Encore Hybrid Electric is the most efficient water heater available

**EFFICIENCY**
- High 3.55 - 3.70 UEF reduces operating cost
- ENERGY STAR® rated

**PERFORMANCE**
- Delivers hot water faster than most standard electric water heaters - 67 gallons first-hour delivery for 50-gallon model, 75 gallons FHD for 65-gallon model and 89 gallons FHD for 80-gallon model (30 Amp models)
- Ambient operating range: 37-145° F is widest in class, offering more days of HP operation annually; designed to meet Northern Climate Spec (Tier 3)

**EASY INSTALLATION**
- Easy access side connections
- Quick access to electrical junction box
- Easily replaces a standard electric water heater

**INTEGRATION**
- LCD Screen with built-in water sensor alert with audible alarm
- Integrated EcoNet® WiFi-connected technology and free mobile app gives users control over water systems, allowing for customizable temperature, vacation settings, energy savings and system monitoring at home or away. Visit Rheem.com/EcoNetConnect**
- Water sensor detects water outside of the unit and sends an alert via the free EcoNet® mobile app to the homeowner

**OPERATION MODES**
- Energy Saver
- Heat Pump Only
- High Demand
- Electric Heat Only
- Vacation: 2-28 days (or placed on hold indefinitely)

**PLUS…**
- Premium grade anode rod with resistor extends the life of the tank
- 3/4" NPT water inlet and outlet; 3/4" condensate drain connections
- Incoloy stainless steel resistor elements
- Dry-fire protection
- Easy access, top mounted washable air filter
- 2" Non-CFC foam insulation
- Enhanced flow brass drain valve
- Temperature and pressure relief valve installed
- Low lead compliant

**WARRANTY**
- 10-Year limited tank and parts warranty, 2-year limited labor 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.

*WiFi broadband internet connection required.
**For EcoNet support call 800.255.2388

See specifications chart on back.
## Encore

### Hybrid Electric Specifications

Estimated energy cost based on a national average electricity cost of $0.12/kWh. Uniform Energy Factor and rated gallon capacity based on Department of Energy (DOE) requirements.

* ENERGY STAR® compliant model.
* All units have integrated WiFi control board.

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>ENERGY INFO</th>
<th>FEATURES</th>
<th>TANK DIMENSIONS (SEE SPACE REQUIREMENTS IN DIAGRAMS BELOW)</th>
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</thead>
<tbody>
<tr>
<td>NOMINAL GALLON CAPACITY</td>
<td>MODEL NUMBER</td>
<td>MODEL VARIANT</td>
<td>UNIFORM ENERGY FACTOR (UEF)</td>
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<tr>
<td>50</td>
<td>10E50-HP4D</td>
<td>644998</td>
<td>30</td>
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<td>65</td>
<td>10E65-HP4D</td>
<td>676784</td>
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<td>NEW!</td>
<td>72</td>
<td>10E65-HP4D15</td>
<td>694139</td>
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<td>80</td>
<td>10E80-HP4D</td>
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<td>NEW!</td>
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</table>

Estimated energy cost based on a national average electricity cost of $0.12/kWh. Uniform Energy Factor and rated gallon capacity based on Department of Energy (DOE) requirements.

* ENERGY STAR® compliant model.
* All units have integrated WiFi control board.

### Diagrams

- **Air Inlet**
- **Condensate Drain**
- **Cold Air Exhaust**
- **Hot Water Outlet**
- **Pressure Relief Valve**
- **Water Inlet**

**Ducting Attached**

**Door with Louvers**

**No Ducting**

**Ducting over filter**

**Ducting Straight through**

**6" Clearance for Air Filter Maintenance**

**2" Clearance Needed for T&P Release**

**12" Minimum Length Insulated Flex Duct Required for Vibration Isolation**

### Dimensions (shown in inches)

<table>
<thead>
<tr>
<th>NOMINAL GALLON CAPACITY</th>
<th>MODEL NUMBER</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
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<td>10E50-HP</td>
<td>61</td>
<td>22-1/4</td>
<td>47</td>
<td>3-5/8</td>
<td>39-5/8</td>
<td>28</td>
<td>24</td>
<td>36</td>
<td>50</td>
<td>27</td>
<td>77</td>
<td>73</td>
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<tr>
<td>65</td>
<td>10E65-HP</td>
<td>64</td>
<td>24-1/4</td>
<td>49</td>
<td>3-7/8</td>
<td>42-3/8</td>
<td>30</td>
<td>26</td>
<td>38</td>
<td>52</td>
<td>29</td>
<td>80</td>
<td>76</td>
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<tr>
<td>80</td>
<td>10E80-HP</td>
<td>74</td>
<td>24-1/4</td>
<td>59</td>
<td>3-7/8</td>
<td>52-3/8</td>
<td>30</td>
<td>26</td>
<td>38</td>
<td>52</td>
<td>29</td>
<td>90</td>
<td>86</td>
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</table>
Hybrid Water Heater Installation Guidelines to Provide Optimal Efficiency

**Heater: Not Ducted**
Room size: Larger than 700 ft³ (e.g. 7' x 10' x 10'). Requirements: No additional ventilation needed.

**Heater: Not Ducted**
Room size: Smaller than 700 ft³ (e.g. 7' x 10' x 10'). Requirements: Full louvered door OR two louvers top and bottom. See below.

**Heater: Not Ducted**
Room: Small Closet
Requirements:
* Air gap under door equal to 18 in² (0.75” clearance).
* Louver must be located the same height on door as the air exhaust on heater.
* Heater air exhaust must be positioned towards louver within one foot of door.

**Heater: Ducted with inlet OR outlet duct**
Room size: Any size room
Requirements: Air gap under door equal to 18 in² (0.75” clearance)

**Heater: Ducted with inlet AND outlet duct**
Room size: Any size room
Requirements: No additional ventilation needed.
## Encore

### Hybrid Electric Accessories

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>USE FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP20882</td>
<td>Earthquake Isolation Kit</td>
<td>Installations in seismic regions</td>
</tr>
<tr>
<td>SP20883</td>
<td>Vibration Isolation Kit</td>
<td>Installation on non-concrete floors</td>
</tr>
<tr>
<td>SP20884</td>
<td>8” Diameter UL Certified Termination Kit</td>
<td>Termination to the outside or to the attic with 8” diameter</td>
</tr>
<tr>
<td>SP20885</td>
<td>7” Diameter UL Certified Termination Kit</td>
<td>Termination to the outside or to the attic with 7” diameter</td>
</tr>
<tr>
<td>SP20886</td>
<td>6” Diameter UL Certified Termination Kit</td>
<td>Termination to the outside or to the attic with 6” diameter</td>
</tr>
<tr>
<td>SP20887</td>
<td>5” Diameter UL Certified Termination Kit</td>
<td>Termination to the outside or to the attic with 5” diameter</td>
</tr>
<tr>
<td>SP20888</td>
<td>8” Rheem Approved Damper Kit</td>
<td>Exhaust only to the outside ducting configuration (no inlet duct)</td>
</tr>
<tr>
<td>SP20889</td>
<td>25' Flexible 8” Diameter Duct Kit</td>
<td>For up to 25' of ducting</td>
</tr>
<tr>
<td>SP20890</td>
<td>Rigid Elbow Duct Kit</td>
<td>Installation in tight places where space needs to be minimized</td>
</tr>
</tbody>
</table>

![SP20882](image1) ![SP20883](image2) ![SP20884](image3)  
![SP20885](image4) ![SP20886](image5) ![SP20887](image6)  
![SP20888](image7) ![SP20889](image8) ![SP20890](image9)