



Richmond® Water Heater Selection Guide



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Richmond Water Heaters
1115 Northmeadow Pkwy
Roswell, GA 30076

Find the perfect product for your lifestyle—and budget—with three lines to choose from:

Richmond Essential® | Richmond Essential Plus® | Richmond Encore®



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HUD-certified and uniquely crafted for manufactured housing applications, our water heaters can be placed anywhere within the home—providing maximum design freedom. Gas and electric fuel types available.

See product spec sheet for more information on individual water heater models.

DESCRIPTION				PERFORMANCE				DIMENSIONS		FUEL
MODEL NO. (GAS)	SKU	MODEL INFO	NOMINAL GALLON CAPACITY	NUMBER OF PEOPLE	NG BTU GAS MODELS	LP BTU GAS MODELS	WARRANTY (YEARS)	HEIGHT	DIAMETER	FUEL TYPE
6V30FT3	6837186	Essential® 29 Gallon 6-Year 32,000 BTU Convertible Gas Mobile Home Water Heater	29	Up to 2 people	32,000	30,000	6-Year Tank / 2-Year Labor	56-7/8"	56-7/8"	Natural Gas Liquid Propane
6V40FT3	6835284	Essential® 40 Gallon 6-Year 34,000 BTU Convertible Gas Mobile Home Water Heater	40	Up to 3 people	34,000	32,000	6-Year Tank / 2-Year Labor	58-1/2"	58-1/2"	Natural Gas Liquid Propane
MVR30DV3	6839427	Essential® 30 Gallon 6-Year 30,000 BTU Convertible Gas Mobile Home Water Heater	30	Up to 2 people	30,000	30,300	6-Year Tank / 2-Year Labor	54-5/8"	54-5/8"	Natural Gas Liquid Propane
MVR40DV3	6839439	Essential® 40 Gallon 6-Year 30,000 BTU Convertible Gas Mobile Home Water Heater	40	Up to 3 people	30,000	30,300	6-Year Tank / 2-Year Labor	57-3/8"	57-3/8"	Natural Gas Liquid Propane

DESCRIPTION				PERFORMANCE				DIMENSIONS		FUEL
MODEL NO. (ELECTRIC)	SKU	MODEL INFO	NOMINAL GALLON CAPACITY	NUMBER OF PEOPLE	FIRST HOUR RATING (GALLONS) 3,500 kW	FIRST HOUR RATING (GALLONS) 4,500 kW	WARRANTY (YEARS)	HEIGHT	DIAMETER	FUEL TYPE
T2V30-D	6837787	Essential® 30 Gallon Mobile Home Water Heater	30	Up to 2 people	25	47	6-Year Tank / 2-Year Labor	47-3/4"	19-1/4"	Electric
T2V40-D	6837810	Essential® 40 Gallon Mobile Home Water Heater	40	Up to 3 people	30	53	6-Year Tank / 2-Year Labor	48-1/2"	21-1/8"	Electric



Specially designed for **manufactured homes**, our water heaters deliver **high performance** & **lower operating costs** than our competitors.



Certified for **manufactured (HUD)** and **modular** construction.

Flammable vapor detection automatically disables the water heater in the presence of **flammable vapor accumulation**.

Models are **field-convertible** for natural gas or liquid propane operation.

Richmond Delivers Exceptional Performance, Value & Features

Choosing the right water heater is a big decision, both financially and for your day-to-day living. Water heaters use a significant portion of your energy budget, selecting the right water heater type is one of the most important decisions you can make.

Richmond offers a comprehensive line of dependable and efficient water heating solutions. Offering both traditional tank models and advanced tankless water heaters, Richmond products are expertly designed to provide consistent hot water for households of all sizes and budgets.



How to Select a Richmond® Water Heater

When purchasing a water heater, there are several key factors to consider to ensure you select the product that best fits your household's hot water needs.

Be Proactive, Not Reactive

Here is some basic information to help you select the right water heater for your needs and space.

1 Know your fuel source



You will want to determine if you want to use your existing water heater's fuel source or make a change.

Initially, shifting from a gas fueled product to electric can be expensive but over time the cost savings will cover the cost of the investment. Both tank and tankless products are available for electric and gas products.

When selecting a gas product, you will need to determine if you require **Natural Gas** or **Liquid Propane (LP)**.

2 Consider the hot water demand of your household

The number of people, bathrooms and fixtures will determine the capacity required for your home.

If your current water heater doesn't provide adequate hot water, or you have a large, oversized tub, consider upgrading your existing water heater to a larger capacity.



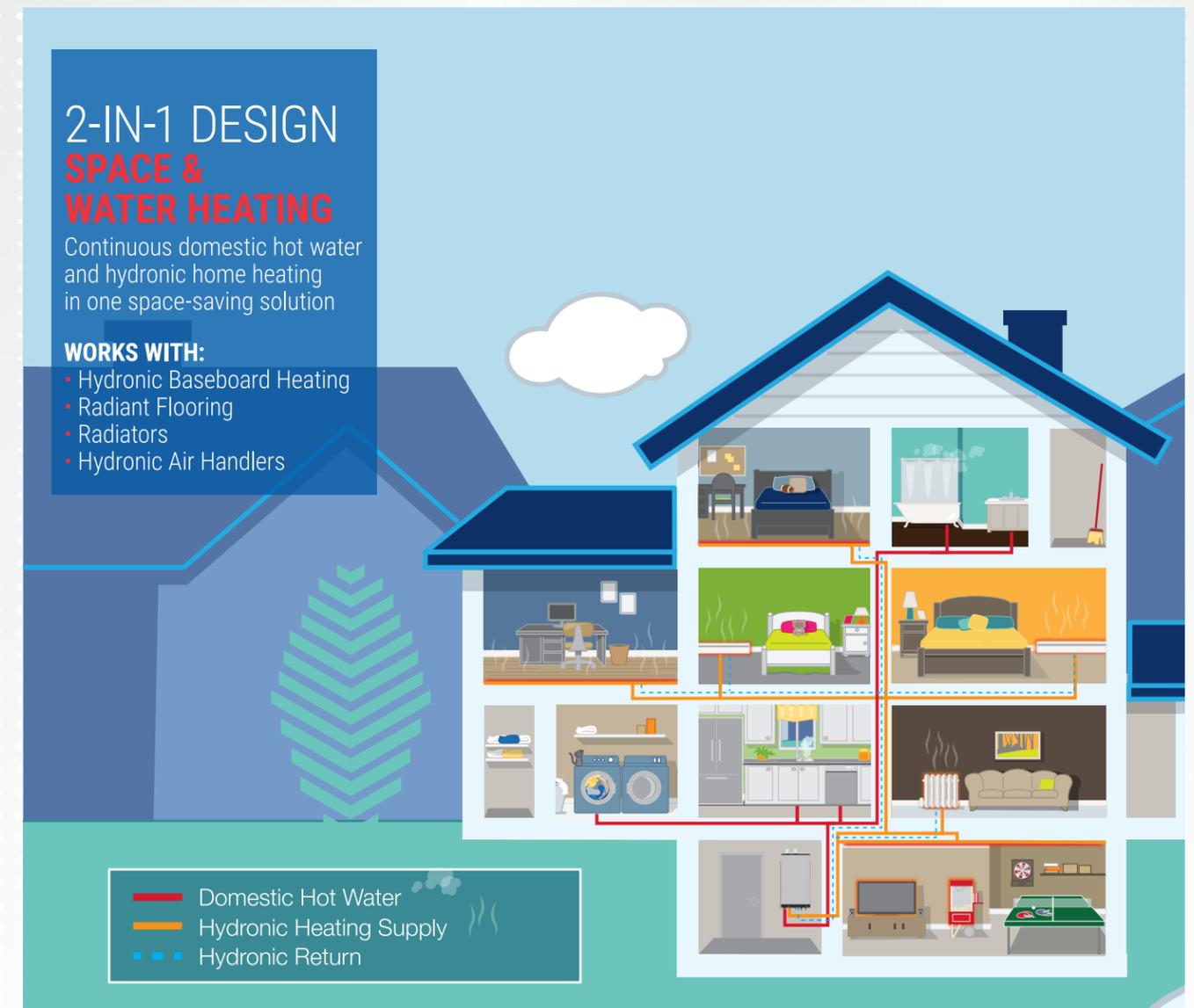
*Nominal Capacity

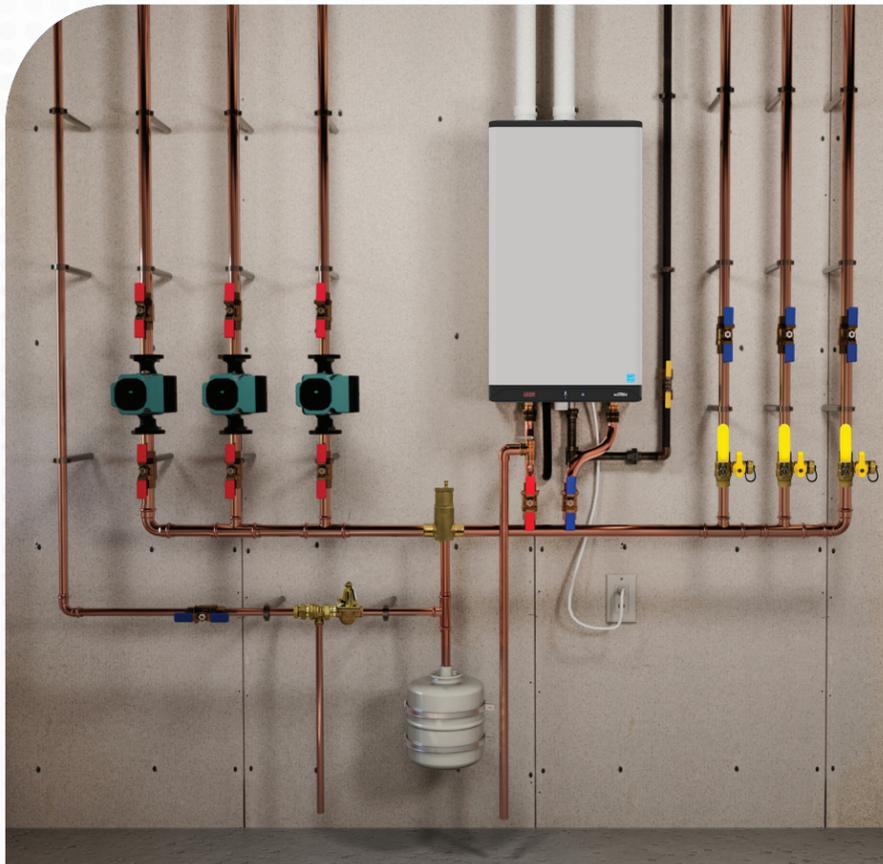
NAT Boilers & Combi Boilers LP

Delivering both space heating and domestic hot water in a compact, space-saving design, Richmond Boilers and Combi Boilers make it easy to heat your entire home while enjoying reliable hot water.

See product spec sheet for more information on individual water heater models.

DESCRIPTION			PERFORMANCE							DIMENSIONS		FUEL
MODEL NO.	SKU	MODEL INFO	MIN. INPUT RATE	MAX. INPUT RATE (HEAT)	MAX. OUTPUT RATE (HEAT)	MAX. INPUT RATE (WATER)	GPM @ 67°F RISE (WATER)	NUMBER OF BATHROOMS	WARRANTY (YEARS)	HEIGHT	WIDTH	FUEL TYPE
RMHBH-L99i	6651041	Super High Efficiency 99,000 BTU Boiler	15,500 BTU/h	99,000 BTU/h	89,000 BTU/h	N/A	N/A	N/A	10-Year Heat Exchanger / 5-Year Parts	32-1/2"	17-7/10"	Natural Gas Liquid Propane
RMHBH-L120i	6651042	Super High Efficiency 120,000 BTU Boiler	13,650 BTU/h	120,000 BTU/h	108,000 BTU/h	N/A	N/A	N/A	10-Year Heat Exchanger / 5-Year Parts	32-1/2"	17-7/10"	Natural Gas Liquid Propane
RMCBH-L125i	6651044	Super High Efficiency 125,000 BTU Combination Boiler	16,500 BTU/h	99,000 BTU/h	89,000 BTU/h	125,000 BTU/h	3.2	2	10-Year Heat Exchanger / 5-Year Parts	32-1/2"	17-7/10"	Natural Gas Liquid Propane
RMCBH-L160i	6651043	Super High Efficiency 160,000 BTU Combination Boiler	23,000 BTU/h	125,000 BTU/h	111,000 BTU/h	160,000 BTU/h	4.1	2-3	10-Year Heat Exchanger / 5-Year Parts	32-1/2"	17-7/10"	Natural Gas Liquid Propane
RMCBH-L199i	6651045	Super High Efficiency 199,000 BTU Combination Boiler	28,500 BTU/h	125,000 BTU/h	111,000 BTU/h	199,000 BTU/h	5	4	10-Year Heat Exchanger / 5-Year Parts	32-1/2"	17-7/10"	Natural Gas Liquid Propane





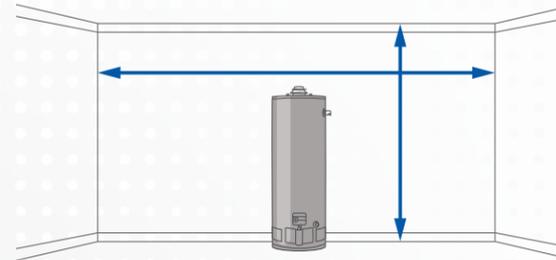
Combi Boilers offer 2-in-1 design for efficient space & water heating.

Boilers work with hydronic baseboard heating, radiant flooring, radiators and hydronic air handlers to provide hot water for hydronic heating applications.



3 Choose the right size for your space

Before making any decisions regarding what product you may want, you'll need to measure the height and diameter of the installation space.

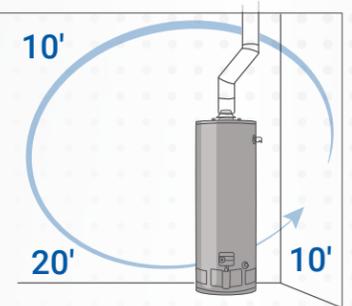


The installation area will require sufficient air space to ensure the product operates properly.

This may include intake and exhaust requirements. **NOTE:** Air requirement varies by fuel type; always check product specifications prior to purchasing.

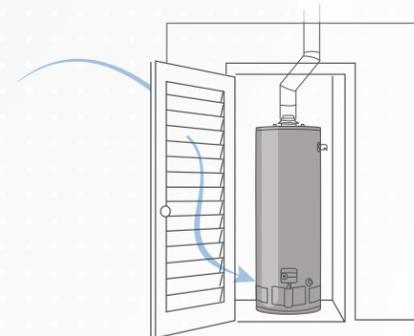
OPEN SPACE

In an open space, a water heater must have 2,000 ft³ of air flow for operation. To calculate cubic feet, measure length x width x height of your space. *Example: A 10' x 20' room with 10' ceilings = 2,000 ft³*



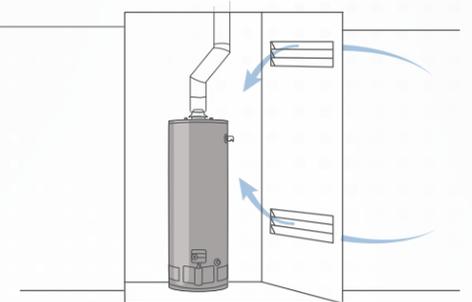
ENCLOSED SPACE

If installed in a closet, a full louvered door should be used to ensure adequate ventilation and circulation.



CONFINED SPACE

If installed in a smaller room, exterior vents no smaller than 100 in² each must be available to provide access to outside air for operation.*



If the water heater will be installed in a manufactured or mobile home, there are additional requirements and regulations to be considered.

*Based on a 40,000 BTU water heater. Allow 50 ft³ of air for every 1,000 BTUs. For exterior venting, ensure 1 in² for every 4,000 BTUs.

Choosing Between Tank & Tankless

TANK

Tank-type water heaters are known for their quick recovery rates and are the most-considered purchase option.

The initial cost of tank water heaters is generally less expensive than tankless water heaters, making them a budget-friendly option. Tank products come in multiple capacities to ensure you are meeting the hot water demands of the household.

Available models:



Standard Gas

Large storage tank holds water and continuously heats the water until needed.



Power Vent

Power Vent water heaters use a fan or blower to expel exhaust gases horizontally through a vent pipe. This allows for more flexible installation options since the venting does not need to be vertical. Power Vents are used when your water heater is in an area with no access to a vertical vent or chimney.



Direct Vent

Direct Vent water heaters draw air from outside for combustion and expel exhaust gases directly outside through a vertical or horizontal pipe. They do not rely on indoor air for combustion.



Power Direct Vent

A combination of power vent and direct vent engineering, Power Direct Vent water heaters have one pipe that brings in combustion air from outside and a second pipe that vents the exhaust gas with the assistance of a blower.



Mini-Tanks

Compact design for use almost anywhere. Mini-Tanks can be used as stand-alone tanks or added to standard tanks to increase hot water production.

Available fuel sources:

Natural Gas, Liquid Propane (LP) and Electric



Super High Efficiency Gas Water Heater

These models take sustainability to the max with efficient performance and innovative features that mean you don't have to choose between your sustainability goals and enjoying hot water.



Manufactured Home (Mobile Home)

These models are certified to meet manufactured (HUD) and modular construction requirements that are not available on standard water heaters. These products feature field-convertible controls for burner assembly for Natural Gas or Liquid Propane (LP).



Standard Electric

Large storage tank holds water and continuously heats the water until needed.



Heat Pump Water Heater

Pulls energy from the air around it to heat water, making it the most efficient water heating solution.



Compact Electric Water Heater

Small capacity tanks for instances where water demand does not require a large tank. UL-approved for manufactured homes.

Tankless Electric

Richmond Tankless Electric models have all the same benefits as our tankless gas models in addition to requiring no venting for easier installation. Tankless electric models are also available as point-of-use units, so you can choose between hot water for the whole-home or a specific area.

See product spec sheet for more information on individual water heater models.

DESCRIPTION			PERFORMANCE					DIMENSIONS		
MODEL NO.	SKU	MODEL INFO	kW	VOLTS	MAX. AMPS	MIN. FLOW RATE	MAX. FLOW RATE	WARRANTY (YEARS)	HEIGHT	WIDTH
RMTEX-04T	6835451	Essential® 3.5 kW Tankless Electric Water Heater	3.5 kW	120V	27 Amp	0.5	0.9	5-Year Heat Chamber / 1-Year Parts	7"	11"
RMTEX-06T	6835452	Essential® 6.5 kW Tankless Electric Water Heater	6.5 kW	240V	29 Amp	0.7	1.6	5-Year Heat Chamber / 1-Year Parts	7"	11"
RMTEX-08	6835462	Essential® 8 kW Tankless Electric Water Heater	8 kW	240V	33 Amp	0.8	2	5-Year Heat Chamber / 1-Year Parts	11-13/32"	7-29/32"
RMTEX-13	6835464	Essential® 13kW Tankless Electric Water Heater	13 kW	240V	54 Amp	1.3	3.2	5-Year Heat Chamber / 1-Year Parts	11-13/32"	7-29/32"
RMTEX-18	6835465	Essential® 18 kW Tankless Electric Water Heater	18 kW	240V	75 Amp	1.8	4.4	5-Year Heat Chamber / 1-Year Parts	17"	14"
RMTEX-24	6835466	Essential® 24 kW Tankless Electric Water Heater	24 kW	240V	100 Amp	2.4	5.9	5-Year Heat Chamber / 1-Year Parts	17"	17"
RMTEX-27	6835467	Essential® 27 kW Tankless Electric Water Heater	27 kW	240V	112.5 Amp	2.7	6.6	5-Year Heat Chamber / 1-Year Parts	17"	17"
RMTEX-36	6835468	Essential® 36 kW Tankless Electric Water Heater	36 kW	240V	150 Amp	3.6	8.8	5-Year Heat Chamber / 1-Year Parts	17"	21"



For illustration purposes only. Model performance may vary depending on your geographical location and installation options.



Tankless water heaters feature a compact design for installation in smaller spaces.

Provides **hot water** for your whole home—or great if you just need an **extra boost** for a remote bathroom, outdoor shower or garage.



TANKLESS

More efficient than tank water heaters and featuring a small footprint, tankless water heaters provide a continuous supply of hot water and offer cost savings by only heating water when it is needed.

Tankless products are ideal for households with high hot water demand. Select products are powered by EcoNet® technology, giving you complete control of your water heater—from adjusting water temperature to tracking energy usage—all from a smart phone (Wi-Fi required).

The compact design allows for installation with space constraints in addition to freeing up storage space. Tankless electric products can provide hot water to the whole home or as a point-of-use product where you need water.

Available fuel sources:
Natural Gas, Liquid Propane (LP) and Electric

Available models:

- Tankless Gas**
Offers continuous hot water in a compact space-saving design.
- Tankless Electric**
Offers continuous hot water in a compact space-saving design. Can provide hot water to the whole-home or a single space as a point-of-use model. No venting required.
- Point-of-Use Water Heaters**
These compact units are installed near the point of use, such as under sinks or in small spaces like RVs and boats. They provide hot water quickly and efficiently for localized needs.
- Combi Boilers**
Delivering both space heating and domestic hot water in a compact, space-saving design, Richmond Boilers and Combi Boilers make it easy to heat your entire home while enjoying reliable hot water.

NEXT GENERATION THINKING

Designed with lifetime sustainability in mind—from responsible material selection to smart features—these models give customers greater control over energy and water consumption, while reducing their environmental impact.

- Heat Pump Water Heaters**
Richmond Heat Pump Water Heaters offer up to 4X (hybrid electric models) or 5X (plug-in models) the efficiency of standard electric models.¹
- Tankless Water Heaters**
Delivering continuous hot water to meet demand, Tankless Water Heaters provide enough hot water for back-to-back showers, laundry, dishes and more.

¹Based on the comparison of a 50-gallon Richmond Hybrid Electric model to a standard electric water heater of like capacity with minimum efficiency.

An Overview of the Richmond® Family of Products

Models that scale up—or down—based on your needs and budget

Every home has different comfort requirements, which is why Richmond offers three different product tiers, the Essential Series, Essential Plus Series and Encore Series. These options allow you to pick the comfort solution that best fits your household—without compromising on savings or performance.



Essential® Series

6-Year tank and parts limited factory warranty

2-Year labor in-home warranty



Essential Plus® Series

EverKleen® system reduces sediment buildup for improved efficiency

Diagnostic LED monitor lets you know the tank is operating properly (only on electric models)

Diagnostic gas valve with push-button ignition system monitors and regulates performance

Upgraded anode rod for enhanced tank protection

9-Year tank and parts limited factory warranty

2-Year labor in-home warranty



Encore® Series

LeakGuard™ leak detection auto shut-off system

Built-in Wi-Fi Powered by EcoNet® technology allows complete control from a mobile device¹



The ability to track water usage and adjust water temperature

Homeowners can receive maintenance alerts and updates

Premium grade anode rod for long-lasting tank protection

10- or 12-Year tank and parts limited factory warranty

Up to 2-Year labor in-home warranty



NOTE: Not all features listed are available on all models.

¹Wi-Fi broadband connection and EcoNet App required; notifications are dependent on external factors beyond our control; EcoNet is a registered trademark of Rheem Manufacturing company.



Richmond Tankless Gas models are a compact, space-saving option. Plus, they're incredibly energy efficient—only producing hot water when you need it, so you're constantly saving money and energy.

[See product spec sheet for more information on individual water heater models.](#)

DESCRIPTION			PERFORMANCE				DIMENSIONS		FUEL	
MODEL NO.	SKU	MODEL INFO	MAX. INPUT RATE	MAX. FLOW RATE	GPM @ 67 DEGREE RISE	NUMBER OF PEOPLE	WARRANTY (YEARS)	HEIGHT	WIDTH	FUEL TYPE
RMTGHSR84IN	6832739	Encore® S/SR Series Super High Efficiency Condensing Tankless 8.4 GPM Gas Water Heater with Wi-Fi	157,000 BTU/h	8.4 GPM	4.6 GPM	Up to 3 People	15-Year Heat Exchanger / 5-Year Parts	28-9/16"	17-5/16"	Natural Gas
RMTGHSR84IP	6832738	Encore® S/SR Series Super High Efficiency Condensing Tankless 8.4 GPM Water Heater with Wi-Fi	157,000 BTU/h	8.4 GPM	4.6 GPM	Up to 3 People	15-Year Heat Exchanger / 5-Year Parts	28-9/16"	17-5/16"	Liquid Propane
RMTGHSR10IN	6832735	Encore® S/SR Series Super High Efficiency Condensing Tankless 10.1 GPM Water Heater with Wi-Fi	180,000 BTU/h	10.1 GPM	5.3 GPM	Up to 3 People	15-Year Heat Exchanger / 5-Year Parts	28-9/16"	17-5/16"	Natural Gas
RMTGHSR10IP	6832734	Encore® S/SR Series Super High Efficiency Condensing Tankless 10.1 GPM Water Heater with Wi-Fi	180,000 BTU/h	10.1 GPM	5.3 GPM	Up to 3 People	15-Year Heat Exchanger / 5-Year Parts	28-9/16"	17-5/16"	Liquid Propane
RMTGHSR11IN	6832737	Encore® S/SR Series Super High Efficiency Condensing Tankless 11.2 GPM Water Heater with Wi-Fi	199,900 BTU/h	11.2 GPM	5.9 GPM	Up to 4 People	15-Year Heat Exchanger / 5-Year Parts	28-9/16"	17-5/16"	Natural Gas
RMTGHSR11IP	6832736	Encore® S/SR Series Super High Efficiency Condensing Tankless 11.2 GPM Water Heater with Wi-Fi	199,900 BTU/h	11.2 GPM	5.9 GPM	Up to 4 People	15-Year Heat Exchanger / 5-Year Parts	28-9/16"	17-5/16"	Liquid Propane
RMTGH84DVLN-3	6831162	Encore® Super High Efficiency Tankless 8.4 GPM Water Heater	157,000 BTU/h	8.4 GPM	4.6 GPM	Up to 3 People	15-Year Heat Exchanger / 5-Year Parts	23.7"	17.7"	Natural Gas
RMTGH84DVLN-3	6831163	Encore® Super High Efficiency Tankless 8.4 GPM Water Heater	157,000 BTU/h	8.4 GPM	4.6 GPM	Up to 3 People	15-Year Heat Exchanger / 5-Year Parts	23.7"	17.7"	Liquid Propane
RMTGH95DVELN-3	6831166	Encore® Super High Efficiency Tankless 9.5 GPM Water Heater with Wi-Fi	199,900 BTU/h	9.5 GPM	5.7 GPM	Up to 4 People	15-Year Heat Exchanger / 5-Year Parts	23.7"	17.7"	Natural Gas
RMTGH95DVELP-3	6831167	Encore® Super High Efficiency Tankless 9.5 GPM Water Heater with Wi-Fi	199,900 BTU/h	9.5 GPM	5.7 GPM	Up to 4 People	15-Year Heat Exchanger / 5-Year Parts	23.7"	17.7"	Liquid Propane



Delivers continuous hot water

to meet the demand for hot water –for back-to-back showers, laundry, dishes and more.



Exclusive Hot Start Programming™

eliminates cold-water bursts during start-and-stop situations.

Save Energy. Save Money.

Tankless water heaters only heat water when needed, **reducing** energy use and **lower** utility bills.



Benefits of Richmond Water Heaters

You can feel confident selecting Richmond® water heaters



Next generation thinking

Richmond products are designed with lifetime sustainability in mind—from material selection to state-of-the-art features to responsible recycling.

Industry-best warranties

Options include 6-, 9-, 10- and 12-Year warranties on products, plus in-home labor coverage up to two years.

Learn more at

RichmondWaterHeaters.com/Sustainability



Peace-of-mind savings

High-efficiency products offer local utility rebates, along with long term energy savings.

NOTE: Check with your local utility company for available rebates.

State-of-the-art Features & Innovations

When it comes to special features, Richmond has an extensive selection of products utilizing industry-leading technology. Check out some of our highlighted features below (available on select models):

Earth-friendly

- High-efficiency models available
- Qualifies for local utility rebates
NOTE: Check with your local utility company for available rebates.
- Continuous hot water (tankless models)

Advanced performance

- Built-in EcoNet® Wi-Fi technology provides temperature control and immediate notification about leaks and service needs from anywhere¹
- Demand response ready EcoPort™ (CTA-2045 port) built-in for easy connection to utility demand response programs
- LeakGuard™ and LeakSense™ built-in leak detection and prevention systems
- Easy-to-use LED interfaces and diagnostic LCD displays

Built to last

- Enhanced-flow brass drain valve
- EverKleen® system reduces sediment build-up
- Industry-best warranties
- Flammable vapor detection uses exclusive fuel / air shut-off device for double protection, is maintenance-free and automatically disables the heater in the presence of flammable vapor accumulation

¹Wi-Fi broadband connection and EcoNet App required; notifications are dependent on external factors beyond our control; EcoNet is a registered trademark of Rheem Manufacturing company.

Models with lower BTUs
use less fuel;
 higher BTU models
 heat water quicker, which means
MORE hot water FASTER!



Consider a
larger tank capacity
 for
more hot water,
 running back-to-back showers
 and keeping up with
 a growing household.

Electronic gas valve
 with push-button
 ignition system for
match-free lighting
 &
system monitoring
 for peace of mind.



Heat Pump Water Heaters

Designed to help reduce household emissions, heat pump water heaters deliver dependable hot water with impressive energy savings. Richmond models offer up to 4X (hybrid electric models) or 5X (plug-in models) the efficiency of standard electric models.¹

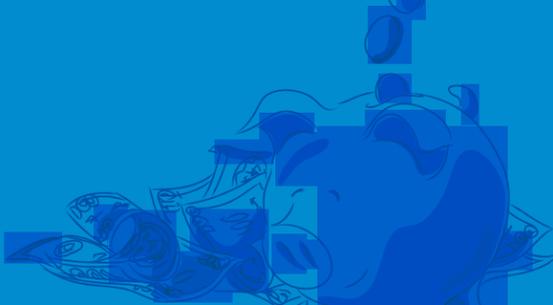
[See product spec sheet for more information on individual water heater models.](#)

DESCRIPTION				PERFORMANCE			DIMENSIONS	
MODEL NO.	SKU	MODEL INFO	NOMINAL GALLON CAPACITY	NUMBER OF PEOPLE	kW	WARRANTY (YEARS)	HEIGHT	DIAMETER
10E40-HP5U30	6835550	Encore® 40 Gallon Hybrid Electric Heat Pump Water Heater (30 Amp)	40	Up to 3 People	4.5	10-Year Tank / 2-Year Labor	64-15/16"	20-1/4"
10E50-HP5U30	6835555	Encore® 50 Gallon Hybrid Electric Heat Pump Water Heater (30 Amp)	50	Up to 4 People	4.5	10-Year Tank / 2-Year Labor	64-3/8"	22-1/4"
10E65-HP5U30	6835553	Encore® 65 Gallon Hybrid Electric Heat Pump Water Heater (30 Amp)	65	5 or More People	4.5	10-Year Tank / 2-Year Labor	66-13/16"	22-1/5"
10E80-HP5U30	6835559	Encore® 80 Gallon Hybrid Electric Heat Pump Water Heater (30 Amp)	80	5 or More People	4.5	10-Year Tank / 2-Year Labor	76-13/16"	22-1/6"
10E40-HP5US30	6835557	Encore® 40 Gallon Hybrid Electric Heat Pump Water Heater with LeakGuard™	40	Up to 3 People	4.5	10-Year Tank / 2-Year Labor	67-7/16"	22-1/7"
10E50-HP5US30	6835552	Encore® 50 Gallon Hybrid Electric Heat Pump Water Heater with LeakGuard™	50	Up to 4 People	4.5	10-Year Tank / 2-Year Labor	66-7/8"	22-1/8"
10E65-HP5US30	6835558	Encore® 65 Gallon Hybrid Electric Heat Pump Water Heater with LeakGuard™	65	5 or More People	4.5	10-Year Tank / 2-Year Labor	69-5/16"	22-1/9"
10E80-HP5US30	6835561	Encore® 80 Gallon Hybrid Electric Heat Pump Water Heater with LeakGuard™	82	5 or More People	4.5	10-Year Tank / 2-Year Labor	79-5/16"	22-1/10"



¹Based on the comparison of a 50-gallon Richmond Hybrid Electric model to a standard electric water heater of like capacity with minimum efficiency.

Smart Investment



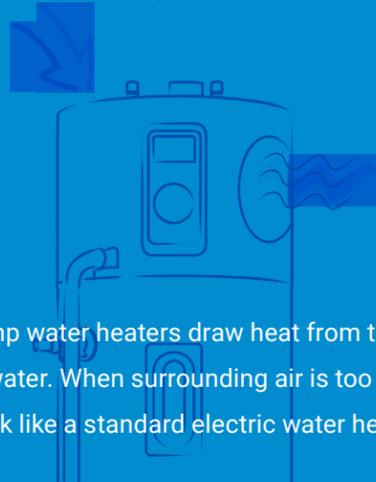
With utility rebates and energy cost savings, Heat Pump Water Heaters can pay for themselves.¹

Simplified Installation



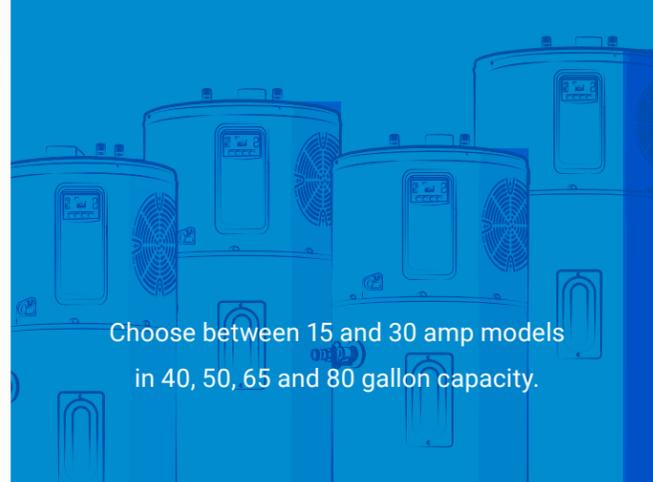
Products are designed with advanced features to make replacement of traditional water heaters easy.

Earth-friendly Performance



Heat pump water heaters draw heat from the air to heat water. When surrounding air is too cold, they work like a standard electric water heater.

Available in 4 Sizes



Choose between 15 and 30 amp models in 40, 50, 65 and 80 gallon capacity.

Why the Richmond Hybrid Electric Heat Pump Water Heater Stands Out

- 4X the efficiency of a standard electric water heater²
- Same diameter as a standard electric water heater
- Universal top and side water connections
- Duct-ready design: bendable tabs for ease of installation
- Great option for tight spaces, like closets
- LeakGuard™ system auto shut-off valve available



Visit RichmondWaterHeaters.com/heatpumpwaterheaters to learn more

¹Based on the comparison of a 50-gallon Richmond Hybrid Electric model to a standard electric water heater of like capacity with minimum efficiency; Payback based on average retail cost difference less available tax credits, rebates and annual operating costs savings.²Based on comparison of 40- and 50-gallon Richmond Hybrid Electric Heat Pump water heaters and standard gas ULN water heaters of like capacity. ³Based on review of water heaters available in the US market as of January 2024.



From traditional to super high efficiency, the Richmond® brand offers a range of trusted water heaters. Our collection of gas water heaters highlights the perfect balance of performance, features and efficiency for every home's lifestyle and budget.

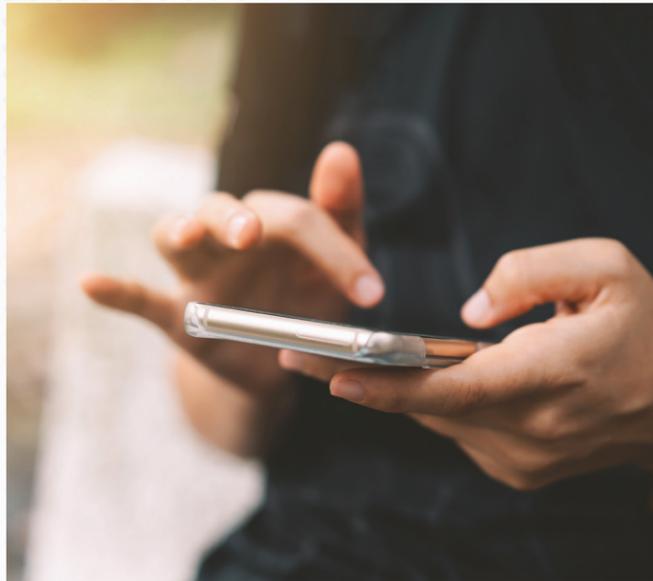
See product spec sheet for more information on individual water heater models.

DESCRIPTION				PERFORMANCE			DIMENSIONS		FUEL
MODEL NO.	SKU	MODEL INFO	NOMINAL GALLON CAPACITY	NUMBER OF PEOPLE	BTU	WARRANTY (YEARS)	HEIGHT	DIAMETER	FUEL TYPE
6G30-30PF3	6837019	Essential® 29 Gallon 30,000 BTU Water Heater	29	Up to 3 People	30,000	6-Year Tank / 2-Year Labor	56-7/8"	16-1/2"	Liquid Propane
6G30-32F3	6837005	Essential® 29 Gallon 32,000 BTU Water Heater	29	Up to 3 People	32,000	6-Year Tank / 2-Year Labor	56-7/8"	16-1/2"	Natural Gas
6G30S-30F3	6837032	Essential® 30 Gallon 30,000 BTU Water Heater	30	Up to 3 People	30,000	6-Year Tank / 2-Year Labor	47"	19-3/4"	Natural Gas
6G40-32PF3	6835269	Essential® 40 Gallon 32,000 BTU Water Heater	40	Up to 3 People	32,000	6-Year Tank / 2-Year Labor	58-1/2"	18-1/2"	Liquid Propane
6G40-36F3	6835139	Essential® 40 Gallon 36,000 BTU Water Heater	40	Up to 3 People	36,000	6-Year Tank / 2-Year Labor	58-1/2"	19"	Natural Gas
6G40S-31PF3	6835287	Essential® 40 Gallon 31,000 BTU Water Heater	40	Up to 3 People	31,000	6-Year Tank / 2-Year Labor	52-1/8"	21"	Liquid Propane
6G40S-34F3	6835134	Essential® 40 Gallon 34,000 BTU Water Heater	40	Up to 3 People	34,000	6-Year Tank / 2-Year Labor	49-1/4"	21"	Natural Gas
6G40S-35PF3	6835181	Essential® 40 Gallon 35,000 BTU Water Heater	40	Up to 3 People	35,000	6-Year Tank / 2-Year Labor	53-1/4"	21-3/8"	Liquid Propane
6G50-36PF3	6835309	Essential® 50 Gallon 36,000 BTU Water Heater	50	Up to 4 People	36,000	6-Year Tank / 2-Year Labor	58-3/8"	20-1/2"	Liquid Propane
6G50-38F3	6835177	Essential® 50 Gallon 38,000 BTU Water Heater	50	Up to 4 People	38,000	6-Year Tank / 2-Year Labor	58-3/8"	20-1/2"	Natural Gas
6G50-60F3	6835135	Essential® 48 Gallon 60,000 BTU Tank Water Heater	48	Up to 4 People	60,000	6-Year Tank / 2-Year Labor	58-1/2"	21-3/4"	Natural Gas
6G50S-40F3	6835137	Essential® 50 Gallon 40,000 BTU Water Heater	50	Up to 4 People	40,000	6-Year Tank / 2-Year Labor	51"	23-3/4"	Natural Gas
6G55-50F3	6835239	Essential® 55 Gallon 50,000 BTU Water Heater	55	Up to 4 People	50,000	6-Year Tank / 2-Year Labor	55-7/8"	23-3/4"	Natural Gas
6GR40PVE2-36P	6835281	Essential® 40 Gallon 36,000 BTU Power Vent Water Heater	40	Up to 3 People	36,000	6-Year Tank / 2-Year Labor	59"	19-3/4"	Liquid Propane
6GR40PVE2-40	6835171	Essential® 40 Gallon 40,000 BTU Power Vent Water Heater	40	Up to 3 People	40,000	6-Year Tank / 2-Year Labor	59"	19-3/4"	Natural Gas
6GR40SPVE2-32P	6835231	Essential® 40 Gallon 32,000 BTU Power Vent Water Heater	40	Up to 3 People	32,000	6-Year Tank / 2-Year Labor	51-1/4"	21-3/4"	Liquid Propane
6GR40SPVE2-36	6835168	Essential® 40 Gallon 36,000 BTU Power Vent Water Heater	40	Up to 3 People	36,000	6-Year Tank / 2-Year Labor	51-1/4"	21-3/4"	Natural Gas
6GR50PVE2-42	6835200	Essential® 50 Gallon 42,000 BTU Power Vent Water Heater	50	Up to 4 People	42,000	6-Year Tank / 2-Year Labor	58"	21-3/4"	Liquid Propane
6GR50PVE2-42P	6835352	Essential® 50 Gallon 42,000 BTU Power Vent Water Heater	50	Up to 4 People	42,000	6-Year Tank / 2-Year Labor	58"	21-3/4"	Liquid Propane
6GR50SPVE2-32P	6835238	Essential® 50 Gallon 32,000 BTU Power Vent Water Heater	50	Up to 4 People	32,000	6-Year Tank / 2-Year Labor	51-3/4"	23-3/4"	Liquid Propane
6GR50SPVE2-36	6835201	Essential® 50 Gallon 36,000 BTU Power Vent Water Heater	50	Up to 4 People	36,000	6-Year Tank / 2-Year Labor	51-3/4"	23-3/4"	Natural Gas
6G75-76F	6835240	Essential Plus® 75 Gallon 75,100 BTU Water Heater	75	5 People or More	75,100	6-Year Tank / 2-Year Labor	60"	26-1/4"	Natural Gas
6G75-76PF	6835140	Essential Plus® 75 Gallon 75,100 BTU Water Heater	75	5 People or More	75,100	6-Year Tank / 2-Year Labor	60"	14-3/4"	Liquid Propane
6G75PV-76FW	6837230	Essential Plus® 75 Gallon 75,100 BTU Heavy Duty Power Vent Water Heater	75	5 People or More	75,100	6-Year Tank / 2-Year Labor	60-1/4"	26-1/4"	Natural Gas
6G75PV-76PFW	6835286	Essential Plus® 75 Gallon 75,100 BTU Heavy Duty Power Vent Water Heater	75	5 People or More	75,100	6-Year Tank / 2-Year Labor	60-1/4"	26-1/4"	Liquid Propane
9G40-38F3	6835147	Essential Plus® 40 Gallon 38,000 BTU Water Heater	40	Up to 3 People	38,000	9-Year Tank / 2-Year Labor	58-1/2"	19"	Natural Gas
9G40S-38F3	6837145	Essential Plus® 40 Gallon 38,000 BTU Water Heater	40	Up to 3 People	38,000	9-Year Tank / 2-Year Labor	50-1/4"	21-3/8"	Natural Gas
9G50-38F3	6835190	Essential Plus® 50 Gallon 38,000 BTU Water Heater	50	Up to 4 People	38,000	9-Year Tank / 2-Year Labor	58-3/8"	20-1/2"	Natural Gas
12GR40-40F3	6835166	Encore® 40 Gallon 40,000 BTU Water Heater	40	Up to 3 People	40,000	12-Year Tank / 2-Year Labor	60"	19-1/2"	Natural Gas
12GR50-40F	6835178	Encore® 50 Gallon 40,000 BTU Water Heater	50	Up to 4 People	40,000	12-Year Tank / 2-Year Labor	59-1/4"	21-1/2"	Natural Gas
12G30-60	6835195	Encore® XR90 29 Gallon 60,000 BTU Water Heater	29	Up to 3 People	60,000	12-Year Tank / 2-Year Labor	58-1/4"	17-3/4"	Natural Gas
12G40-40E2	6835256	Encore® 38 Gallon 140,000 BTU Water Heater	38	Up to 3 People	40,000	12-Year Tank / 2-Year Labor	57-3/4"	19-3/4"	Natural Gas
12G50-40E2	6835260	Encore® 50 Gallon 40,000 BTU Water Heater	50	Up to 4 People	40,000	12-Year Tank / 2-Year Labor	58"	21-3/4"	Natural Gas
12G50S-36PE2	6835261	Encore® 50 Gallon 36,000 BTU Water Heater	50	Up to 4 People	36,000	12-Year Tank / 2-Year Labor	50-1/2"	23-3/4"	Liquid Propane
12G50S-40E2	6835262	Encore® 50 Gallon 40,000 BTU Water Heater	50	Up to 4 People	40,000	12-Year Tank / 2-Year Labor	50-1/2"	23-3/4"	Natural Gas

LeakGuard™
Auto Shut-off Valve
 shuts off incoming water
 at the tank inlet in the
 event of a leak
 in the water heater.¹



Water heaters powered by
EcoNet® technology
 allow you to control
 and monitor your
 water heater from your
 smartphone and the
free EcoNet app.²



EverKleen™ system
 reduces sediment buildup
 and extends the life
 of the tank.



¹Applies to Hybrid with LeakGuard models only.

²Wi-Fi broadband connection and EcoNet App required; notifications are dependent on external factors beyond our control; EcoNet is a registered trademark of Rheem Manufacturing company.

Electric Tanks

Richmond's collection of electric water heaters offers a convenient water heating solution and includes a range of tanks for your unique hot water needs.

See product spec sheet for more information on individual water heater models.

DESCRIPTION				PERFORMANCE			DIMENSIONS	
MODEL NO.	SKU	MODEL INFO	NOMINAL GALLON CAPACITY	NUMBER OF PEOPLE	kW	WARRANTY (YEARS)	HEIGHT	DIAMETER
MR30245C	6837895	Rheem® Marathon® 30 Gallon Water Heater	30	Up to 2 People	4.5	Lifetime Tank / 6-Year Parts	49"	21-5/8"
MR40245	6835191	Rheem® Marathon® 40 Gallon Water Heater	40	Up to 3 People	4.5	Lifetime Tank / 6-Year Parts	61-1/2"	21-3/4"
MR50245	6837840	Rheem® Marathon® 50 Gallon Water Heater	50	Up to 4 People	4.5	Lifetime Tank / 6-Year Parts	62-3/4"	23-1/2"
MSR50245	6835194	Rheem® Marathon® 50 Gallon Short Water Heater	50	Up to 4 People	4.5	Lifetime Tank / 6-Year Parts	43-1/4"	28-1/4"
6ES30-D	6837470	Essential® 28 Gallon Short Water Heater	28	Up to 2 People	4.5	6-Year Tank / 2-Year Labor	30"	23"
6EM30-D	6837428	Essential® 30 Gallon Water Heater	30	Up to 2 People	4.5	6-Year Tank / 2-Year Labor	37-1/2"	20-1/4"
6E30-D	6837348	Essential® 30 Gallon Water Heater	30	Up to 2 People	4.5	6-Year Tank / 2-Year Labor	47-1/2"	19"
6ESB28-1	6837349	Essential® 28 Gallon Water Heater	28	Up to 2 People	4.5	6-Year Tank / 2-Year Labor	30"	19-3/4"
6ESB40-2	6837006	Essential® 38 Gallon Short Water Heater with Insulating Blanket	38	Up to 3 People	4.5	6-Year Tank / 2-Year Labor	31-1/2"	23"
6ES40-D	6837487	Essential® 36 Gallon Short Water Heater	36	Up to 3 People	4.5	6-Year Tank / 2-Year Labor	31-1/2"	24-1/4"
6EM40-D	6835049	Essential® 36 Gallon 6-Year Water Heater	40	Up to 3 People	4.5	6-Year Tank / 2-Year Labor	48-3/8"	20-1/4"
6E40-D	6835051	Essential® 40 Gallon Tall Tank Water Heater	40	Up to 3 People	4.5	6-Year Tank / 2-Year Labor	60-3/4"	19-1/4"
6EM50-D	6837445	Essential® 50 Gallon Medium Water Heater	50	Up to 4 People	4.5	6-Year Tank / 2-Year Labor	48"	23"
6E50-D	6835070	Essential® 50 Gallon 6-Year Tall Tank Water Heater	50	Up to 4 People	4.5	6-Year Tank / 2-Year Labor	58-5/8"	20-3/8"
9EM40-DEL	6835151	Essential Plus® 40 Gallon Medium Tank Water Heater	40	Up to 3 People	4.5	9-Year Tank / 2-Year Labor	48-1/4"	20-1/4"
9E50-D	6835197	Essential Plus® 50 Gallon Tall Water Heater	50	Up to 4 People	4.5	9-Year Tank / 2-Year Labor	58-5/8"	20-1/4"
9E50-DEL	6835074	Essential Plus® 50 Gallon Tall Tank Water Heater	50	Up to 4 People	4.5	9-Year Tank / 2-Year Labor	58-5/8"	20-3/8"
9EM50-DEL	6835152	Essential Plus® 50 Gallon Medium Water Heater	50	Up to 4 People	4.5	9-Year Tank / 2-Year Labor	48"	23"
12E50-DCS	6838607	Encore® 50 Gallon Tall Smart Tank Water Heater with LeakGuard™	50	Up to 4 People	5.5	12-Year Tank / 2-Year Labor	58-3/8"	20-1/4"
12E55-DCS	6838608	Encore® 55 Gallon Tall Smart Tank Water Heater with LeakGuard™	55	Up to 4 People	5.5	12-Year Tank / 2-Year Labor	57"	22-1/4"
12EM40-DCS	6838610	Encore® 40 Gallon Medium Smart Tank Water Heater with LeakGuard™	40	Up to 3 People	5.5	12-Year Tank / 2-Year Labor	48-3/8"	20-1/4"
12EM50-DCS	6838609	Encore® 50 Gallon Medium Smart Tank Water Heater with LeakGuard™	50	Up to 4 People	5.5	12-Year Tank / 2-Year Labor	48"	22-1/4"

DESCRIPTION				PERFORMANCE			DIMENSIONS	
MODEL NO.	SKU	MODEL INFO	NOMINAL GALLON CAPACITY	NUMBER OF PEOPLE	kW	WARRANTY (YEARS)	HEIGHT	DIAMETER
6MT1-1	6835005	Essential® Mini-Tank 1.5 Gallon Point-of-Use Water Heater	1.5	Up to 2 People	1.44	6-Year Tank / 2-Year Labor	15-1/2"	9-3/4"
6MT2-1	6835006	Essential® Mini-Tank 2.5 Gallon Point-of-Use Water Heater	2.5	Up to 2 People	1.44	6-Year Tank / 2-Year Labor	17"	11"
6MT4-1	6835007	Essential® Mini-Tank 4 Gallon Point-of-Use Water Heater	4	Up to 2 People	1.44	6-Year Tank / 2-Year Labor	18-1/4"	12-3/4"
6MT6-1	6835008	Essential® Mini-Tank 6 Gallon Point-of-Use Water Heater	6	Up to 2 People	1.44	6-Year Tank / 2-Year Labor	21"	14-1/4"
6EP2-1	6835004	Essential® 2.5 Gallon Point-of-Use Single-Element Water Heater	2.5	Up to 2 People	1.44	6-Year Tank / 2-Year Labor	14"	9-3/4"
6EP6-1	6835017	Essential® 6 Gallon Point-of-Use Single-Element Water Heater	6	Up to 2 People	2	6-Year Tank / 2-Year Labor	15-1/4"	15-3/4"
6EP10-1	6837701	Essential® 10 Gallon Point-of-Use Single-Element Water Heater	10	Up to 2 People	2	6-Year Tank / 2-Year Labor	23"	15-3/4"
6EP15-1	6837727	Essential® 15 Gallon Point-of-Use Single-Element Water Heater	15	Up to 2 People	2	6-Year Tank / 2-Year Labor	24-1/4"	17-3/4"
6EP20-1	6835020	Essential® 20 Gallon Point-of-Use Single-Element Water Heater	20	Up to 2 People	2	6-Year Tank / 2-Year Labor	25-1/4"	19-3/4"
6EP30-D	6835183	Essential® 30 Gallon Point-of-Use Dual-Element Water Heater	30	Up to 2 People	2	6-Year Tank / 2-Year Labor	31-7/8"	22-1/4"
6EP30-S	6835288	Essential® 30 Gallon Point-of-Use Single-Element Water Heater	30	Up to 2 People	2	6-Year Tank / 2-Year Labor	31-7/8"	22-1/4"