



The new degree of comfort.®



Residential Electric
Professional Prestige
Hybrid Water Heaters

Professional *Prestige*® Hybrid Electric

Efficiency

- High 3.50 EF reduces operating cost
- ENERGY STAR® rated

Performance

- Delivers hot water faster than most standard electric water heaters – 67 US gallons first-hour delivery for 50-US gallon model, 75 gallons FHD for 65-US gallon model and 89 gallons FHD for 80-US gallon model
- Ambient operating range: 37-145° F, 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/hybridsolutions
- Water sensor detects water outside of the unit and sends an alert via the free Rheem EcoNet® mobile app to the homeowner

Operation Modes

- Energy Saver
- Heat Pump
- High Demand
- Electric
- 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
- Factory-installed heat trap nipples
- 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
See Residential Warranty Certificate for complete information

*WiFi broadband internet connection required.



Professional *Prestige* Hybrid

50, 65 and
80-US Gallon Capacities
208-240 Volt / 1 PH / 24 Amps
Electric



LEED Points = 3

See specifications chart on next page.

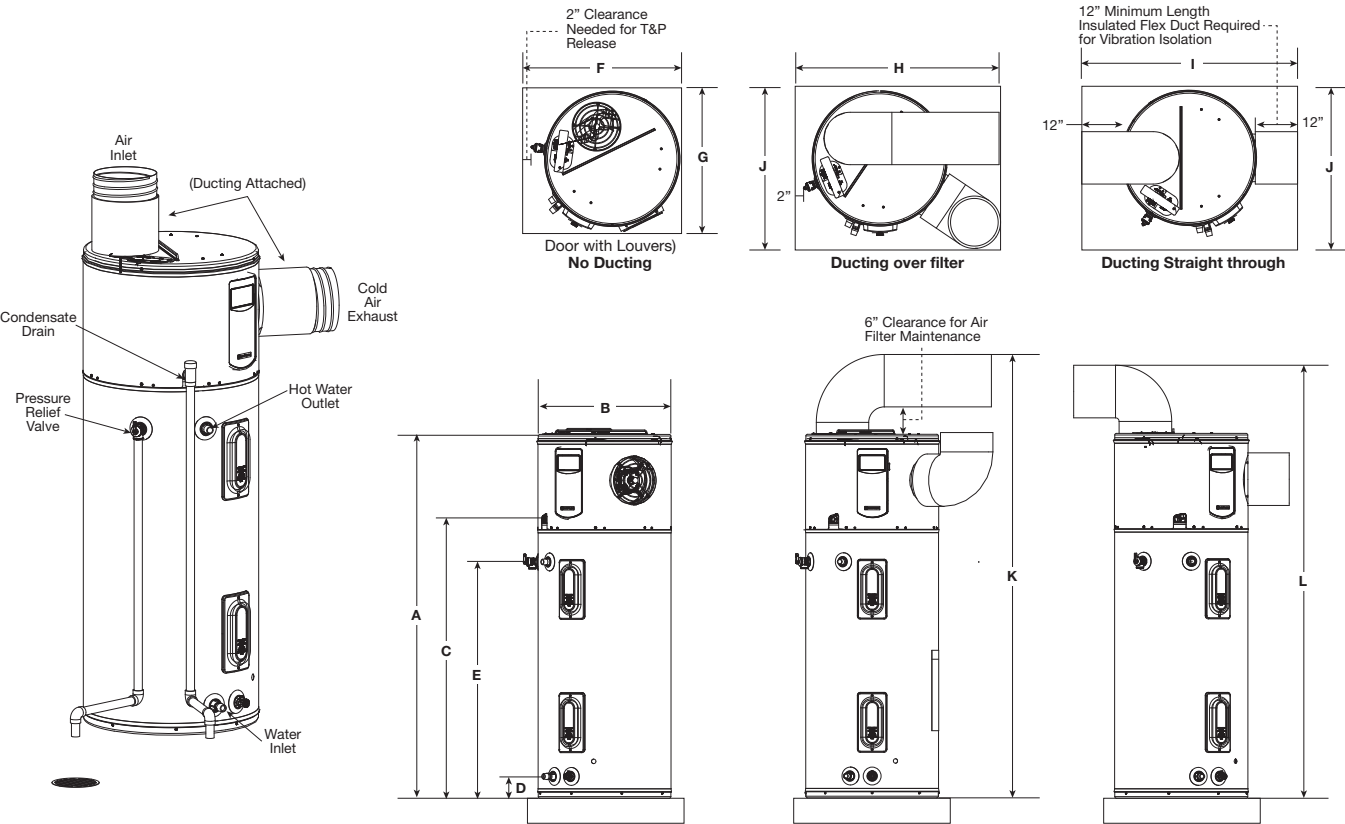


INTEGRATED HOME COMFORT

Professional *Prestige*[®] Hybrid Specifications

DESCRIPTION			ENERGY INFO	FEATURES				TANK DIMENSIONS (SEE SPACE REQUIREMENTS IN DIAGRAMS BELOW)					
US GALLON CAPACITY	IMPERIAL GALLON CAPACITY	MODEL NUMBER	ENERGY FACTOR (EF)	COMPRESSOR BTU/H	SOUND LEVEL (dBA)	FIRST HR. RATING G.P.H.	RECOVERY IN G.P.H 90° F RISE	HEIGHT A	DIAM. B	HT. TO COLD INLET & DRAIN VALVE	HT. TO HOT OUTLET & T&P	UNIT WT. (LBS)	APPROX. SHIP WT. (LBS.)
50	42	PROPH50 T2 RH350 DC	3.50	4200	49	70	29	61"	22-1/4"	3-5/8"	39-5/8"	178	218
65	54	PROPH65 T2 RH350 DC	3.50	4200	49	78	29	64"	24-1/4"	3-7/8"	42-3/8"	225	262
80	67	PROPH80 T2 RH350 DC	3.50	4200	49	90	29	74"	24-1/4"	3-7/8"	52-3/8"	244	281

All units have integrated WiFi control board.

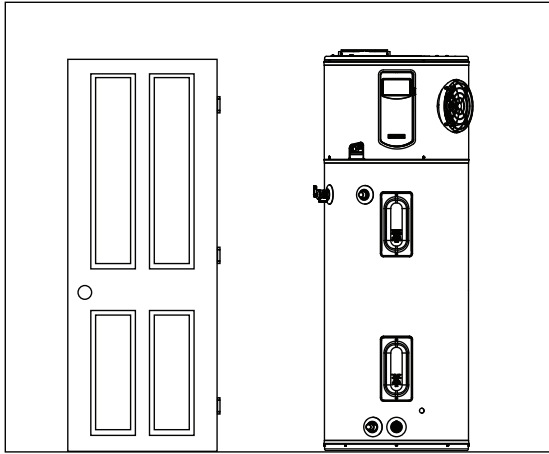


DESCRIPTION		DIMENSIONS (SHOWN IN INCHES)											
NOMINAL GALLON CAPACITY	MODEL NUMBER	A	B	C	D	E	F	G	H	I	J	K	L
50	PROPH50	61	22-1/4	47	3-5/8	39-5/8	28	24	36	50	27	77	73
65	PROPH65	64	24-1/4	49	3-7/8	42-3/8	30	26	38	52	29	80	76
80	PROPH80	74	24-1/4	59	3-7/8	52-3/8	30	26	38	52	29	90	86

Hybrid Water Heater Installation Guidelines to Provide Optimal Efficiency

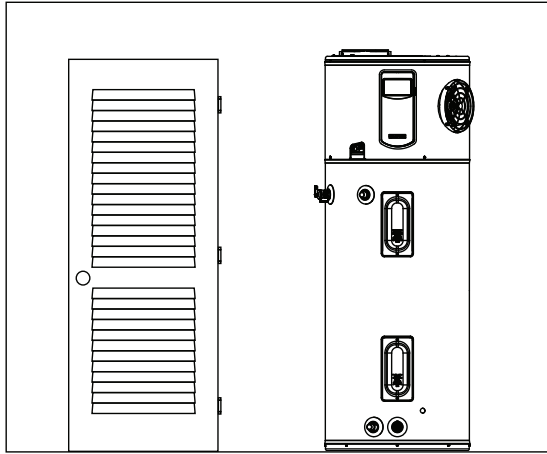
Heater: Not Ducted

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



Heater: Not Ducted

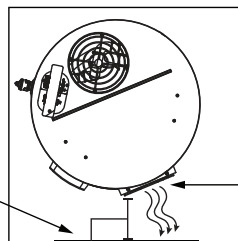
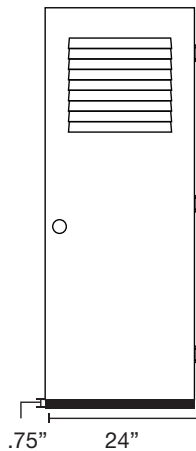
Room size: Smaller than 700 ft³ (e.g. 7' x 10' x 10').
Requirements: Full louvered door OR two louvers top and bottom. See below.



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.

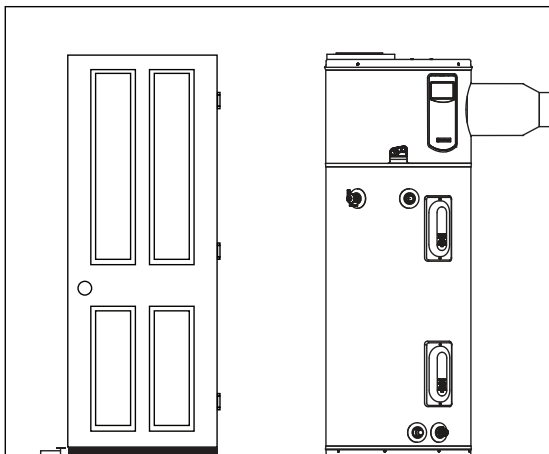


Air exhaust

12" Max Door

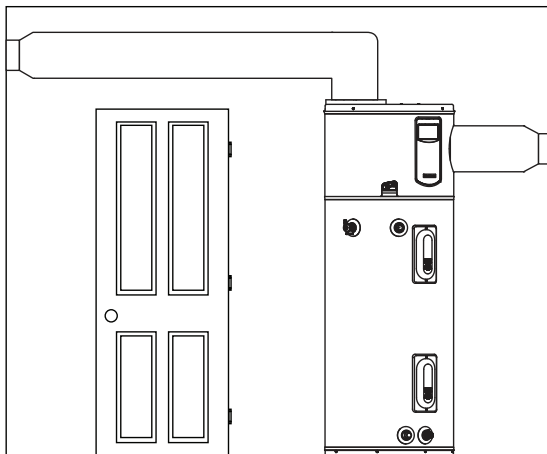
Heater: Ducted with inlet OR outlet duct

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.





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Hybrid Accessories

PART NUMBER	DESCRIPTION	USE FOR
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



SP20884



SP20885



SP20886



SP20887



SP20888



SP20889



SP20890

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

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