



The new degree of comfort.™



Electric
Marathon Heavy-Duty Water Heaters

Marathon® Heavy Duty non-metallic electric water heaters are designed for harsh environments and a warranty to back it up

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

Efficiency

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

Performance

- Recovery Capacity: 18.2 gallons per hour (delivers approximately 78 gallons of hot water in the first hour for 75-gallon models, 91 gallons for 85-gallon models and 104 gallons for 105-gallon models)**
- Thermostat capable of delivering water temperature up to 180° F for high temperature applications

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 overhead moisture and condensation

Plus...

- Thermally fused upper element provides protection against dry firing
- Titanium upper and lower elements for superior resistance to lime build-up
- Full-flow, brass drain valve
- Temperature and pressure relief valve and factory installed vacuum 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†

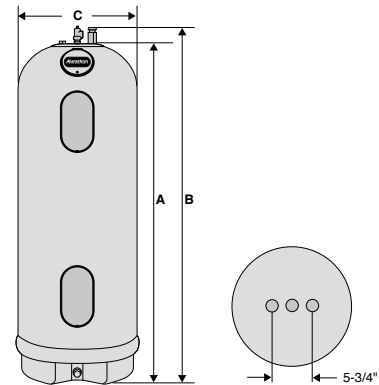
*Warranty is provided to original customer in a residential application after online product registration is complete. Registration must be completed within 90 days of installation. See Warranty Certificate for complete information
†See Warranty Certificate for complete information

Efficiency | All models tested according to ANSI test procedures and meet or exceed the thermal efficiency and standby loss requirements of current ASHRAE standards (EPACT). Also exceeds energy efficiency codes of all states including California Energy Commission (CEC).

Safety and Construction | These products are design certified by Underwriters Laboratories (UL) to meet UL safety standards and UL/NSF 005 as electric storage tank water heaters. All models are North Carolina and Massachusetts Code compliant.
Certified for 150 PSI maximum working pressure.



Marathon Heavy Duty
75, 85 and 105-Gallon Capacities
240 Volt AC/Single Phase
Electric



DESCRIPTION			FEATURES		ROUGHING IN DIMENSIONS (SHOWN IN INCHES)			
T Y P E	GAL. CAP.	MODEL NUMBER	RECOVERY IN G.P.H. 100° F RISE**	FIRST HOUR DELIVERY G.P.H.	TANK HEIGHT A	HEIGHT TO WATER CONN. B	DIAMETER C	APPROX. SHIP WT. (LBS)
Tall	75	MHD75245	18.2	78	58-5/8	62-5/8	28-1/4	122
Tall	85	MHD85245	18.2	91	66-1/4	70-1/4	28-1/4	134
Tall	105	MHD105245	18.2	104	66-3/4	70-3/4	30-1/4	152

**Recovery Capacity is based upon a 100° F water temperature rise and calculated per ANSI Z21.10.3 standards. First hour hot water delivery is based upon 77° water temperature rise.
• Water heaters furnished with standard 240 volt AC, single phase non-simultaneous wiring; available in 3800 and 4500 watt double element configuration (85-gallon 3000 watt).
• For height to top of heat traps add 3-1/2" to the height to water connection.
• Maximum test pressure: 300 PSI; Maximum working pressure: 150 PSI
• 180° F Max. temperature setting

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