

Encore RMTGH is a series of high-efficiency condensing tankless gas water heaters designed for continuous hot water

Efficiency

- .93 UEF with stainless steel condensing heat exchanger
- Intelligent electronic controls designed to increase energy efficiency and safety

Performance

- Exclusive! Water savings setting – upon activation, this setting can save homeowners up to 1,100 gallons of water per year¹ by decreasing the flow of water through the pipes until the temperature reaches the heater’s set temperature
- Low flow fixture compatible – Industry-first minimum flow rate of .26 GPM and minimum activation flow rate of .40 GPM ensures the user will receive hot water even in low demand situations
- Recirculation Pump Kit-Ready – Quickly pairs with our Recirculation Pump kit to provide instantaneous hot water at the tap²

Easy Installation and Service

- Built-in condensate neutralizer
- 1/2" Gas line compatibility on every model³
- Exclusive! Maintenance Notice Setting alerts homeowner – flashing a warning code to call for service check
- Self-diagnostic system for easy installation and service
- Digital display shows temperature setting and maintenance codes
- High-altitude capability – up to 8,400 ft. elevation above sea level⁴

Technology

- EZ-Link™ cable available for higher demand applications to connect two tankless units to operate as one
- Manifold up to six units with an optional MIC-6 manifold control board
- Manifold up to 20 units with the optional MIC-185 plus the MICS-180 manifold control assembly

Safety

- Exclusive! Guardian OFW™ overheat film wrap
- Hot-start programming helps minimize fluctuation in water temperature, referred to as “cold water sandwich”, during periods of frequent on/off operation

Plus...

- Digital remote control and 10 ft. of thermostat wire included
- Supplied with a 120-volt power cord (indoor models only)
- Freeze protection to -30°F
- Maximum water temperature is 140°F. For higher temperature applications, upgrade kits are available

Warranty

- 12-Year heat exchanger – residential, 5-year parts and 1-year labor
See Warranty Certificate for complete information
See written warranty for complete details

¹Savings based on DOE test procedures.

²Pump kit designed for single unit applications only.

³Follow National Fuel Gas Code or local applicable codes.

⁴Contact customer service for exact altitude rating for each model.



Encore Condensing Tankless
Indoor Direct Vent Model
11,000-199,900 Btu/h
Natural and LP Gas



Encore Condensing Tankless
Outdoor Model
11,000-199,900 Btu/h
Natural and LP Gas



See specifications chart on back.

Specifications

DESCRIPTION				FEATURES					ROUGHING IN DIMENSIONS (SHOWN IN INCHES)						ENERGY INFO.		
MODEL NUMBER	GAS INPUT BTU/H	TYPE	NUMBER OF BATHROOMS*	TEMP. RANGE	MIN. FLOW/ACTIVATION GPM	GPM @ 67° RISE MAX.	GPM @ 45° RISE MAX.	MAX. GPM	CONNECTION		HEIGHT	WIDTH	DEPTH	VENT DIAM.	SHIP WEIGHT (LBS.)	ENERGY FACTOR	UNIFORM ENERGY FACTOR (UEF)
									WATER	GAS							
Richmond Encore® RMTGH-95																	
★ RMTGH-95DVLN-1	11,000-199,900	Indoor Direct Vent	4	85° to 140° F	0.26/0.40	5.7	8.5	9.5	3/4	3/4	27-1/2	18-1/2	9-3/4	2", 3" or 4" PVC 2-Pipe	82	0.96	0.93
★ RMTGH-95XLN-1	11,000-199,900	Outdoor	4	85° to 140° F	0.26/0.40	5.6	8.5	9.5	3/4	3/4	27-1/2	18-1/2	9-3/4	N/A	82	0.95	0.93
Richmond Encore® RMTGH-84																	
★ RMTGH-84DVLN-1	11,000-157,000	Indoor Direct Vent	3	85° to 140° F	0.26/0.40	4.6	6.7	8.4	3/4	3/4	27-1/2	18-1/2	9-3/4	2", 3" or 4" PVC 2-Pipe	82	0.96	0.93
★ RMTGH-84XLN-1	11,000-157,000	Outdoor	3	85° to 140° F	0.26/0.40	4.5	6.7	8.4	3/4	3/4	27-1/2	18-1/2	9-3/4	N/A	82	0.95	0.93

*Based on simultaneous showers using 2.5 GPM flow rate pre-mixed with cold water line. Flow rates vary depending on temperature of incoming cold water and water heater set temperature. Refer to flow rate curves for accurate sizing.

Uniform Energy Factor and Energy Factor based on Department of Energy (D.O.E.) requirements.

★ **ENERGY STAR®** compliant model.

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

SCAQMD 1146.2 compliant.

Factory set maximum temperature is 120° F. See Use and Care Manual for setting.

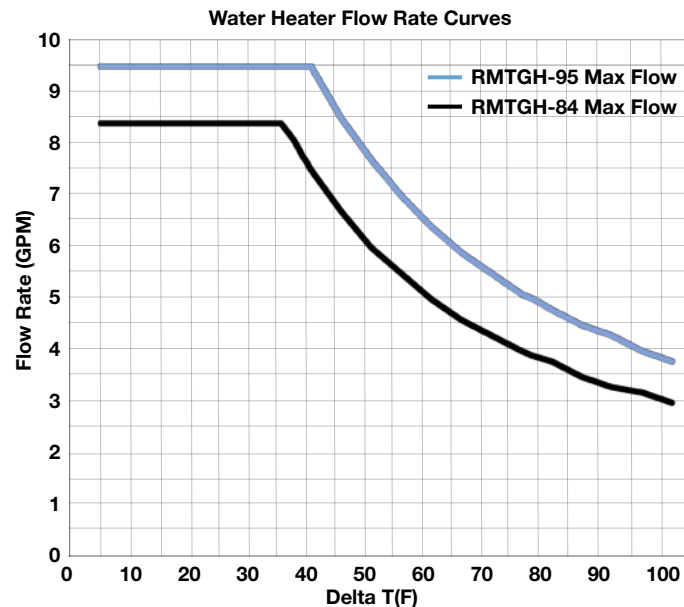
Consult factory for information on sizing the application.

Vent Termination Kits are required for Direct Vent models. Contact your distributor for details.

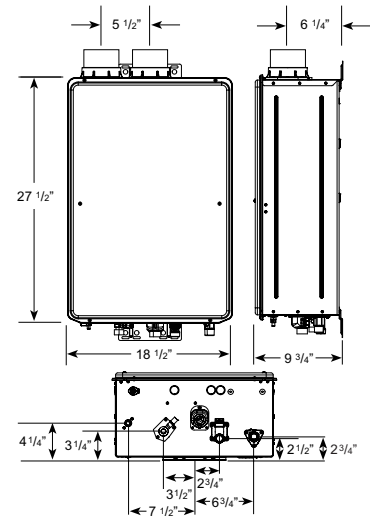
Proper gas pressure must be ensured to supply tankless gas water heaters – up to 199,900 Btu/h for RMTGH-95 models and up to 157,000 Btu/h for RMTGH-84 models. (Consult your gas supplier)

Model Number	Temperature Rise (° F)								
	35°	45°	50°	60°	67°	70°	80°	90°	100°
RMTGH-95 Water Flow (GPM)	9.5	8.5	7.7	6.4	5.7	5.5	4.8	4.3	3.8
RMTGH-84 Water Flow (GPM)	8.4	6.7	6.0	5.0	4.6	4.3	3.8	3.3	3.0

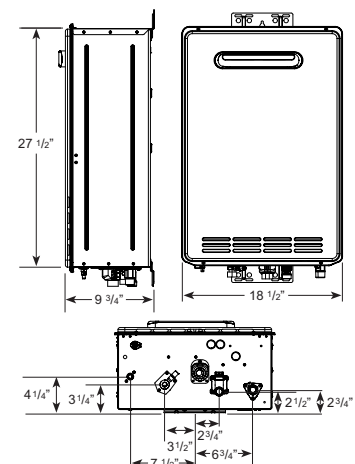
Above estimates are for sizing purposes only.



Indoor Direct Vent



Outdoor



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