

**Continuous Hot Water...**  
*when you need it. It's that simple.*

The popularity of oversize tubs is growing, and so is the demand for large volumes of low-cost hot water. The Richmond Encore Tankless provides a compact solution for a continuous supply of energy-efficient hot water that won't run out.

**Energy-Efficient Design...**  
*low-cost operation.*

Why keep 40-50 gallons of water hot when you don't need it? It's expensive to continue to heat and re-heat water when you're not home or not using it. Richmond's Encore tankless design offers convenience without the high cost of keeping water hot.

**Compact Size...**  
*good things do come in small packages.*

Richmond Encore Tankless is about one third the size of a conventional water heater. Sophisticated technology has reduced the size and increased the features and benefits. A digital display makes setting a precise water temperature, or monitoring the unit's status, a snap! Its compact size will leave room for a water softener or extra storage.

**Precise Temperature Control**

Many user and installer-friendly features make the Richmond Encore Tankless the easiest tankless water heater to own. The digital display makes it simple to set the water temperature. Simply set the desired temperature and walk away. Because the water is heated only when it is needed, the outgoing water temperature remains constant.

**Self-Diagnostic**

Should maintenance be required, the unit's self-diagnostic system will display a maintenance code, which makes troubleshooting quick, accurate and less expensive.

**EZ-Link™ Cable**

EZ-Link cable connects two tankless units to operate as one – now available for high demand applications.

**Richmond Quality**

We are committed to providing the highest quality product to customers. The Richmond Encore Tankless is no exception. The specially designed features have been field and laboratory tested to ensure consistent, precise operation to meet our quality standards.



**Encore™  
TANKLESS**  
Gas Water Heaters  
from Richmond™



Use as an energy-efficient water heater. Use larger models for multiple use applications, smaller models for single use applications.

Perfect for handling the hot water demands of today's oversize tubs.

Heat water for a vacation home without the inconvenience of emptying and refilling a tank-style water heater each season.

Provides an ideal solution when space is an issue.

**Mission Statement**

Rheem will be the preferred provider of water heating solutions in North America through unequaled product quality and performance, with a passionate focus on the customer.

**Quality Policy**

It is our policy to promote a culture of continual improvement that is committed to exceeding customer expectations and requirements, by providing products and services of excellent quality.

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



Encore™ Tankless  
Gas Water Heaters  
from Richmond™



**Think TANKLESS!**

- Endless hot water
- Energy-efficient, compact, space-saving design
- Eco-friendly
- Electronically controlled
- Self-diagnostic
- Remote digital display thermostat



...and more!

See inside.



# Richmond™ Encore™ TANKLESS



These innovative, new tankless gas water heaters provide a continuous supply of hot water from an energy-efficient and space-saving design – about the size of a medicine cabinet.

- UMC-117 remote control is included and can be set from the out-of-the-box 120 degrees – up to a 140 degree maximum (additional remote control thermostats are available – sold separately)
- EZ-Link™ cable connects two tankless units to operate as one – now available for high demand applications
- **Exclusive!** Guardian SBT™ sensing burner technology
- **Exclusive!** Guardian OFW™ overheat film wrap
- **Exclusive!** High-altitude capability options – up to 9,840 ft. elevation above sea level (altitude chip required for select models – sold separately)
- **Exclusive!** All Richmond Encore models can be linked in up to 20 unit manifold installations by using the optional MIC-180 and MICS-180 manifold control assembly
- All Richmond Encore tankless models are third-party efficiency certified by GAMA
- Continuous hot water
- Energy saving design
- Compact, space saving design
- Intelligent electronic controls designed to increase energy efficiency and safety
- Self diagnostic program
- Digital display shows temperature setting and maintenance codes
- Built-in electric blower
- Indoor units use Category III stainless steel vents and vent horizontally or vertically
- Indoor models supplied with a 120 volt power cord
- Environmentally friendly Low NOx burner meets SCAQMD rule 1146 requirements
- Installation vent kits available – sold separately
- RMTG-53 models feature freeze protection to -20°F; RMTG-66 and RMTG-74 models feature freeze protection to -30°F

## Limited Warranty

**RMTG-53, RMTG-66 and RMTG-74 models:**

12-Year on heat exchanger, 5-Year on parts, 1-Year on labor\*

\* See Residential Warranty Information Brochures for complete warranty information.

## Certifications and Ratings

These units are designed to meet or exceed ANSI (American National Standards Institute) requirements and have been tested according to D.O.E. test procedures and meet or exceed the energy efficiency requirements of NAECA, ASHRAE standard 90, ICC Code and all state energy efficiency performance criteria for energy consuming appliances.

## 1-2 BATHROOM HOMES



### RMTG-53 Series

Indoor Power Vent, Direct Vent and Outdoor models. RMTG-53PV, RMTG-53DV, RMTG-53X – Natural or LP Gas. Remote Control.

## 2-3 BATHROOM HOMES



### RMTG-66 Series

Indoor Direct Vent model. RMTG-66DV – Natural or LP Gas. Remote Control.

## 3 BATHROOM HOMES



### RMTG-74 Series

Indoor Power Vent, Direct Vent and Outdoor models. RMTG-74PV, RMTG-74DV, RMTG-74X – Natural or LP Gas. Remote Control.

## 3 OR MORE BATHROOM HOMES



### EZ-Link™ Cable System

53, 66 and 74 series tankless installations are easily expandable. For high demand applications you can connect two identical Richmond Encore tankless units to operate together. Contact dealer or factory for details.

These selections are based on typical showers & faucets operating simultaneously at 65° F ground water.

Typical shower – up to 2.5 gallons of water flow per minute; typical faucets – up to 2 gallons of water flow per minute. Model selections and availability are subject to change without notice.

MODEL NUMBER	GAS INPUT BTU/H	TYPE	FEATURES				HOUSING IN DIMENSIONS (SHOW IN INCHES)				ENERGY INFO.			
			TEMP RANGE	GPM @ 77° F	GPM @ 45° F	GPM @ 35° F	CONNECTION WATER GAS	HEIGHT	WIDTH	DEPTH	VENT DIAMETER (INCHES)	SNR WEIGHT (LBS)	ENERGY FACTOR	D.O.E. ANNUAL COST INDEX
<b>RICHMOND ENCORE TANKLESS WATER HEATERS FOR 1-2 BATHROOM HOMES</b>														
RMTG-53PV-1	21,500 - 145,000	Indoor	100° to 140° F	3.1	5.3	6.8	3/4	20-1/2	13-3/4	6-1/4	3	36	.82	\$223/\$374
RMTG-53XN-1	19,000 - 141,000	Outdoor	100° to 140° F	3.0	5.3	6.8	3/4	20-1/2	13-3/4	6-1/4	N/A	36	.82	\$223/\$374
RMTG-53DV-1	20,000 - 141,000	Indoor Direct Vent	100° to 140° F	3.0	5.3	6.8	3/4	23	13-3/4	7-1/4	3 by 5 CONCENTRIC	39	.82	\$223/\$374
<b>RICHMOND ENCORE TANKLESS WATER HEATERS FOR 2-3 BATHROOM HOMES</b>														
RMTG-66XN	11,000 - 180,000	Outdoor	85° to 140° F	4.0	6.6	8.4	3/4	23-5/8	13-7/8	8-7/8	N/A	54	.82	\$223/\$374
RMTG-66DV	11,000 - 180,000	Indoor Direct Vent	85° to 140° F	4.0	6.6	8.4	3/4	25-5/8	13-7/8	9-7/8	3 by 5 CONCENTRIC	54	.82	\$223/\$374
<b>RICHMOND ENCORE TANKLESS WATER HEATERS FOR 3 BATHROOM HOMES</b>														
RMTG-74PV-1	19,000 - 199,900	Indoor	100° to 140° F	4.3	7.4	8.5	3/4	25-3/8	14-7/8	11-1/8	4	55	.82	\$223/\$374
RMTG-74XN-1	19,000 - 199,900	Outdoor	100° to 140° F	4.3	7.4	8.5	3/4	25-3/8	14-7/8	11-1/8	N/A	55	.82	\$223/\$374
RMTG-74DV-1	19,000 - 199,900	Indoor Direct Vent	100° to 140° F	4.3	7.4	8.5	3/4	25-3/8	14-7/8	11-1/8	4 by 4 CONCENTRIC	55	.82	\$223/\$374

**All models are available in Natural Gas and Propane (LP). For Propane replace the N with P when ordering.**

- Factory set temperature is 120° F for RMTG-53, RMTG-66 and RMTG-74 models. See Use and Care Manual for setting.
- For installations above 3,280 feet, adjustment is required. Refer to Richmond price list or consult factory for details.
- Consult factory for information on sizing the application.

**Installation Vent Kits available, sold separately.**

**Indoor models vent horizontally or vertically.** These water heaters have a built-in electric blower to force exhaust gas to the outside. Category III stainless steel vents (UL1738 certified) required.

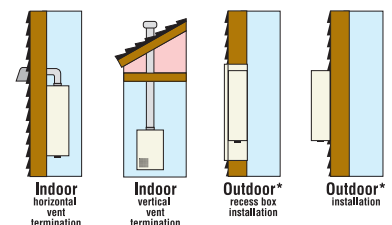
**Type "B" vents are not permitted.**

## Maximum Hot Water Flow Rate and Temperature Rise

Model Number	35°	45°	50°	60°	70°	77°	80°	90°	100°
RMTG-53 Water Flow (GPM)	6.8	5.3	4.7	3.9	3.4	3.1	3.0	2.6	2.4
RMTG-66 Water Flow (GPM)	8.4	6.6	5.9	4.9	4.2	4.0	3.6	3.3	2.9
RMTG-74 Water Flow (GPM)	8.5	7.4	6.6	5.5	4.7	4.3	4.1	3.7	3.3

Above estimates are for sizing purposes only.

## Venting Options and Installations



\*Outdoor units do not require venting materials.

All indoor tankless units must be vented vertically or horizontally to the outdoors using Category III stainless steel venting material (No other venting material is permitted). All indoor models require stainless steel venting material.

Venting details, including clearances and diagrams can be found in the "Use & Care Manual" of Richmond indoor tankless water heaters.

