

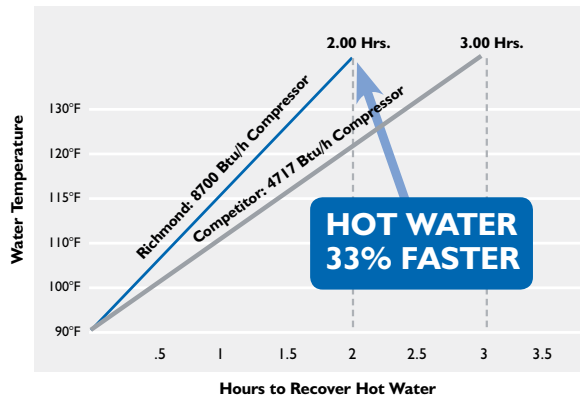
Four Year Payback

Homeowners can expect payback for the cost of the unit in less than four years. Visit Richmond.com/rebate for other state, local, utility rebates and incentives that may be available.

$$\begin{array}{ccc}
 \$370 & \times 4 & = & \$1480 \\
 \text{annual savings} & \text{years} & & \text{energy savings}
 \end{array}$$

*Estimated energy cost based on a national average electricity cost of 12.00 cents per kWh. Energy factor determined by U.S. Department of Energy (DOE) test procedures. Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer. Please consult with your tax advisor for eligibility requirements and amount of tax credit. Other state/utility discounts may apply.

The Richmond Hybrid Heats Water 33% Faster Than a Standard Electric Water Heater



This chart illustrates the true value of the Richmond Hybrid Heat Pump. The three hour temperature rise test illustrates how the Richmond Hybrid* reduces fuel costs and speeds hot water recovery.

*Heat Pump Only Mode

Warranty

12/**2** 12-Year limited warranty for tank and parts, 2-year full in-home labor warranty†

†See written warranty for complete details.

Glossary

- **Estimated Yearly Energy Cost (EYEC)** - Amount it will cost to supply your home with hot water for a full year; used to compare different fuel and water heater types based on average national costs (**example: \$215 @ 2.45 EF**)
- **Energy Factor (EF)** - Measure of a water heater's energy efficiency and resultant heat loss, developed by the U.S. Department of Energy. The higher the EF, the higher the efficiency and energy savings (**example: 2.45 EF**)
- **First Hour Rating (FHR)** - The maximum amount of hot water available to your home in one hour, assuming your tank is completely full
- **Recovery (R)** - The amount of time it takes for your water heater to become completely full after being completely empty (**example: 2 hours**)

In keeping with its policy of continuous progress and product improvement, Richmond reserves the right to make changes without notice.

Richmond[™]
The Water Heater Experts

Richmond Water Heaters
101 Bell Road • Montgomery, AL 36117
1-800-621-5622 • richmondwaterheaters.com

Richmond[®]
The Water Heater Experts
Encore[®] Hybrid Electric
Heat Pump Water Heater



**Exceptional
Energy
Efficiency,
Advanced
Technology
and Real
Savings**



Richmond® Encore® Hybrid Water Heater – Featuring Advanced Heat Pump Technology

How Does it Work?

The Richmond Hybrid Electric water heater uses an electric heating element along with heat pump technology to heat water, instead of using a conventional electric element only. The heat pump works by pulling in the ambient air and extracting the available heat. It then intensifies the heat and transfers it into the water for a more cost-effective heating process. It also has the added benefit of “air conditioning” the space it’s in, since it’s removing the heat and using it to heat water. Installations in places like garages and attics would benefit most from this residual effect.

- 1 Heat Pump pulls in ambient air and extracts heat
- 2 Heat is intensified and transferred to water



50

50 Gallon tank (3-5 people)

57

Delivers 57 gallons of hot water in the first hour

Energy Guide \$215

Estimated yearly operating cost

Energy Efficiency

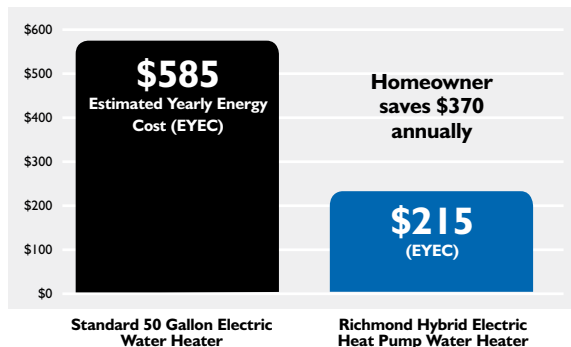
The Richmond Hybrid is one of the most efficient water heaters available* and here’s why:

- High 2.45 EF reduces energy cost \$370 annually compared to a standard 50-gallon electric model
- Superior heat pump technology delivers more hot water faster - 33% faster**
- 8700 Btu/h compressor: the most powerful in its class. More heat can be created by the heat pump and less by the costly electric elements
- A wider temperature operating range means the heat pump can be used to heat water more days throughout the year

*Among gas and electric water heating products
**Than a standard 50 gallon electric water heater

Annual Cost Savings

- Only costs \$18 a month to operate, vs \$49 for a standard 50 gallon electric water heater reducing energy costs \$370 annually



Installation

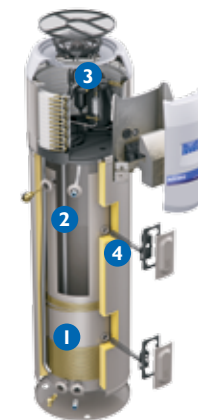
- Easily accessible side connections
- Narrow 21” diameter fits through tight access spaces and easily replaces a standard electric water heater.



Performance

With industry-leading performance, it’s easy to see why Richmond is the trusted name in water heating. Here’s what makes the Hybrid water heater one of the most reliable choices for your home.

- 1 Exceptional Heat Transfer technology features a wrap around condenser to maximize the transfer of heat.
- 2 Patented magnesium anode rod extends the life of the tank.
- 3 Compressor is built to work longer and harder year round.
- 4 Incoloy stainless steel elements (4500 Watt upper and 2500 Watt lower) provide dependability during high demand use.



Technology

With its integrated touchscreen control, the Richmond Hybrid is easily one of the most advanced water heaters on the market. Intuitive, easy to use settings mean you’re in control and able to get the most from your water heater’s unique features.

- A full-color, backlit, touch-screen control panel provides the homeowner with service alerts, as well as detailed troubleshooting and diagnostic information for service calls.
- 5 preset modes allow you to tailor your water heater’s performance for different water usage scenarios, energy savings and even vacation.

