



The new degree of comfort.®

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

- .92 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 - 85 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*

*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.

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 and 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.



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Marathon® Specifications

| Fuel Type | Description | 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) |
|-----------|-------------|-------------------------|-----------------------|--------------|--------------------------|-------------------------------|---------------|-------------------------|------------|-------------------------|-----------------------------|
| Electric | Tall | 30 | 28 | MR30238C† | 41 | 12 | 49 | 49-1/2 | 21-5/8 | 75 | 0.92 |
| Electric | Tall | 30 | 28 | MR30245C† | 43 | 20 | 49 | 49-1/2 | 21-5/8 | 75 | 0.92 |
| Electric | Tall | 40 | 38 | MR40245C† | 51 | 21 | 61-1/2 | 65-1/2 | 21-3/4 | 90 | 0.92 |
| Electric | Tall | 50 | 50 | MR50245C† | 57 | 21 | 62-3/4 | 66-3/4 | 23-1/2 | 100 | 0.92 |
| Electric | Short | 50 | 48 | MSR50245C† | 53 | 21 | 43-1/4 | 47-1/4 | 28-1/4 | 95 | 0.92 |
| Electric | Tall | 100 | 101 | MRG105245C* | 85 | 21 | 66-3/4 | 70-3/4 | 30-1/4 | 152 | 0.92 |

Marathon® Point-of-Use Specifications

| Fuel Type | Description | Nominal Gallon Capacity | Rated 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) |
|-----------|-------------|-------------------------|-----------------------|--------------|-----------------|---------|---------------|-------------------------|------------|-------------------------|-----------------------------|
| Electric | POU | 15 | N/A | MR15120 | 2000 | 120 | 31-3/4 | 35-3/4 | 21-3/4 | 58 | N/A |
| Electric | POU | 19.9 | N/A | MR20120 | 2000 | 120 | 30-1/2 | 34-1/2 | 23-1/2 | 61 | N/A |
| Electric | POU | 19.9 | N/A | MR20230 | 3000 | 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.

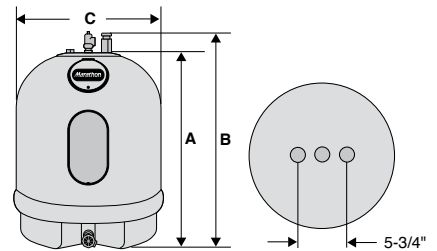
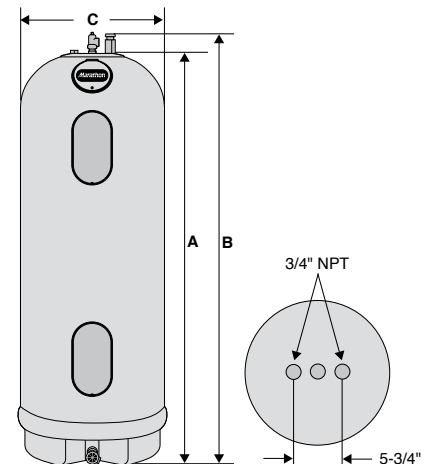
Maximum test pressure: 300 PSI. Maximum working pressure: 150 PSI.

**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



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