



Professional *Ultra*™ Hybrid Electric is the most efficient water heater available

Efficiency

- High 3.29 - 3.40 UEF reduces operating cost
- ENERGY STAR® rated

Performance

- Delivers hot water faster than most standard electric water heaters – 65 gallons first-hour delivery for 50-gallon model, 73 gallons FHD for 65-gallon model and 85 gallons FHD for 80-gallon 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 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



- 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 Ruud.com/hybridsolutions
- Water sensor detects water outside of the unit and sends an alert via the free Ruud EcoNet™ mobile app to the homeowner
- EcoNet™ WiFi Kit part number EEWRA631EWH sold separately



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
- 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

Accessories

- Earthquake Kit part number SP20882, sold separately
- Vibration Isolation Kit part number SP20883, sold separately

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.

*WiFi broadband internet connection required.



Professional *Ultra* Hybrid

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



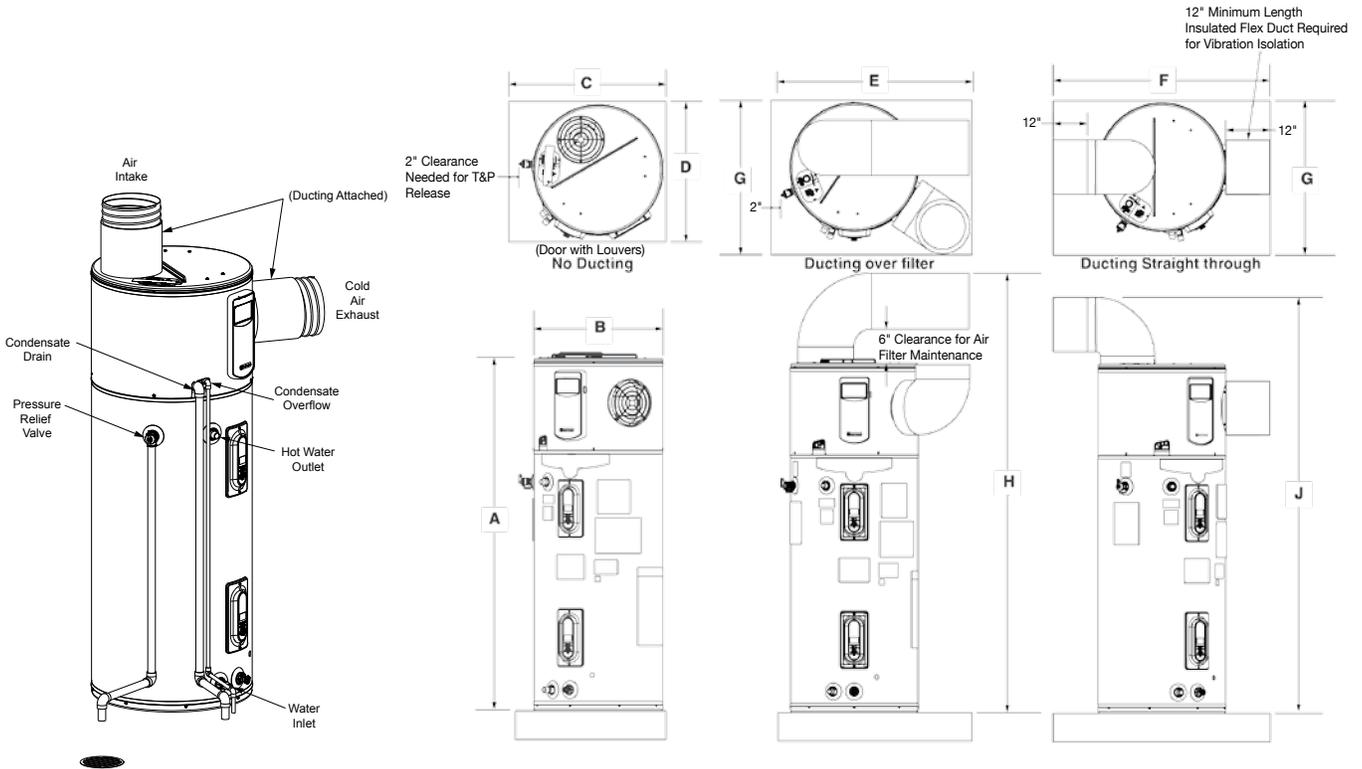
LEED Points = 3

See specifications chart on back.

Professional Ultra™ Hybrid Specifications

DESCRIPTION			ENERGY INFO.			FEATURES					TANK DIMENSIONS (SEE SPACE REQUIREMENTS IN DIAGRAMS BELOW)					
NOMINAL GALLON CAPACITY	RATED GALLON CAPACITY	MODEL NUMBER	ENERGY FACTOR	UNIFORM ENERGY FACTOR (UEF)	ESTIMATED YEARLY ENERGY COST	COMPRESSOR BTU/H	SOUND LEVEL (dBA)	UEF FIRST HR. RATING G.P.H.	EF 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	45	PROUH50 T2 RU350 D	3.50 EF	3.29	\$118	4200	49	65	70	29	61"	22-1/4"	3-5/8"	39-5/8"	178	218
65	59	PROUH65 T2 RU350 D	3.50 EF	3.35	\$116	4200	49	73	78	29	64"	24-1/4"	3-7/8"	42-3/8"	225	262
80	72	PROUH80 T2 RU350 D	3.50 EF	3.40	\$175	4200	49	85	90	29	74"	24-1/4"	3-7/8"	52-3/8"	244	281

Estimated energy cost based on a national average electricity cost of 12.00 /kWh. Uniform Energy Factor, Energy Factor and rated gallon capacity based on Department of Energy (DOE) requirements.

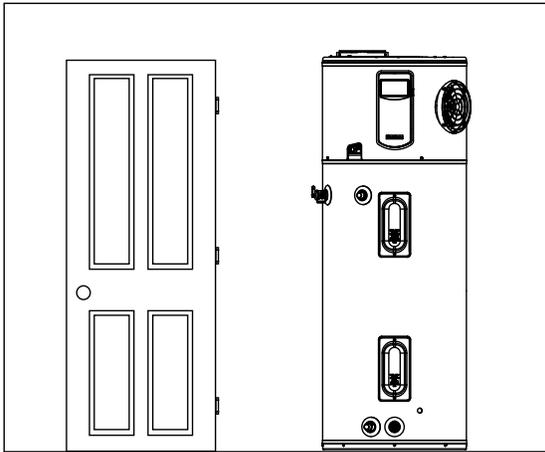


DESCRIPTION		DIMENSIONS (SHOWN IN INCHES)								
GAL. CAP.	MODEL NUMBER	A	B	C	D	E	F	G	H	J
50	PROUH50 T2 RU350 D	61	22-1/4	28	24	36	50	27	77	73
65	PROUH65 T2 RU350 D	64	24-1/4	30	26	38	52	29	80	76
80	PROUH80 T2 RU350 D	74	24-1/4	30	26	38	52	29	90	86

Hybrid Water Heater Installation Guidelines to Provide Optimal Efficiency

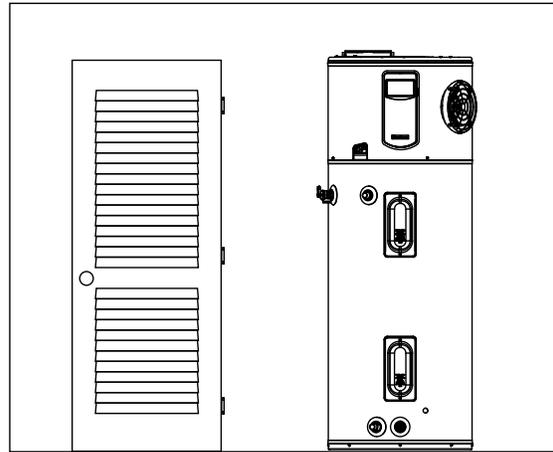
Heater: Not Ducted

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



Heater: Not Ducted

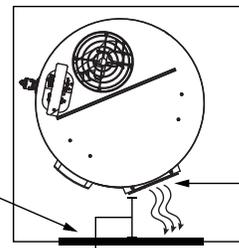
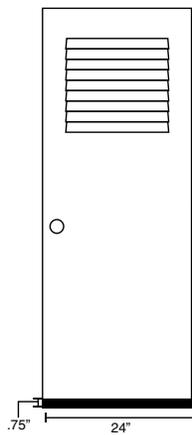
Room size: Smaller than 700 ft³ (e.g. 7' x 10' x 10').
 Requirements: Full louvered door OR two louvers top and bottom. See below.



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.

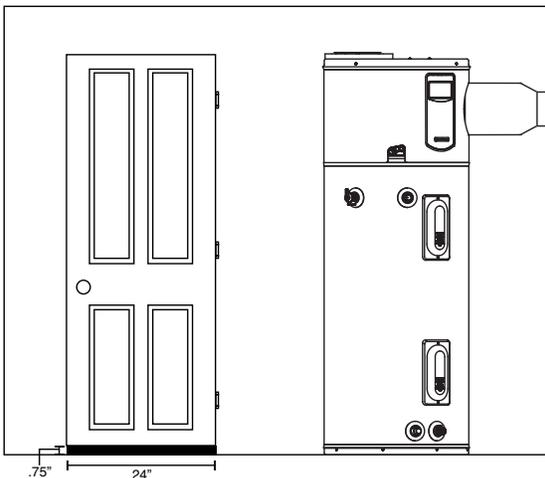


Air exhaust

12" Max Door

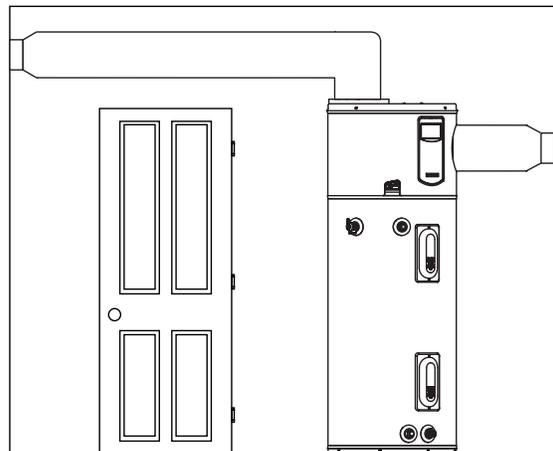
Heater: Ducted with inlet OR outlet duct

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.



Hybrid Water Heaters



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