PERFORMANCE PLATINUM™

The new degree of comfort.®

PERFORMANCE PLATINUM™ Hybrid Electric Heat Pump is the most efficient water heater available

Efficiency
■ High 3.45 - 3.75 UEF reduces operating cost
■ ENERGY STAR® rated

Performance
■ Delivers hot water faster than most standard electric water heaters – 46-67 gallons first-hour delivery, depending on model
■ Ambient operating range: 37-145° F is widest in class, offering more days of HP operation annually; designed to meet Northern Climate Spec (Tier 4)

Easy Installation
■ Easy access side connections
■ Quick access to electrical junction box
■ Easily replaces a standard electric water heater

Integration
■ Electronic control for easy temperature adjustment and mode management
■ Audible alarm for service alerts

EcoNet®

■ Integrated EcoNet® Wi-Fi-connected* technology and free mobile app gives users control over water heater, allowing for customizable temperature, vacation settings, energy savings and system monitoring at home or away.
■ Demand Response Ready with built-in EcoPort™ (CTA-2045 Port)
■ **Easily add leak detection and prevention with the leak sensor and shut-off valve kit (part# SP21111 sold separately)**

Operation Modes
■ Energy Saver
■ Heat Pump
■ High Demand
■ Electric
■ Vacation/Away: 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
■ Design certified to NSF/ANSI 372 (Lead Content)

Warranty
■ 10-Year limited warranty for tank and parts, 1-year full in-home 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

15 Amps

PERFORMANCE PLATINUM Hybrid Electric Heat Pump
40, 50, 65 and 80-Gallon Capacities
208-240 Volt / 1 PH
Electric

LEED Points = 3

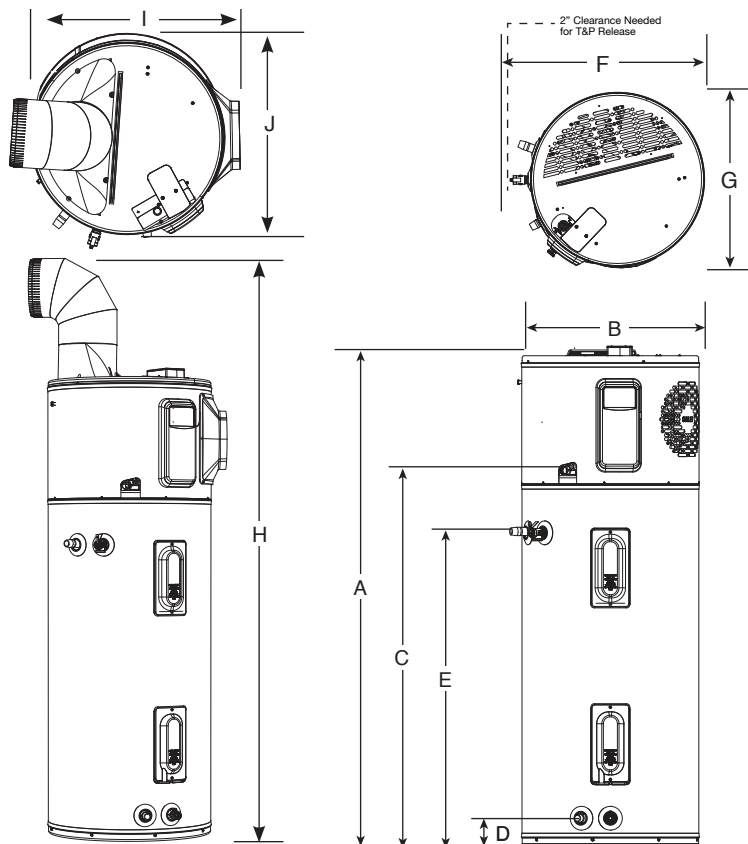**See specifications chart on back.**

PERFORMANCE PLATINUM™ Hybrid Electric Heat Pump Specifications

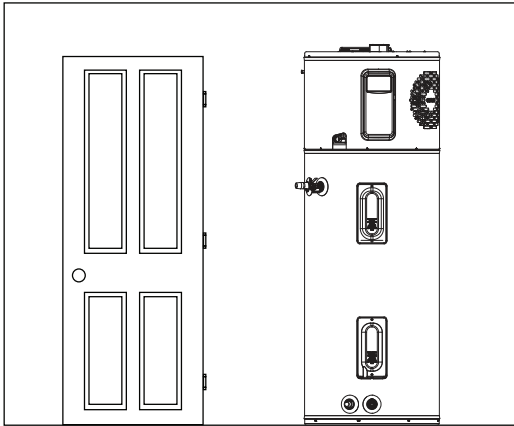| Fuel Type	Desc.	Nominal Gallon Cap.	Rated Gallon Cap.	Model Number	Electric Breaker Size	Uniform Energy Factor (UEF)	Element Wattage	Compressor Btu/H	First Hr. Rating (Gallons)	Recovery in G.P.H. 90° F Rise	Tank Height A	Diam. B	Ht. to Cold Inlet & Drain Valve	Ht. to Hot Outlet & T&P	Unit Wt. (LBS.)	Approx. Ship Wt. (LBS.)
15 AMPS																
Electric	Tall	40	36	XE40T10H22U0	15	3.45	2,250	4200	46	16	63"	20-1/4"	3-5/8"	39-5/8"	157	174
Electric	Tall	50	45	XE50T10H22U0	15	3.75	2,250	4200	52	16	62"	22-1/4"	3-5/8"	39-5/8"	178	218
Electric	Tall	65	59	XE65T10H22U0	15	3.55	2,250	4200	54	16	65"	24-1/4"	3-7/8"	42-3/8"	225	262
Electric	Tall	80	72	XE80T10H22U0	15	3.70	2,250	4200	67	16	75"	24-1/4"	3-7/8"	42-3/8"	244	281

2" Clearance Needed for T&P Release

DESCRIPTION		DIMENSIONS (SHOWN IN INCHES)									
NOMINAL GALLON CAPACITY	MODEL NUMBER	A	B	C	D	E	F	G	H	I	J
40	XE40T10H45U0	62-5/16	20-1/4	47	3-5/8	39-5/8	23-3/8	20-1/2	78-7/8	22-3/8	23-1/4
50	XE50T10H45U0	61-3/4	22-1/4	47	3-5/8	39-5/8	25-3/8	22-1/2	78-5/8	24-3/8	25-9/16
65	XE65T10H45U0	64-3/16	24-1/4	49	3-7/8	42-3/8	27-1/2	24-5/8	81-1/8	26-1/2	27-3/8
80	XE80T10H45U0	74-3/16	24-1/4	59	3-7/8	42-3/8	27-1/2	24-5/8	91	26-1/2	27-3/8

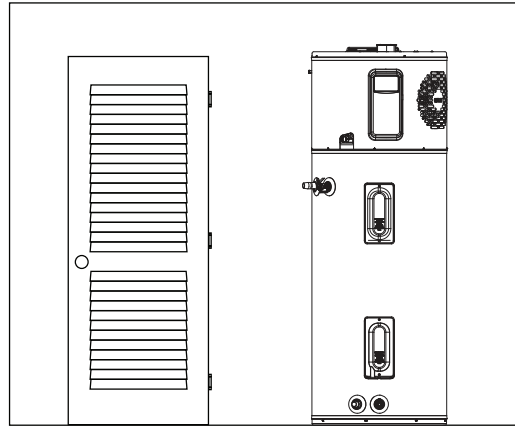# Hybrid Electric Heat Pump Water Heater Installation Guidelines to Provide Optimal Efficiency

Heater: Not Ducted

Room size: Larger than 700 ft^3 (e.g. 7' x 10' x 10').
Requirements: No additional ventilation needed.
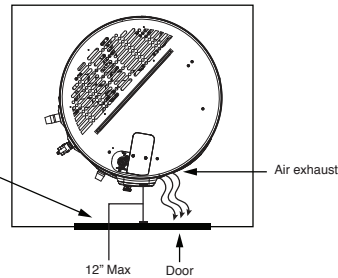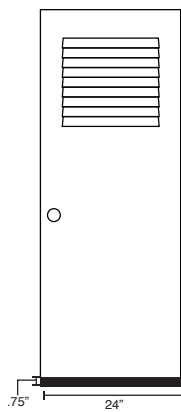
Heater: Not Ducted

Room size: Smaller than 700 ft^3 (e.g. 7' x 10' x 10').
Requirements: Full louvered door OR two louvers top and bottom. See below.
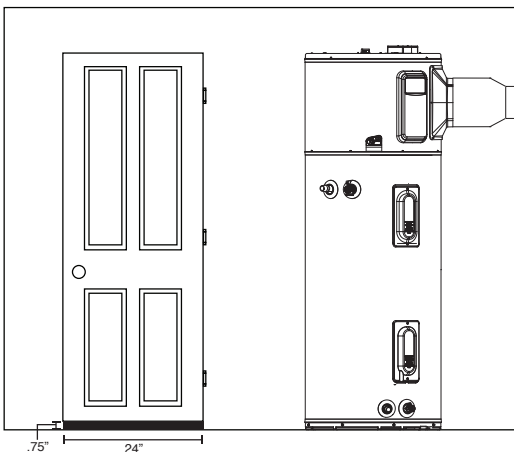
Heater: Not ducted

Room: Small Closet
Requirements: * Air gap under door equal to 18 in^2 (0.75" clearance).
       * Louver must be located the same height on door as the air exhaust on heater.
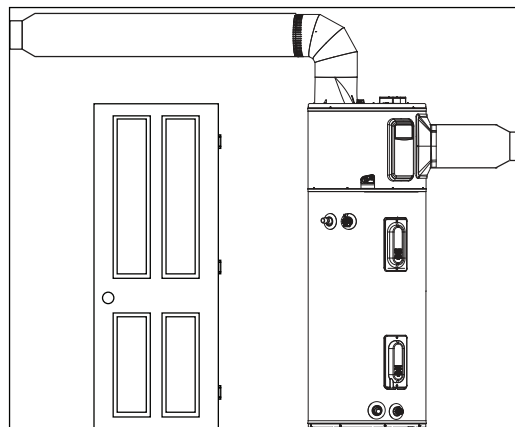   * Heater air exhaust must be positioned towards louver within one foot of door.

Air exhaust

.75" 24"

12" Max Door

Heater: Ducted with inlet OR outlet duct

Room size: Any size room
Requirements: Air gap under door equal to 18 in^2 (0.75" clearance)

.75" 24"

Heater: Ducted with inlet AND outlet duct

Room size: Any size room
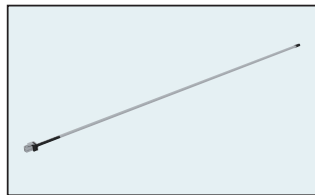Requirements: No additional ventilation needed.

![Rheem logo] The new degree of comfort.®

Hybrid Electric Heat Pump Accessories List

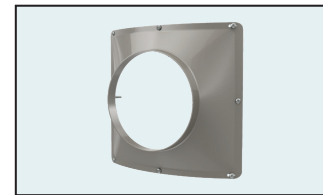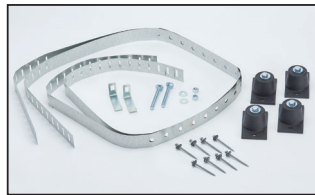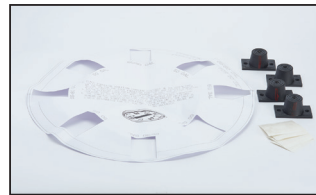| PART NUMBER	DESCRIPTION	USE FOR
AP19134	Leak Sensor	Automatic detection of internal and external leaks
AP20180	Shutoff Valve	Automatic shut off of water supply to unit
SP21105	Inlet Duct Adapter Kit	Allows for ducting to be connected on the top inlet
SP17829	Outlet Duct Adapter Kit	Allows for ducting to be connected to the unit
SP20882	Earthquake Isolation Kit	Installations in seismic regions
SP20883	Vibration Isolation Kit	Installation on non-concrete floors
SP20884	8" Diameter UL Certified Termination Kit	Termination to the outside or to the attic with 8" diameter
SP20885	7" Diameter UL Certified Termination Kit	Termination to the outside or to the attic with 7" diameter
SP20886	6" Diameter UL Certified Termination Kit	Termination to the outside or to the attic with 6" diameter
SP20887	5" Diameter UL Certified Termination Kit	Termination to the outside or to the attic with 5" diameter
SP20888	8" Rheem Approved Damper Kit	Exhaust only to the outside ducting configuration (no inlet duct)
SP20889	25' Flexible 8" Diameter Duct Kit	For up to 25' of ducting
SP20890	Rigid Elbow Duct Kit	Installation in tight places where space needs to be minimized
UPGRADE KIT		
SP21111	Leak Sensor & Shutoff Valve Kit	Add leak detector and shutoff valve to protect from water damage

Leak Sensor
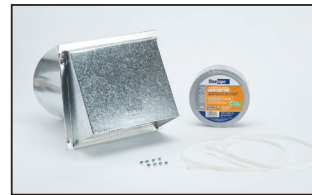
Shutoff Valve

Inlet Duct Adapter Kit

Outlet Duct Adapter Kit

Earthquake Isolation Kit

Vibration Isolation Kit

8" Diameter UL Certified Termination Kit

7" Diameter UL Certified Termination Kit

6" Diameter UL Certified Termination Kit

5" Diameter UL Certified Termination Kit
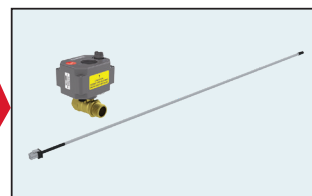
8" Rheem Approved Damper Kit

25' Flexible 8" Diameter Duct Kit

Rigid Elbow Duct Kit

UPGRADE KIT (for ProTerra models without LeakGuard only) – Add leak detector and shuttoff valve to protect from water damage

Leak Sensor & Shutoff Valve Kit

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