

FEATURE SHEET
Residential Water Heaters | Marathon MRG Series

H^OT WATER

FOR LIFE!

MARATHON® GRID ENABLED 85 AND 100-GALLON
Simple solution for load management with the same Marathon features!



This water heater is intended only for use as part of an electric thermal storage or demand response program. This water heater will not provide adequate hot water unless enrolled in such a program and is activated by your utility company or another program operator. Please confirm the availability of such a program in your local area before purchasing or installing this product.

MARATHON FEATURES:

Lifetime Tank Warranty

- The last water heater homeowners will buy for their home
- Free warranty upgrade from 10 years to lifetime* if customer registers online
- Unmatched strength, toughness and durability

Easy Installation and Service

- Lightweight design for one-person, low-cost installation
- Easy maintenance with bowl-shaped bottom that drains completely and no anode rod to replace

Non-Metallic Tank

- Seamless, blow-molded polybutene inner tank will not rust or corrode
- Outer tank resists dents, scratches and salt air
- Offers the best durability, withstands the harshest environments and eliminates smelly water due to chemical reactions with sulfates

High Efficiency

- Two-and-a-half inches of polyurethane foam insulation minimizes stand-by heat loss, allowing only 5 degree F loss in 24 hours
- Saves money on the homeowner's energy bill



The new degree of comfort.®



The new degree of comfort.*



Residential Electric
Marathon MRG Water Heaters

Brass union connections provide easy installation or re-installation

Factory installed T&P relief valve and vacuum relief valve

Polyurethane insulation helps reduce energy consumption

Water tight outer jacket delivers dependable service even in challenging environments

Rugged polyethylene jacket resists shipping damage and won't rust

Thermally fused upper element provides protection against dry-firing
Titanium lower element for superior resistance to lime build-up

Oversize element covers for easy sediment removal

Recessed brass drain valve

Bowl shaped bottom for easier, more complete draining



Marathon® Grid Enabled Model Specifications

DESCRIPTION				FEATURES			ROUGHING IN DIMENSIONS (SHOWN IN INCHES)				ENERGY INFO.	
TYP E	NOMINAL GALLON CAPACITY	RATED GALLON CAPACITY	MODEL NUMBER	UEF FIRST HOUR RATING G.P.H.	EF FIRST HOUR RATING G.P.H.	RECOVERY IN G.P.H. 90° F RISE†	TANK HEIGHT	HEIGHT TO WATER CONN.	DIAMETER	APPROX. SHIP WT. (LBS.)	ENERGY FACTOR	UNIFORM ENERGY FACTOR (UEF)
Tall	85	84	MRG85245C	77	91	21	66-1/4	70-1/4	28-1/4	134	—	0.92
Tall	100	101	MRG105245C	83	95	21	66-3/4	70-3/4	30-1/4	152	—	0.90

Uniform Energy Factor, Energy Factor and rated gallon capacity based on Department of Energy (DOE) requirements.

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- Water heaters furnished with standard 240 volt AC, single phase non-simultaneous wiring. If heating elements of different wattages than those shown are demanded, they must be specifically requested. For height to top of T&P and heat traps add 3-1/2" to the height to water connection.
- Maximum test pressure: 300 PSI. Maximum working pressure: 150 PSI.

*Warranty is provided to original customer in a residential application after online product registration is complete. Registration must be completed within 90 days of installation. See Warranty Certificate for complete information.

† Recovery calculations used are based on 4500 watt elements used in non-simultaneous operation.

† Recovery = wattage / 2.42 x temp. rise °F.
Example: $\frac{4500W}{2.42 \times 90^\circ} = 21 \text{ GPH}$

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

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INTEGRATED HOME COMFORT

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