



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
- High temperature polysulfone dip tube
- Tough molded polyethylene outer shell resists dents, scratches, and salt air

Efficiency

- .90 - .94 EF
- Well insulated for reduced standby heat loss
- Pipe wrap energy saving kit included to achieve maximum energy savings

Performance

- FHR: 52-104 gallons, based on gallon capacity
- Recovery rate: 20 gallons GPH at a 90 degree rise

Capacity & Dimensions

- 40, 50, 85, 105 Gallon tall models and a 50 gallon short

Easy Installation & Service

- Marathon's lightweight tank is easier to maneuver and position. Bowl shaped tank bottom drains completely.

Plus...

- Thermally fused upper element provides protection against dry-firing – titanium lower element for superior resistance to lime build-up
- Full-flow, brass drain valve
- Temperature and pressure relief valve
- Standard replacement parts

Warranty

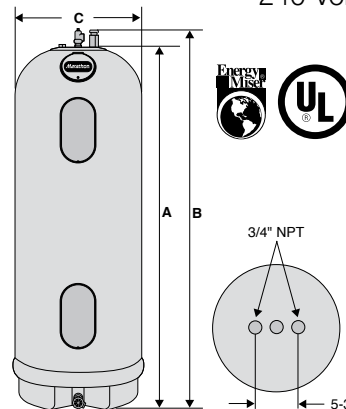
- Lifetime limited warranty on tank and 6 years on parts*

*See Residential Warranty Certificate for complete information

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.



Ruud Marathon
40, 50, 85, 105-Gallon Capacities
240 Volt AC/Single Phase
Electric



DESCRIPTION			FEATURES		ROUGHING IN DIMENSIONS (SHOWN IN INCHES)				ENERGY INFORMATION	
T Y P E	GAL. CAP.	MODEL NUMBER	FIRST HOUR RATING G.P.H.	RECOVERY IN G.P.H. @ 90° RISE	TANK HEIGHT A	HEIGHT TO WATER CONN. B	DIAMETER C	APPROX. SHIP WT. (LBS.)	ENERGY FACTOR	AVERAGE ANNUAL OPER. COST
T A L L	40	MR40245†	52	20	61-1/2	65-1/2	21-3/4	90	0.94	\$497
	50	MR50245†	61	20	62-3/4	66-3/4	23-1/2	100	0.94	\$497
	85	MR85245†	91	20	66-1/4	70-1/4	28-1/4	134	0.92	\$508
	105	MR105245†	104	20	66-3/4	70-3/4	30-1/4	152	0.91	\$514
SHORT	50	MSR50245	54	20	43-1/4	47-1/4	28-1/4	95	0.90	\$520

- Water heaters furnished with standard 240 volt AC, single phase non-simultaneous wiring, and 4500 watt upper and lower heating elements.
- 3000 and 3800 watt elements available. 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 = wattage/2.42 x temp. rise °F.
Example: $\frac{4500W}{2.42 \times 90^\circ} = 21 \text{ GPH}$

Energy Factor and Average Annual Operating Costs based on D.O.E. (Department of Energy) test procedures. D.O.E. national average fuel rate electricity 10.65¢/KWH.

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