The new degree of comfort.®

Professional *Prestige*® ProTerra™ Hybrid Electric with LeakGuard™ is the most efficient water heater available

Efficiency

- Up to 4.07 UEF reduces operating cost
- ENERGY STAR® rated
- Title 24 Compliant (JA13 Ready)

Performance

- Delivers hot water faster than most standard electric water heaters
- 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

- LED Screen with built-in water sensor alert with audible alarm[1]
- Integrated EcoNet® WiFi-connected[2] 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)
- LeakGuard™ and LeakSense™ integrated leak detection and prevention system with factory installed auto water shut-off valve limits leaks to no more than 20 ounces of water[1, 3]

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 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* ProTerra Hybrid

40, 50, 65 and 80-Gallon Capacities
208-240 Volt / 1 PH
Electric

LEED Points = 3

[1]Available with select models. [2]WiFi broadband internet connection required. [3]Source: Rheem Leak-Sensing Data; testing under a vacuum lock using 50-gallon tank, no expansion tank, average tank pressure of 40 psi, assuming no additional faucets are opened.

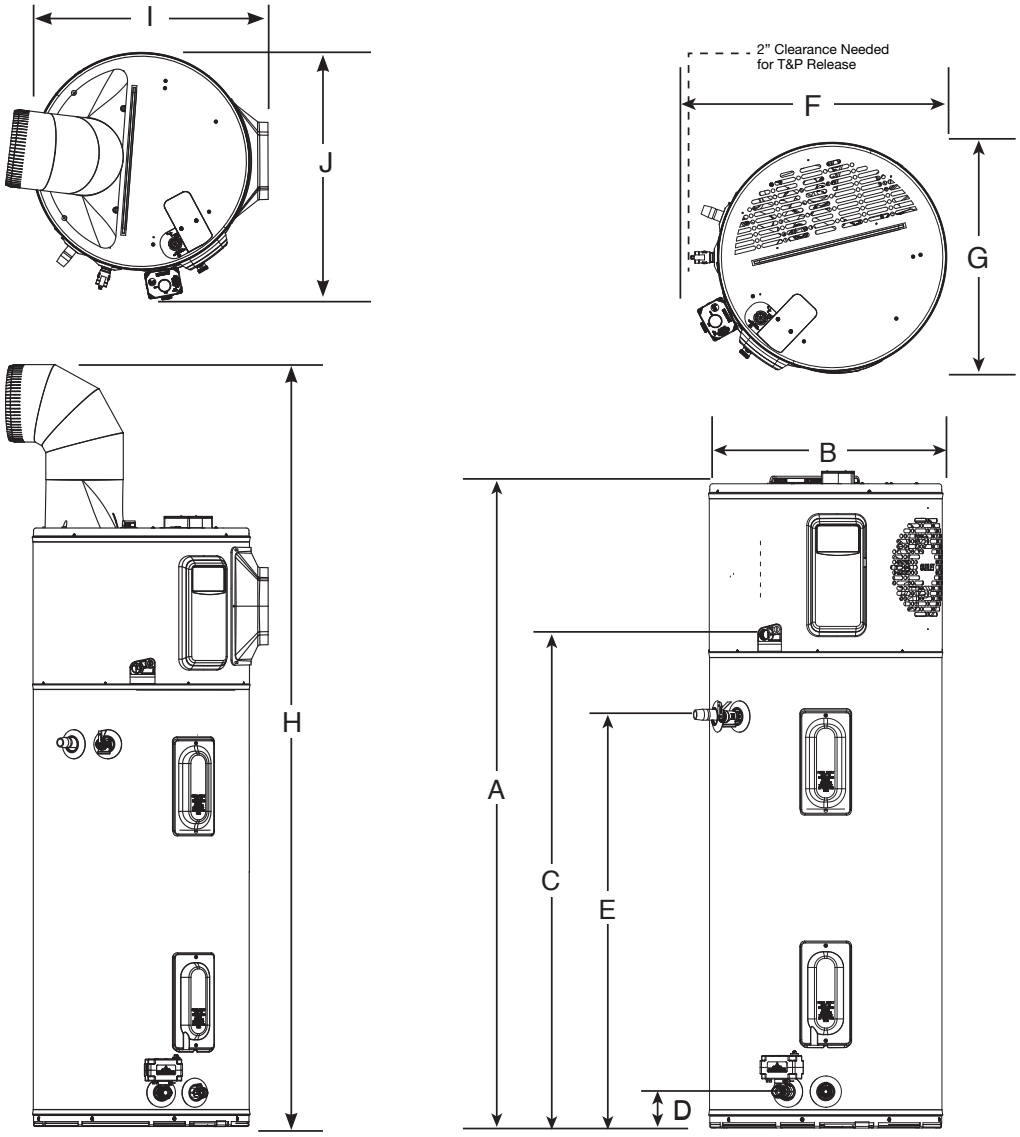
See specifications chart on next page.

12/22 WP FORM NO. HP-375-SO Rev. 2

Professional *Prestige*® ProTerra Hybrid Specifications

DESCRIPTION					ENERGY INFO	FEATURES						SHIPPING WEIGHTS	
NOMINAL GALLON CAPACITY	RATED GALLON CAPACITY	MODEL NUMBER	MODEL VARIANT	ELECTRIC BREAKER SIZE	UNIFORM ENERGY FACTOR (UEF)	COMPRESSOR BTU/H	UEF FIRST HR. RATING G.P.H.	RECOVERY IN G.P.H 90° F RISE	ELEMENT WATTAGE	TOTAL UNIT WATTAGE	MAX AMPS	UNIT WT. (LBS)	APPROX. SHIP WT. (LBS.)
ProTerra with LeakGuard													
40	36	PROPH40 T2 RH375-SO	700646	30	3.83	4,200	60	26	4,500	5,000	21	157	174
50	45	PROPH50 T2 RH375-SO	700643	30	3.88	4,200	67	27	4,500	5,000	21	178	218
65	59	PROPH65 T2 RH375-SO	700644	30	4.05	4,200	75	27	4,500	5,000	21	225	262
80	72	PROPH80 T2 RH375-SO	700645	30	4.07	4,200	87	27	4,500	5,000	21	244	281

Uniform Energy Factor and rated gallon capacity based on Department of Energy (DOE) requirements.
All units have integrated WiFi control board.

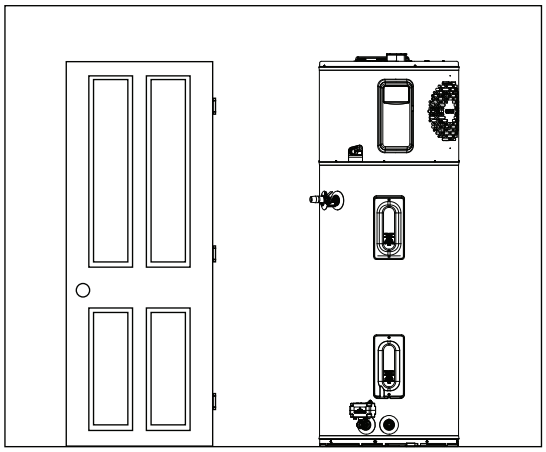


DESCRIPTION		DIMENSIONS (SHOWN IN INCHES)									
NOMINAL GALLON CAPACITY	MODEL NUMBER	A	B	C	D	E	F	G	H	I	J
40	PROPH40	62-5/16	20-1/4	47	3-5/8	39-5/8	25-3/8	20-1/2	78-7/8	22-3/8	23-1/4
50	PROPH50	61-3/4	22-1/4	47	3-5/8	39-5/8	27-3/8	22-1/2	78-5/8	24-3/8	25-9/16
65	PROPH65	64-3/16	24-1/4	49	3-7/8	42-3/8	29-1/2	24-5/8	81-1/8	26-1/2	28-1/16
80	PROPH80	74-3/16	24-1/4	59	3-7/8	42-3/8	29-1/2	24-5/8	91	26-1/2	27-3/8

Hybrid Water Heater Installation Guidelines to Provide Optimal Efficiency

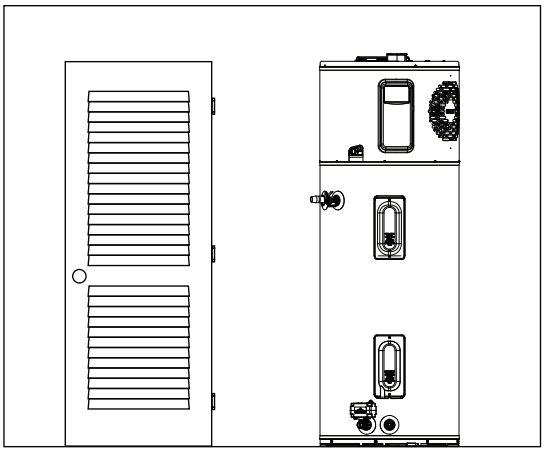
Heater: Not Ducted

Room size: Larger than 700 ft³ (e.g. 7' x 10' x 10').
Requirements: No additional ventilation needed.



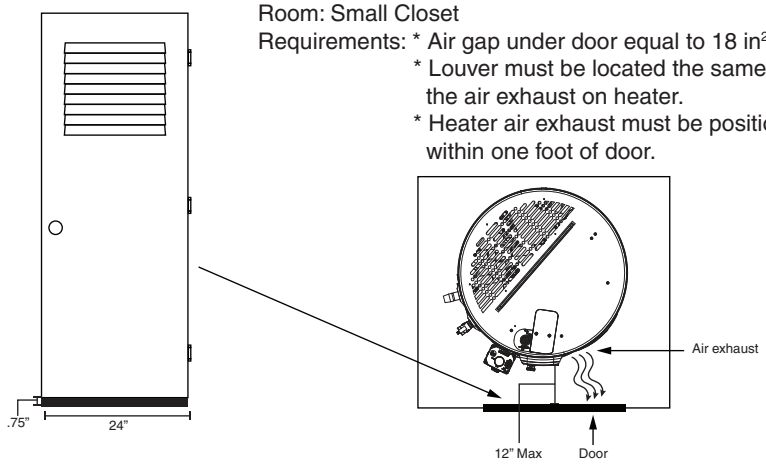
Heater: Not Ducted

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.



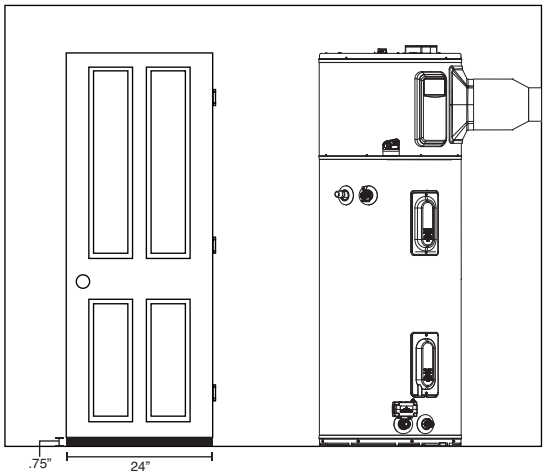
Heater: Not ducted

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.



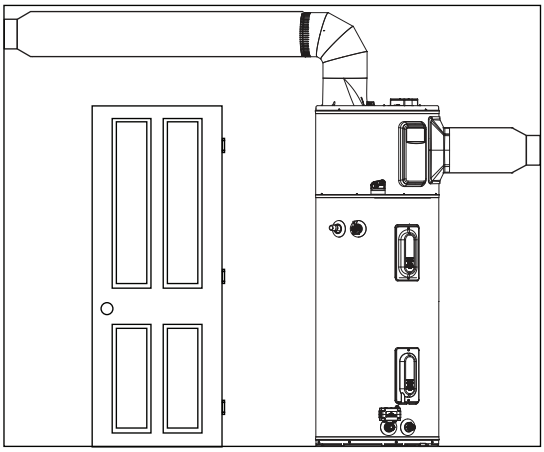
Heater: Ducted with inlet OR outlet duct

Room size: Any size room
Requirements: Air gap under door equal to 18 in² (0.75” clearance)



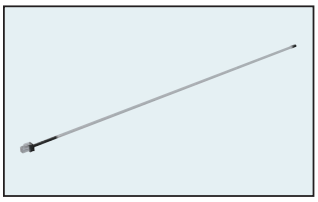
Heater: Ducted with inlet AND outlet duct

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

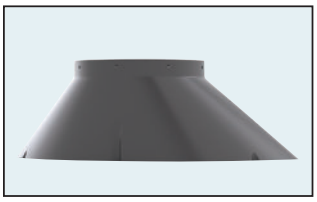


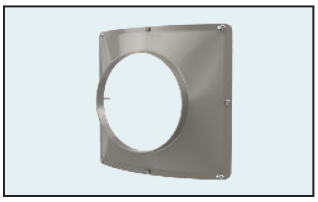
Hybrid Accessories List

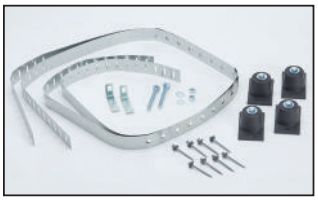
PART NUMBER	DESCRIPTION	USE FOR
AP19134	Leak Sensor	Automatic detection of internal and external leaks
AP20180	Shutoff Valve	Automatic shut off of water supply to unit
SP21105	Inlet Duct Adapter Kit	Allows for ducting to be connected on the top inlet
SP17829	Outlet Duct Adapter Kit	Allows for ducting 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

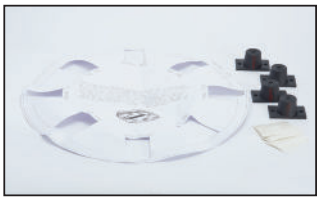

Leak Sensor

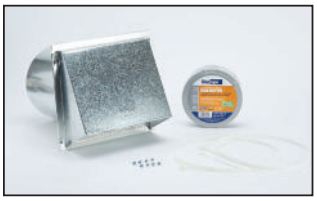
Shutoff Valve


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

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

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