

# Rheem Prestige™ Series Hybrid Heat Pump Product Summary

**Superb engineering**, coupled with decades of **water heating expertise**, have produced an integrated heat pump water heater that has over **twice the efficiency** of standard electric water heaters. Its **narrow 21” diameter** fits through access doors, unlike some hybrid products.

The Rheem Prestige™ Hybrid Heat Pump Series offers **exceptional energy efficiency, performance, reliability and easy installation** – making it one of the best water heating solutions on the market today.

- High 2.45 EF reduces operating cost \$329 annually compared to a standard 50-gallon electric model
- 8700 Btu/h compressor is the most powerful in its class – more heat can be created by the heat pump and less by traditional electric elements. This translates into significant fuel savings in real-life applications

OUR MOST  
ADVANCED  
**ENERGY  
EFFICIENT  
ELECTRIC  
WATER HEATER**

PRESTIGE  
HYBRID  
**SPECS**  
AT A  
GLANCE

**EF:** 2.45

**Compressor:** 8700 Btu/h

**FHR:** 57 Gallons

**Capacity:** 50-Gallon

**Height:** 75 ½”

**Diameter:** 21”

**Unit Weight:** 180 lbs.

**Ship weight:** 226 lbs.

**Annual cost to operate:** \$191

**EcoNet™:** Compatible for future integration, updates and features

## Why Rheem?

Rheem helps you give your customers the **value, performance** and **features** they want. From our tried and true tank-type water heaters to our space-saving tankless solutions that provide continuous hot water, Rheem has something to **satisfy the budgets and lifestyles** of every customer.

In addition to our large selection of **water heating solutions**, Rheem also has a full line of **heating and cooling** products for warm winter nights, cool summer days and hot water all year round.



To learn more visit us online at [Rheem.com](http://Rheem.com) or call 1.800.621.5622

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



The new degree of comfort.™

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## EFFICIENCY GENERATION

**RHEEM PRESTIGE™ SERIES  
HYBRID HEAT PUMP WATER HEATER**



INTEGRATED AIR & WATER



Water | Residential Electric | Hybrid Heat Pump

# HYBRID HEAT PUMP SELLING POINTS

Here's what makes the Rheem Prestige™ Hybrid Heat Pump, our most advanced energy-efficient electric water heater, the perfect solution for you and your customer:

## Superior Energy Efficiency

2.45 EF – Highest efficiency in its class!

- **Contractor Benefit:** Lower operating cost makes it easier to sell.
- **Homeowner Benefit:** Significantly lowers homeowner's energy bill.

## 8700 Btu/h Compressor

Most powerful compressor in its class and highest Btu. Heats water much faster in HP-only mode with less use of electric elements.

- **Contractor Benefit:** Increased reliability, built to work longer and harder.
- **Homeowner Benefit:** Greater energy efficiency in real-life applications resulting in lower energy costs.

## Intuitive, Full-Color, Back Lit LCD Display

Intuitive operation and the only full-color, back lit, touch screen that can be operated in a dark basement or attic.

- **Contractor Benefit:** Speeds installation and maintenance, intuitive diagnostics, scrollable history and alarms (system alerts).
- **Homeowner Benefit:** Easy-to-adjust water temperatures and five operating modes for top efficiency and comfort.

## Sleek, Contemporary Design

Elegant, high tech design instills confidence.

- **Contractor Benefit:** Easier to upsell an attractive water heater resulting in more sales.
- **Homeowner Benefit:** Homeowner product satisfaction is increased.

## Narrow 21 Inch Diameter

Easy installation in tight spots.

- **Contractor Benefit:** Fits through tight access doors for more application flexibility.
- **Homeowner Benefit:** Takes up less floor space.

## Ambient Temperature Operating Range: 37-120 Degrees

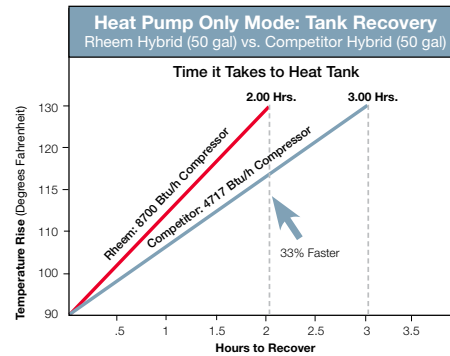
Widest operating temperature range in its class and able to operate in lower temperatures (cooler climates).

- **Contractor Benefit:** Can be installed in more geographic areas and designed to meet Northern climate specs (Tier 1).
- **Homeowner Benefit:** Lowers energy costs by operating Heat Pump more days per year.

# Rheem Prestige™ Series Hybrid Heat Pump Heats Tank 33% Faster!

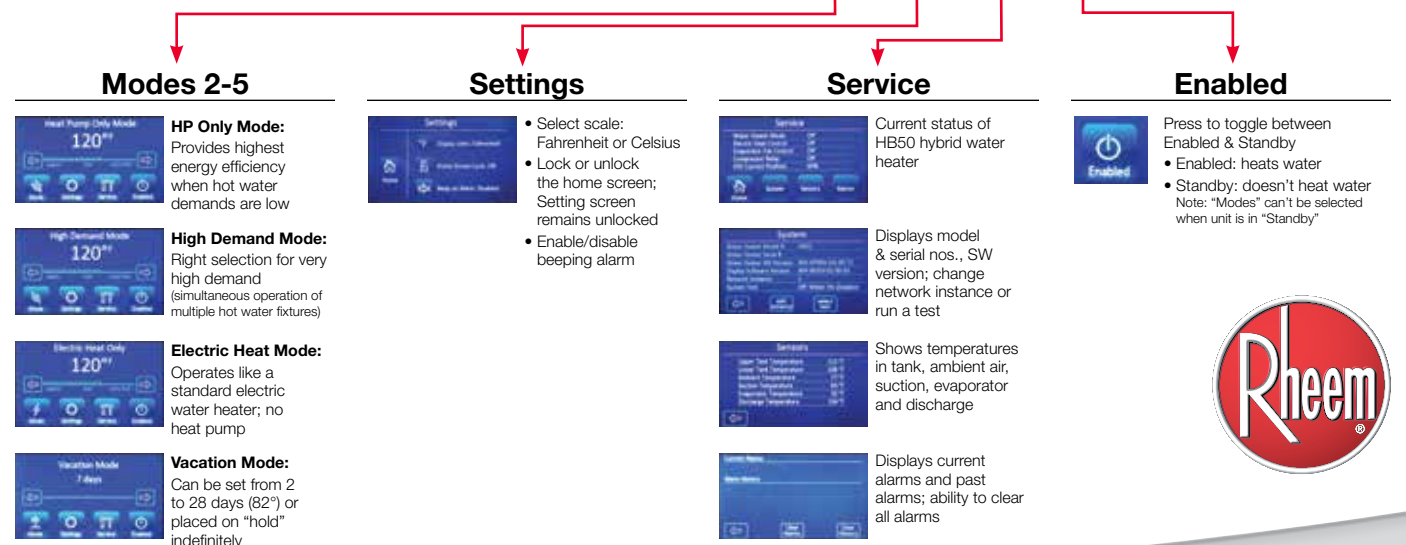
## Heat Pump Only Test

This test illustrates the true value of an 8700 Btu/h heat pump compressor. The three hour temperature rise test is closer to a real-life example on how the Rheem Hybrid reduces fuel costs and speeds hot water recovery.



## Specifications

DESCRIPTION				DIMENSIONS (SHOWN IN INCHES)			ENERGY INFO.		
GAL. CAP.	MODEL NUMBER	FIRST HR. RATING GPH	RECOVERY G.P.H. @ 90°F RISE	HEIGHT	DIAM.	UNIT WEIGHT (LBS)	APPROX. SHIP WT. (LBS)	ENERGY SAVER	AVG. ANN. OPER. COST
50	HB50RH	57	21	75-1/2	21	180	226	2.45 EF	\$191



## Full-Color LCD Display



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

