Professional Prestige™ Hybrid Heat Pump is our most advanced, energy-efficient electric water heater – its 2.45 Energy Factor lowers energy costs

**Efficiency**
- High 2.45 EF reduces operating cost $370 annually compared to a standard 50-gallon electric model
- ENERGY STAR® rated

**Performance**
- 8700 Btu/h compressor: the most powerful in its class – more heat can be created by the heat pump and less by the costly electric elements. This translates into significant fuel saving in real life applications. For still more savings, the Rheem hybrid has a wider temperature operating range, which means the heat pump can be used to heat water more days throughout the year.
- Ambient operating range: 37-120° F is widest in class, offering more days of HP operation annually; designed to meet Northern Climate Spec (Tier 1)

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**Full-Color LCD Display**
- Intuitive, back lit touch screen with diagnostics

**Easy Installation**
- Easy access side connections
- Narrow 21" diameter, fits through access doors
- Easily replaces a standard electric water heater

**Plus…**
- EcoNet™ compatible for future integration with home automation, energy management and demand response systems
- Patented magnesium anode rod with resistor extends the life of the tank
- 3/4" NPT water inlet, outlet and condensate drain connections
- Incoloy stainless steel resistor elements
- Dry-fire protection
- Easy access, top mounted washable air filter
- 2-1/2" Non-CFC foam insulation
- 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.

**Professional Prestige Hybrid Heat Pump**
50-Gallon Capacity
208-230 Volt / 1 PH / 24 Amps
Electric

8" Top clearance for air circulation
3/4" water connections
208-230 Volt – 1 PH
Max amp draw – 24 amps

myrheem.com/proclub

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>FEATURES</th>
<th>ROUGHING IN DIMENSIONS (SHOWN IN INCHES)</th>
<th>ENERGY INFO</th>
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<td>Tall 50</td>
<td>H B 5 0 RH</td>
<td>8 7 0 0</td>
<td>8 7</td>
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Standard 50-gallon tank defined as a standard 50-gallon electric water heater with an EF of .90. Estimated energy cost based on a national average electricity cost of 12.00 /kWh. Energy Factor determined by U.S. Department of Energy (DOE) test procedures.

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Full-Color LCD Display Screens

Start Up Screen

Press "Standby" to start

Energy Saver Mode 1
Best energy efficiency for typical hot water demands

Home Screen
Factory set to default to the "Energy Saver" mode screen

Modes 2-5

- HP Only Mode: Provides highest energy efficiency when hot water demands are low
- High Demand Mode: Right selection for very high demand (simultaneous operation of multiple hot water fixtures)
- Electric Heat Mode: Operates like a standard electric water heater, no heat pump
- Vacation Mode: Can be set from 2 to 28 days (82°) or placed on "hold" indefinitely

Settings

- Select scale: Fahrenheit or Celsius
- Lock or unlock the home screen; Setting screen remains unlocked
- Enable/disable beeping alarm

Service

- Displays model & serial nos., SW version; change network instance or run a test
- Shows temperatures in tank, ambient air, suction, evaporator and discharge
- Displays current alarms and past alarms; ability to clear all alarms

Enabled

- Press to toggle between Enabled & Standby
  - Enabled: heats water
  - Standby: doesn’t heat water
  Note: “Modes” can’t be selected when unit is in “Standby”

Heat Pump Only Mode: Tank Recovery
Rheem Hybrid (50 gal) vs. Competitor Hybrid (50 gal)

Time it Takes to Heat Tank

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