th>Storage capacity U.S. gal</th>
<th>Storage capacity Imp. gal</th>
<th>Factory installed wattages</th>
<th>Standby loss</th>
<th>Diameter (A) inches (cm)</th>
<th>Height (B) inches (cm)</th>
<th>C inches (cm)</th>
<th>D</th>
<th>E</th>
<th>F inches (cm)</th>
<th>Estimated ship. weight lb</th>
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<td>3,000</td>
<td>14.4</td>
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<td>61.4</td>
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<td>89</td>
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**Model** | Storage cap. U.S. gal | Storage cap. Imp. gal | Element’s Input (240 Volts)** | Standby loss | Diameter (A) inches (cm) | Height (B) inches (cm) | C inches (cm) | D | E | F inches (cm) | Est. Ship. Weight lb |
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<td>3,000</td>
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**TEMPERATURE & PRESSURE-RELIEF VALVE**

For safety purposes, a temperature & pressure-relief valve **MUST** be included in the installation of all Giant residential electric water heaters. This valve will protect the tank from the damaging effects of excessive temperature and pressure.

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