

# Marathon

Marathon® non-metallic electric water heaters are durable, lightweight, and warranted not to leak as long as you own your home\*

## NON-METALLIC TANK FEATURES

- Seamless, blow-molded, polybutene tank – impervious to rust and corrosion
- Multiple layers of filament wound fiberglass give the tank unmatched strength
- Polyurethane insulation helps reduce energy consumption
- Recessed drain valve is out of the way brooms and scrubbers
- Durable PEX Dip Tube
- Tough molded polyethylene outer shell resists dents, scratches, and salt air
- All plastic tank eliminates the need for an anode rod

## EFFICIENCY FOR 30 TO 100-GALLON MODELS

- .90 - .93 UEF
- Well insulated for reduced standby heat loss
- Pipe wrap energy saving kit included to achieve maximum energy savings

## PERFORMANCE FOR 30 TO 100-GALLON MODELS

- FHR: 41 - 83 gallons, depending on model
- Recovery: up to 21 GPH at a 90° F rise

## EASY INSTALLATION & SERVICE

- Marathon's lightweight tank is easier to maneuver and position
- Bowl shaped tank bottom allows complete sediment draining
- Water tight grommets keep out over-head moisture and condensation

## PLUS...

- Thermally fused upper element provides protection against dry-firing
- Titanium lower element for superior resistance to lime build-up
- Brass drain valve
- Temperature and pressure relief valve
- Low lead compliant
- Standard replacement parts

## WARRANTY

- Residential Application: Lifetime limited warranty on tank and 6-years on parts\*
- Commercial Application: 5-year limited tank warranty and 1-year on parts\*

\*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  
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Units meet or exceed ANSI requirements and have been tested according to D.O.E. procedures. Units meet or exceed the energy efficiency requirements of NAECA, ASHRAE standard 90, ICC Code and all state energy efficiency performance criteria.



*Marathon*  
30, 40, 50 and  
100-Gallon Capacities  
240 Volt AC/Single Phase  
Electric



*Marathon Point-of-Use*  
15 and 19.9 Gallon Capacities  
Electric



See specifications chart on back.

# Marathon

## Specifications

TYPE	DESCRIPTION			FEATURES		ROUGHING IN DIMENSIONS (SHOWN IN INCHES)				ENERGY INFO.	
	NOMINAL GALLON CAPACITY	RATED GALLON CAPACITY	MODEL NUMBER	FIRST HOUR RATING G.P.H.	RECOVERY IN G.P.H. 90° F RISE	TANK HEIGHT A	HEIGHT TO WATER CONN. B	DIAMETER C	APPROX. SHIP WT. (LBS.)	UNIFORM ENERGY FACTOR (UEF)	ESTIMATED YEARLY ENERGY COST
Tall	30	28	MR30238D†	41	12	49	49-1/2	21-5/8	75	0.92	\$293
Tall	30	28	MR30245C†	43	20	49	49-1/2	21-5/8	75	0.92	\$293
Tall	40	38	MR40245C†	51	21	61-1/2	65-1/2	21-3/4	90	0.93	\$424
Tall	50	50	MR50245C†	59	21	62-3/4	66-3/4	23-1/2	100	0.93	\$428
Short	50	48	MSR50245C†	53	21	43-1/4	47-1/4	28-1/4	95	0.93	\$433
Tall	85	84	MRG85245C*	77	21	66-1/4	70-1/4	28-1/4	134	0.92	\$647
Tall	100	101	MRG105245C*	85	21	66-3/4	70-3/4	30-1/4	152	0.90	\$661

## Point-of-Use Models

TYPE	DESCRIPTION		FEATURES		ROUGHING IN DIMENSIONS (SHOWN IN INCHES)				ENERGY INFO.	
	GALLON CAPACITY	MODEL NUMBER	ELEMENT WATTAGE	VOLTAGE	TANK HEIGHT A	HEIGHT TO WATER CONN. B	DIAMETER C	APPROX. SHIP WT. (LBS.)	UNIFORM ENERGY FACTOR (UEF)	
POU	15	MR15120	2000	120	31-3/4	35-3/4	21-3/4	58	N/A	
POU	19.9	MR20120	2000	120	30-1/2	34-1/2	23-1/2	61	N/A	
POU	19.9	MR20230	2000	240	30-1/2	34-1/2	23-1/2	61	N/A	

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

\*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.

Water heaters furnished with standard 240 or 120 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.

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

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



LEED Point = 1

