

50-Gallon Hybrid Electric Heat Pump Water Heater

The latest addition to our high-efficiency line of Hybrid Electric Heat Pump Water Heaters

The new 50-Gallon Hybrid Electric Heat Pump Water Heater from Reliance[®] is the most efficient Heat Pump Water Heater on the market! It works by absorbing heat from the ambient air and transferring that heat to the water inside the tank. Saving money is a breeze, since the \$170 annual operating cost of the 50-Gallon Hybrid Electric Heat Pump Water Heater is \$350 less than a comparable standard electric model. Through its life-cycle the new Reliance Heat Pump Water Heater can save more than enough to pay for your next water heater installed.

- ENERGY STAR[®] qualified for many state and local utility rebates
- 2.75 Energy Factor (EF) rating, resulting in a money-saving \$170 annual operating cost
- Reduces water heating costs up to 66% and can provide payback in two to three years
- 67.5 gallon First Hour Delivery meets Uniform Plumbing Code requirements for 3 bedroom/3 bath homes
- Multiple operating modes allow maximum efficiency and performance
- Super quiet operation – 51 dBA versus competitor's 55 dBA
- Long-lasting 4,500 watt upper and lower backup heating elements
- 10-Year Limited Tank and Parts Warranty





Electronic User Interface

- User friendly, easy to read eye-level display
- Easily select operating mode: Efficiency, Hybrid, Electric, Vacation
- Display communicates mode, set point, and displays service messages when applicable
- Vacation mode programmable up to 99 days

Efficiency Mode

- Utilizes the heat pump for all water heating
- Automatically reverts to heating elements if ambient air or incoming water temperatures are outside optimal operating range for heat pump

Hybrid Mode

- Utilizes the heat pump or heating elements, depending on demand

Electric Mode

- Standard electric water heater operation

Vacation Mode

- Maintains tank temperature at 60°F during vacation or extended absence, up to 99 days, to reduce operating costs and provide freeze protection

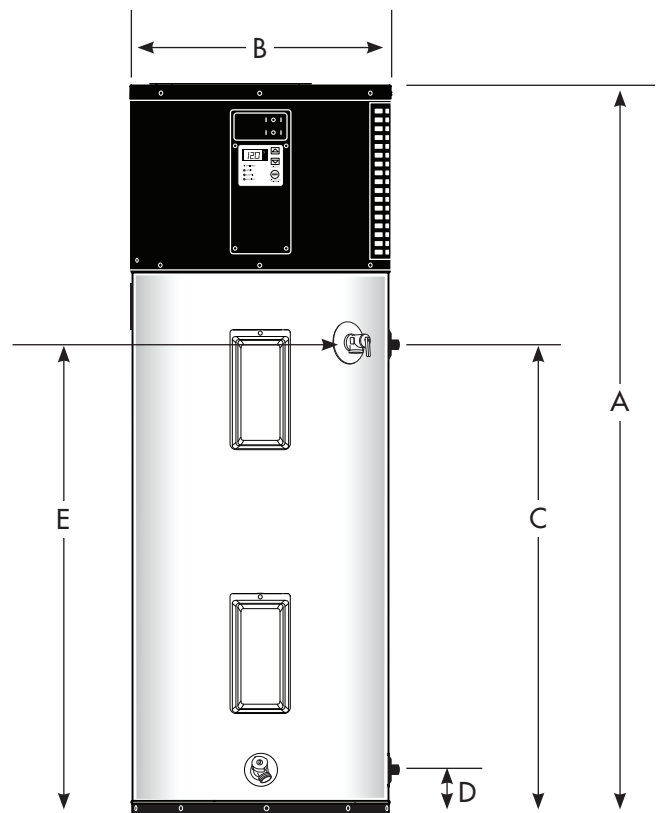
MODEL	GALLON CAPACITY	ENERGY FACTOR BY MODE			1st HOUR RATING (GAL.) BY MODE			HEIGHT (A)	DIAMETER (B)	HEIGHT TO WATER OUTLET (C)	HEIGHT TO WATER INLET (D)	HEIGHT TO T&P (E)	APPROX. SHIPPING WEIGHT
		EFFICIENCY	HYBRID	ELECTRIC	EFFICIENCY	HYBRID	ELECTRIC						
10 50 DHPST	50	2.78	2.75	0.89	42.1	67.5	59.1	63"	22"	40 ⁵ / ₈ "	3 ³ / ₄ "	40 ¹ / ₂ "	196 lbs.

OTHER FEATURES:

- SmartPort ready for connectivity to home management and utility Smart Grid applications
- Heavy duty anode to protect against tank corrosion
- 2-inch environmentally-friendly non-CFC foam insulation to conserve energy
- Durable, tamper-resistant brass drain valve
- CSA certified and ASME rated temperature & pressure relief valve for safety

OPERATING REQUIREMENTS:

- Requires provision for condensate draining; if a suitable drain is not available, a condensate pump is required
- 240 VAC single phase 30 amp power supply



RELIANCE® WATER HEATERS • 500 Tennessee Waltz Pkwy • Ashland City, TN 37015 • 1-800-365-4054
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