

Encore

Encore Hybrid Electric is the most efficient water heater available

EFFICIENCY

- Up to 4.0 UEF reduces operating cost
- ENERGY STAR® rated

PERFORMANCE

- Delivers hot water faster than most standard electric water heaters – 54-87 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



- Integrated EcoNet® WiFi-connected* technology (2.4 GHz only) 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/EcoNetConnect

OPERATION MODES

- Energy Saver
- Heat Pump Only
- High Demand
- Electric Heat Only
- 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
- Low lead compliant

WARRANTY

- 10-Year limited tank and parts warranty, 2-year limited 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 and
30 Amps

Encore Hybrid
50 and 80-Gallon
Capacities
208-240 Volt / 1 PH
Electric



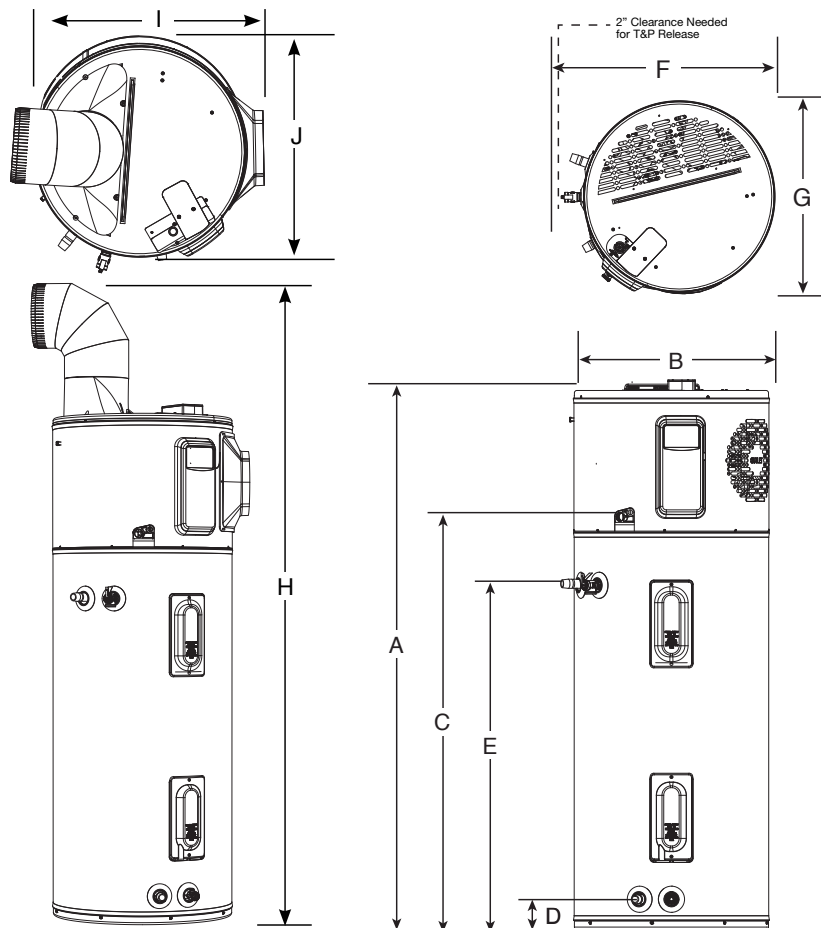
LEED Points = 3

See specifications chart on back.

Hybrid Electric Specifications

DESCRIPTION				ENERGY INFO		FEATURES					TANK DIMENSIONS (SEE SPACE REQUIREMENTS IN DIAGRAMS BELOW)					
NOMINAL GALLON CAPACITY	RATED GALLON CAPACITY	MODEL NUMBER	ELECTRIC BREAKER SIZE	UNIFORM ENERGY FACTOR (UEF)	EST. YEARLY ENERGY COST	ELEMENT WATTAGE	COMPRESSOR BTU/H	SOUND LEVEL (dBA)	UEF 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.)
30 AMPS																
50	45	10E50-HP530	30	3.75	\$104	4,500	4200	49	67	27	61-3/4"	22-1/4"	3-5/8"	39-5/8"	178	218
80	72	10E80-HP530	30	4.00	\$149	4,500	4200	49	87	27	74-3/16"	24-1/4"	3-7/8"	42-3/8"	244	281
15 AMPS																
50	45	10E50-HP515	15	3.75	\$104	2,250	4200	49	54	16	61-3/4"	22-1/4"	3-5/8"	39-5/8"	178	218
80	72	10E80-HP515	15	3.70	\$105	2,250	4200	49	67	16	74-3/16"	24-1/4"	3-7/8"	42-3/8"	244	281

Estimated energy cost based on a national average electricity cost of \$0.12 /kWh. Uniform Energy Factor and rated gallon capacity based on Department of Energy (DOE) requirements. All units have integrated WiFi control board.

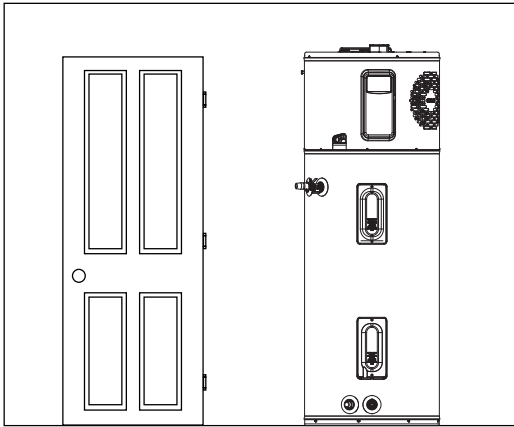


DESCRIPTION		DIMENSIONS (SHOWN IN INCHES)									
NOMINAL GALLON CAPACITY	MODEL NUMBER	A	B	C	D	E	F	G	H	I	J
50	10E50-HP5	61-3/4	22-1/4	47	3-5/8	39-5/8	25-3/8	22-1/2	78-5/8	24-3/8	25-9/16
80	10E80-HP5	74-3/16	24-1/4	59	3-7/8	52-3/8	27-1/2	24-5/8	91	26-1/2	27-3/8

Hybrid Water Heater Installation Guidelines to Provide Optimal Efficiency

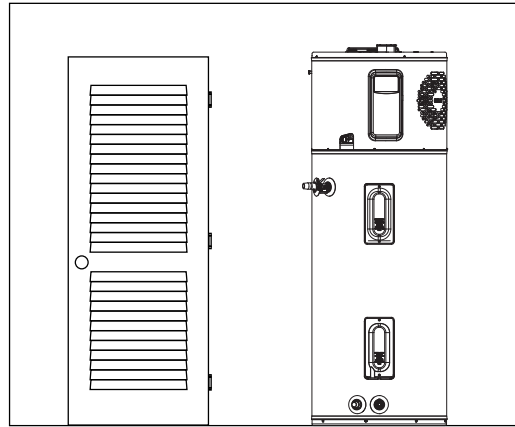
Heater: Not Ducted

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



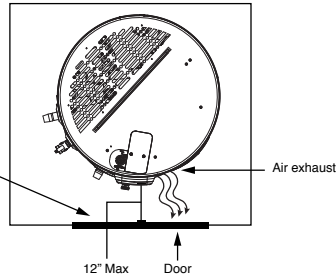
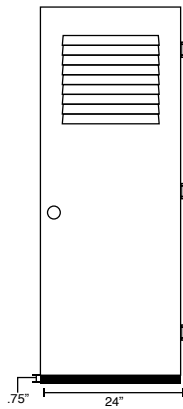
Heater: Not Ducted

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.



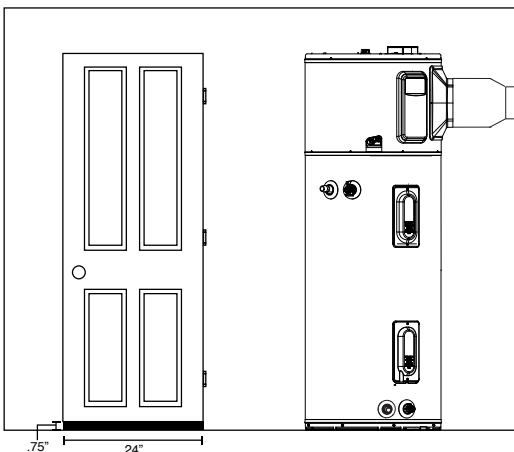
Heater: Not ducted

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.



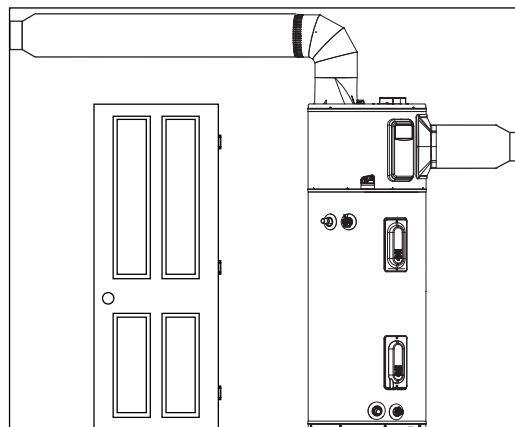
Heater: Ducted with inlet OR outlet duct

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



Heater: Ducted with inlet AND outlet duct

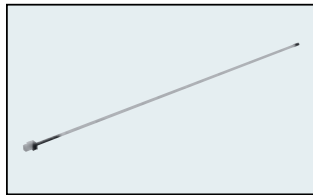
Room size: Any size room
 Requirements: No additional ventilation needed.



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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
AP21365	Inlet Duct Adapter	Allows for ducting to be connected on the top inlet
AP17829	Outlet Duct Adapter	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" Richmond 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	Upgrade ProTerra 15 and 30 Amp models to protect your customers home from water damage with leak detection and auto shutoff valve



AP19134



AP20180



AP21365



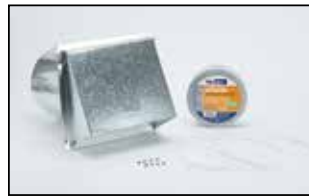
AP17829



SP20882



SP20883



SP20884



SP20885



SP20886



SP20887



SP20888

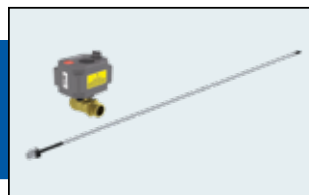


SP20889



SP20890

UPGRADE KIT (for model without Leakguard only) – Add leak detector and shutoff valve to protect from water damage



SP21111