

HYBRID ELECTRIC HEAT PUMP WATER HEATERS

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 73% and provide payback in 2-3 years. Plus it qualifies for many state and local utility rebates. With annual savings of \$305 or more, saving money is a breeze.



HYBRID ELECTRIC HEAT PUMP WATER HEATERS



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

WWW.USCRAFTMASTER.COM



U.S. Craftmaster Water Heaters reserves the right to make product changes or improvements without prior notice.

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UHPBRO0119

- 10-Year Limited Tank and Parts Warranty
- ENERGY STAR® qualified for many state and local utility rebates
- Uniform Energy Factor (EF) ratings of 3.45
- Estimated Yearly Energy Cost as low as \$113
- Annual savings of \$305 or more compared to a conventional electric model*
- Super quiet operation – 51 dBA versus competitive models
- 86-gallon First Hour Delivery meets Uniform Plumbing Code requirements for 6 bedroom/3.5 bath homes**
- Multiple operating modes allow the homeowner to optimize performance for efficiency and hot water delivery
- Accessory duct kit allows installation in confined spaces, may improve performance, and maintain comfort in occupied spaces of the home
- 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
- Rated for 208 and 240 Volt power supply



*HPHE2K50HD045VUN compared to similarly performing conventional electric
 **HPHE2K80HD045VUN in Hybrid Mode

EASY-TO-USE ELECTRONIC 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 for the most energy efficient operation*

HYBRID MODE

- Utilizes compressor as primary heat source, during periods of high demand heating elements will also be energized to provide supplementary heating*

ELECTRIC MODE

- Standard electric water heater operation - utilizes heating elements for all water heating

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

*Automatically reverts to heating element only operation if entering air temperature is above 120°F, below 45°F or tank water temperature is below 60°F.



Product Type	Model Number	Nominal Capacity Gallons	Rated Storage Volume Gallons	First Hour Delivery (Gallons)	Element Wattage (Standard)	Recovery 90° Rise - (Gallons per Hour)	Uniform Energy Factor	Diameter (inches)	Height to top of tank (inches)	Est. Yearly Energy Cost
Hybrid Electric Heat Pump, 10-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor†										
Tall	HPHE2K80HD045VUN	80	82	86	4500/4500	21	3.45	26 1/2	69	\$173
Tall	HPHE2K66HD045VUN	66	67	79	4500/4500	21	3.45	26 1/2	61	\$173
Tall	HPHE2K50HD045VUN	50	46	66	4500/4500	21	3.45	22	63	\$113



†For complete information consult written warranty.

Uniform Energy Factor and First Hour ratings shown for Hybrid Electric Heat Pump units are based on operation in the Hybrid mode. Recovery Ratings shown for Hybrid Electric Heat Pump units are based on back up heating element performance. Hybrid Electric Heat Pump units are rated for both 208 VAC and 240 VAC single phase power supply.

U.S. Craftmaster® Water Heaters reserves the right to make product changes or improvements without prior notice. Dimensions in all charts shown in inches. Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement. Some models may not be available in all markets.