

# Encore

Encore electric water heaters offer a diagnostic system with leak protection and a 12-year warranty

## EFFICIENCY

- .92 - .93 UEF
- Isolated tank design reduces conductive heat loss
- Dual 5500 watt stainless steel heating elements

## PERFORMANCE

- FHR: 55 - 72 gallons based on gallon capacity
- Recovery: up to 25 GPH at a 90° F rise

## SUPER SENTINEL DIAGNOSTIC SYSTEM

- Simple easy to read diagnostics
- Controls multiple operating modes
- Digital thermostat setting
- Leak detection with audible alarm

## FEATURES

- High performance and lower operating cost
- Compliant with many electric utility incentive programs
- Premium grade anode rod provides long-lasting tank protection
- Electric junction box located above heating elements for easy installation
- Over-temperature protector cuts off power in excess temperature situations

## PLUS...

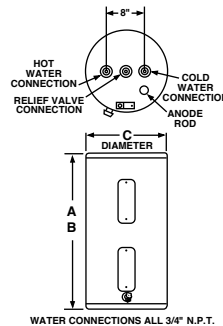
- EcoNet® enabled WiFi-connected† technology and free mobile app gives users control over water systems, allowing for customizable temperature, energy savings and system monitoring at home or away. Visit Rheem.com/EcoNetConnect\*\*
- EverKleen™ self cleaning device fights harmful sediment build-up with a high-velocity spiraling water stream – helps operating efficiency by saving energy, money and improving tank life
- Enhanced-flow brass drain valve
- Temperature and pressure relief valve included
- Low lead compliant

## WARRANTY

- 12-Year limited tank and parts warranty\*

\*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.



Encore  
40, 50 and 55-Gallon Capacities  
240 Volt AC/Single Phase  
Electric



LEED Point = 1



† WiFi broadband internet connection required, WiFi Kit sold separately

\*\* For EcoNet support call 800.255.2388

| 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 | 50                      | 45                    | 12E50-DEC    | 63                       | 25                            | 58-3/8                                   | 61-5/8                  | 20-1/4     | 121                     | 0.93                        | \$419                        |
| Tall | 55                      | 55                    | 12E55-DEC    | 72                       | 21                            | 57                                       | 59-3/4                  | 22-1/4     | 128                     | 0.92                        | \$424                        |
| Med. | 40                      | 36                    | 12EM40-DEC   | 55                       | 21                            | 48-1/4                                   | 50-1/2                  | 20-1/4     | 106                     | 0.93                        | \$314                        |
| Med. | 50                      | 45                    | 12EM50-DEC   | 63                       | 21                            | 48                                       | 50-1/2                  | 22-1/4     | 132                     | 0.93                        | \$419                        |

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

$$\text{Recovery} = \frac{\text{wattage}}{2.42 \times \text{temp. rise } ^\circ\text{F.}}$$

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

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

**Super Sentinel not available on single element models, available on dual element models only. Super Sentinel not available in excess of 5 kW on 208 V models.**

• Heaters furnished with standard 240 volt AC, single phase non-simultaneous wiring, and 4500 watt upper and lower heating elements.

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

Richmond Water Heaters • 1115 Northmeadow Parkway, Suite 100, Roswell, Georgia 30076

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