

HYBRID ELECTRIC HEAT PUMP WATER HEATERS FROM U.S. CRAFTMASTER®

U.S. Craftmaster® Hybrid Electric Heat Pump Water Heaters are the most cost effective, energy-efficient water heaters to help save money on your utility bills. They work by absorbing heat from the ambient air and transferring that heat to the water inside the tank.

The Hybrid Electric Heat Pump can reduce water heating costs up to 66% and provide payback in 2-3 years. Plus it qualifies for many state and local utility rebates. With annual savings of \$419 or more, saving money is a breeze.



HYBRID ELECTRIC HEAT PUMP WATER HEATERS

Available in 50-, 66-, and 80-Gallons



Order Entry and Sales

500 Princeton Road (FEDEX, UPS)
Johnson City, TN 37601-2030
P.O. Box 4808 (Mailing)
Johnson City, TN 37602-4808
(800) 937-1037
FAX (800) 581-7224



Warranty and Service

500 Princeton Road (FEDEX, UPS)
Johnson City, TN 37601-2030
P.O. Box 1597 (Mailing)
Johnson City, TN 37605-1597
(800) 999-9515
FAX (800) 999-5210

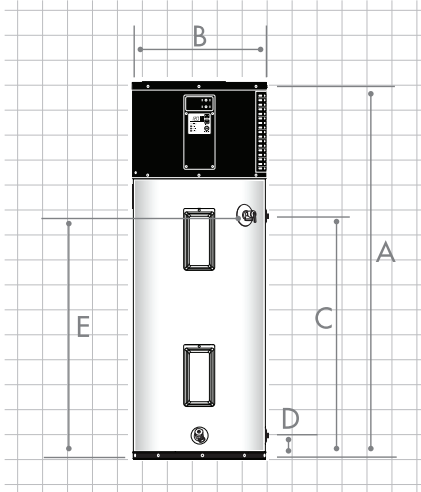
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UHPBRO1214



HYBRID ELECTRIC HEAT PUMP WATER HEATERS IN 50-, 66-, and 80-GALLON CAPACITIES

- 10-Year Limited Tank and Parts Warranty
- ENERGY STAR® qualified for many state and local utility rebates
- Energy Factor (EF) ratings, in Hybrid mode, 2.75 for 50-gallon, 2.74 for 66-gallon and 2.72 for 80-gallon
- Annual operating cost as low as \$192, yielding up to \$419 annual saving cost compared to a conventional electric model*



- Super quiet operation – 51 dBA versus competitive models
- SmartPort ready for connectivity to home management and utility Smart Grid applications
- 91-gallon First Hour Delivery meets Uniform Plumbing Code requirements for 6 bedroom/3.5 bath homes*
- Multiple operating modes allow maximum efficiency and performance
- Long-lasting upper and lower backup heating elements
- Heavy-duty anode protects against tank corrosion
- 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

*80-Gallon model in Hybrid Mode

MODEL	GALLON CAP.	ENERGY FACTOR BY MODE			1st HOUR RATING (GAL.) BY MODE			HEIGHT (A)	DIA. (B)	HEIGHT TO WATER OUTLET (C)	HEIGHT TO WATER INLET (D)	HEIGHT TO T&P (E)	APPROX. SHIPPING WEIGHT
		EFF.	HYBRID	ELECTRIC	EFF.	HYBRID	ELECTRIC						
HPSE2K50HD045VU	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.
HPSE2K66HD045VU	66	2.71	2.74	0.91	59.7	81	79	61"	27"	38"	4"	38"	285 lbs.
HPSE2K80HD045VU	80	2.71	2.72	0.92	76.3	91	88	69"	27"	46"	4"	46"	302 lbs.

Dimensions and products subject to change without notice in accordance with our policy of continued product improvement.

ELECTRONIC USER INTERFACE

- User friendly, easy to read eye-level display
- Easy 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 the heat pump

HYBRID MODE

- Utilizes the heat pump and heating elements to optimize efficiency and performance without sacrificing hot water delivery

ELECTRIC MODE

- Standard electric water heater operation

VACATION MODE

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

