

PROVEN PERFORMANCE NEW MODERN LOOK

**ESSENTIAL PLUS®
RMTG SERIES**
Non-Condensing
Tankless Outdoor

**ENCORE®
RMTGH SERIES**
Condensing
Tankless

**ESSENTIAL PLUS®
RMTG SERIES**
Non-Condensing
Tankless Indoor



These products meet a stringent set of our company's internally defined sustainability standards.

Richmond®
The Water Heater Experts™

RichmondWaterHeaters.com/MoreHotWater

PERFORMANCE YOU TRUST IN A NEW

DELIVERS THE PERFORMANCE HOMEOWNERS WANT

With the same proven performance both plumbers and homeowners trust, the Richmond® Encore® RMTGH Series Super High Efficiency Condensing and Richmond® Essential Plus® RMTG Series High Efficiency Non-Condensing Tankless Water Heaters now offer a new modern design. These smaller, lighter units were designed with contractors in mind to make one-person installation and servicing even easier while saving the homeowner money and energy. Plus, enhanced features deliver the continuous hot water and energy efficiency homeowners want.



EARTH-FRIENDLY EFFICIENCY, FLEXIBLE INSTALLATION

High Efficiency Performance

- Up to 1.5X the efficiency of a standard 50-gallon gas tank² – .93 UEF for condensing and .82 UEF for non-condensing
- Up to 2.5X the lifespan of a standard 50-gallon gas tank² – With the industry's most comprehensive 15-year warranty³

Sustainable Solution

- Reduces carbon footprint and energy usage – The RMTGH Series uses up to 34% less energy⁴ than a standard 50-gallon tank, while the RMTG Series uses up to 25% less⁵, helping minimize environmental impact
- Reduces greenhouse gas NOx emissions by up to 65%⁶ – Improving air quality

Flexible Upgrade

- Industry-best ½" side-to-side and front clearance to combustibles⁷ – Provides peace of mind to install in a closet and close the door
- Easy-hang front door – Slides down and hangs for easier servicing
- Faster servicing – A Phillips screwdriver is all that's needed to disassemble the unit

Smarter Solution

Built-in Wi-Fi with EcoNet[®] compatibility lets homeowners optimize Richmond[®] RMTGH and RMTG Series Tankless Water Heaters from their smart phone⁸

- Notifications / maintenance reminders
- Set temperature, change modes, and access energy and water usage reports
- LeakSense™ leak detection⁹



MODERN DESIGN



RICHMOND® ENCORE® RMTGH SERIES SUPER HIGH EFFICIENCY CONDENSING TANKLESS

Simplified model selection – Single unit meets almost any installation need with available outdoor conversion kit

Best-in-class turn down ratio – Achieve tighter control over temperature output even during lower demand

RICHMOND® ESSENTIAL PLUS® RMTG SERIES HIGH EFFICIENCY NON-CONDENSING TANKLESS

Universal venting options – Compatible with Metal Fab, Rainbow and UBBINK standard concentric venting

Industry-leading 43' vent run capability – Easy retrofit



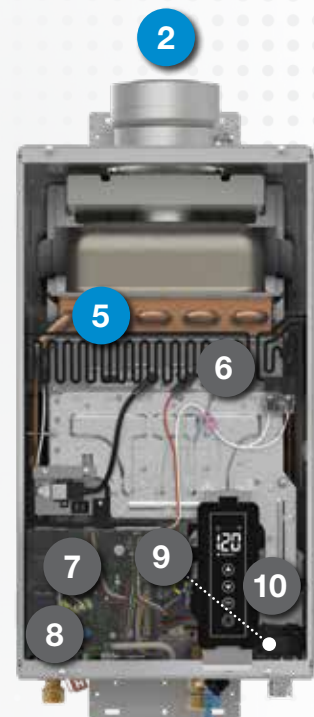
Outdoor Conversion Kit RTGH-X

Enables RMTGH installation outdoors (sold separately)



**When converting indoor Wi-Fi with LeakGuard models to outdoor, included cable and indoor mount should be used. This cable disables LeakGuard in outdoor installations to avoid false alarms and shut-off. Reference outdoor conversion instructions for more information on cable installation.*

- 1 2" inlet & exhaust w/band connections
- 2 3"/5" concentric inlet & exhaust
- 3 Secondary stainless steel heat exchanger
- 4 Primary copper heat exchanger
- 5 Copper heat exchanger
- 6 Exclusive overheat film wrap
Protects the unit
- 7 Exclusive Hot Start Programming™
Minimizes cold water bursts¹¹
- 8 Exclusive water saving feature
Saves water
- 9 LeakGuard™ with auto shut-off valve⁹
Detects leaks and shuts off the flow of water
- 10 Built-in Wi-Fi technology
Easy-to-use controls



Indoor Model



Outdoor Model

HELP YOUR CUSTOMERS START SAVING TODAY

Learn more at
RichmondWaterHeaters.com/MoreHotWater
or ask your local distributor



Richmond® Encore® RMTGH & Essential Plus® RMTG Series Tankless Specifications

Richmond Model Number		ENCORE®			ESSENTIAL PLUS®					
		RMTGH-84DVLN-3			RMTG-70DVLN-3			RMTG-70XLN-3	RMTG-84XLN-3 (Wi-Fi Model)	RMTG-95XLN-3 (Wi-Fi Model)
Built-in LeakGuard™ Model Number			RMTGH-90DVELN-3 (Wi-Fi Model)	RMTGH-95DVELN-3 (Wi-Fi Model)		RMTG-84DVELN-3 (Wi-Fi Model)	RMTG-95DVELN-3 (Wi-Fi Model)			
Installation Type		Indoor (Outdoor Conversion Kit sold separately: RTGH-X)			Indoor			Outdoor		
Gas Input Rate	MAX	157,000 BTU/h	180,000 BTU/h	199,900 BTU/h	160,000 BTU/h	180,000 BTU/h	199,900 BTU/h	160,000 BTU/h	180,000 BTU/h	199,900 BTU/h
	MIN	11,000 BTU/h	11,000 BTU/h	11,000 BTU/h	11,000 BTU/h	11,000 BTU/h	11,000 BTU/h	11,000 BTU/h	11,000 BTU/h	11,000 BTU/h
Uniform Energy Factor (UEF)		0.93			0.82					
Gallons Per Minute (GPM)	MAX (35°F)	8.4	9.0	9.5	7.0	8.4	9.5	7.0	8.4	9.5
	45°F Rise	6.7	7.7	8.5	6.0	6.7	7.4	6.0	6.7	7.4
	67°F Rise	4.6	5.2	5.7	4.5	5.1	5.0	4.5	5.1	5.0
Number of Bathrooms		3	3-4	4	2.5	3	3.5	2.5	3	3.5
Temp. Range		100-140°F								
Height		23.7"			24.2"			20.75"		
Width		17.7"			13.5"			13.5"		
Depth		9.8"			10.27"			9.4"		
Weight (Lbs.)		52.9			46.5			42		
Temp. Setting from Factory		120°F								
Heat Exchanger Material		Primary: Copper – Secondary: Stainless Steel			Copper					
Minimum Activation Flow		0.4 GPM								
Minimum Continuous Flow		0.26 GPM								
Maximum Altitude		7,800 ft.								
Ultra Low NOx		Meets 14 ng/J NOx requirements – SCAQMD Rule 1146.2 compliant								
Warranty		15-Year Heat Exchanger 5-Year Parts 1-Year Labor								

All models are available in Natural Gas or Propane (LP). For Propane replace the N with P for LP model.

CONTACT US

**Customer Service,
Warranty and Parts:**
800.621.5622

Technical Service:
800.HEATER3
(800.432.8373)

EcoNet® Support:
800.255.2388

**Plumber Support
Group:**
866.339.2388



¹Sustainability Standouts are Wi-Fi models only. ²Based on comparison of a Richmond RMTGH/RMTG Series model against a standard residential 50-gallon tank type model with like fuel type. ³Based on comparison of Richmond RMTGH/RMTG Series models against similar models from leading tankless competitors. ⁴Based on reduction in energy usage of Richmond RMTGH Series models with a 0.93 UEF compared to a standard residential atmospheric 50-gallon tank type model with a 0.61 UEF. Assumes like fuel type, not to exceed 75,000 BTU. ⁵Based on reduction in energy usage of RMTG Series models with a 0.82 UEF compared to a standard residential 50-gallon tank type model with a 0.61 UEF. Assumes like fuel type, not to exceed 75,000 BTU. ⁶Based on comparison of Richmond RMTGH/RMTG Series model against standard residential 50-gallon tank type model with like fuel type, not to exceed 75,000 BTU. ⁷Based on comparison of Richmond RMTGH/RMTG Series models against similar models from leading tankless brands. ⁸Applies only to models with Wi-Fi; Wi-Fi broadband connection and EcoNet® App required; notifications are dependent on external factors beyond Richmond's control. ⁹Available on indoor Wi-Fi models only. When converting indoor Wi-Fi with LeakGuard models to outdoor, included cable and indoor mount should be used. This cable disables LeakGuard in outdoor installations to avoid false alarms and shut-off. Reference outdoor conversion instructions for more information on cable installation. ¹⁰Based on a comparison of Richmond RMTGH/RMTG Series models having the Hot Start Programming™ against consumer reviews of leading competitor models.

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

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