



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

### Efficiency

- 50 - 85 Standby Watt Loss
- 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

- 30, 40, 50, 75, 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

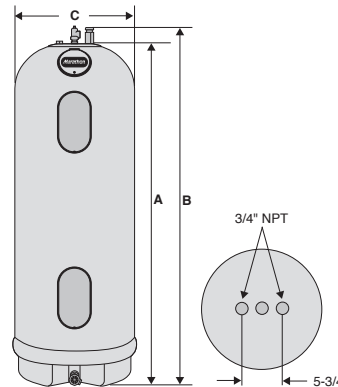
### Warranty

- 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.



**Ruud Marathon**  
30 to 105-Gallon Capacities  
240 Volt AC/Single Phase  
Electric



| DESCRIPTION |              | STORAGE CAPACITY |           |        | ROUGHING IN DIMENSIONS (SHOWN IN INCHES) |                         |            |                         |                   |
|-------------|--------------|------------------|-----------|--------|--|-------------------------|------------|-------------------------|-------------------|
|             |              |                  |           |        | TANK HEIGHT A                            | HEIGHT TO WATER CONN. B | DIAMETER C | APPROX. SHIP WT. (LBS.) | STANDBY WATT LOSS |
| TYPE        | MODEL NUMBER | U.S. GALS        | IMP. GALS | LITRES |  |                         |            |                         |                   |
| TALL        | CDMR30230    | 30               | 25        | 114    | 49                                       | 53                      | 21-5/8     | 75                      | 50                |
|             | CDMR40245    | 40               | 33        | 151    | 61-1/2                                   | 65-1/2                  | 21-3/4     | 90                      | 62                |
|             | CDMR50245    | 50               | 42        | 189    | 62-3/4                                   | 66-3/4                  | 23-1/2     | 100                     | 65                |
|             | CDMR75245    | 75               | 62        | 284    | 58-5/8                                   | 62-5/8                  | 28-1/4     | 122                     | 80                |
|             | CDMR85245    | 85               | 71        | 322    | 66-1/4                                   | 70-1/4                  | 28-1/4     | 134                     | 83                |
|             | CDMR105245   | 105              | 87        | 397    | 66-3/4                                   | 70-3/4                  | 30-1/4     | 152                     | 85                |
| SHORT       | CDMSR50245   | 50               | 42        | 189    | 43-1/4                                   | 47-1/4                  | 28-1/4     | 95                      | 53                |

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:  $\frac{4500W}{2.42 \times 90^\circ} = 21 \text{ GPH}$

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