PREMIER® HYBRID

50 – 80 GALLON ELECTRIC HEAT PUMP WATER HEATER

The Premier® Hybrid Electric heat pump water heater from State Water Heaters is the most cost effective energy-efficient option available for consumers who want to save money on their utility bills. The Premier® Hybrid Electric heat pump can reduce water heating costs up to 71% and provide payback in 2-3 years. With annual savings of $437 or more, there is no better way to go green than Premier®.

HOW DO THEY WORK?

- Absorb ambient heat from the surrounding air to heat water using a compressor and "Environmentally-Friendly" R134a refrigerant.
  - Self-contained heat pump unit is integrated into the top of the tank.
  - Multiple operating modes to maximize efficiency and performance.

QUALIFIES FOR MANY STATE AND LOCAL UTILITY REBATES - CHECK WWW.DSIREUSA.ORG

INCREASED ENERGY EFFICIENCY

- Improved efficiency designed in, to ensure available hot water at the lowest possible cost. Up to a 3.24 Energy Factor (EF) Rating conserves energy and meets ENERGY STAR® qualifications.

CHOICE OF OPERATING MODES

- Select from Efficiency, Hybrid, or Electric modes to match heating requirements to environmental conditions.
- Hybrid mode automatically adjusts between compressor and element, depending upon heat requirements.
- Vacation mode reduces operating costs and provides freeze protection during extended absence.

BACKUP ELECTRIC ELEMENTS

- Long-lasting backup heating elements help heat water according to environmental conditions, demand, and the chosen operating mode.

COREGARD™ ANODE ROD

- Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods.
- 66 and 80 gallon models have dual anodes for added protection.

DRY FIRE PROTECTION

- Control system checks to ensure the tank is full of water during start up to prevent dry firing the heating elements.

ELECTRONIC USER INTERFACE

- User-friendly electronic interface allows easy control of temperature setting, operating mode, and communicates diagnostics.
- Easy to read temperature display (see back) shows temperature in °F or °C.
- Advanced diagnostics convey error messages for service purposes. The last four error messages are saved in the control system memory.

OTHER FEATURES

- Ideal for basements or garage installations; the compressor transfers heat to the water while dehumidifying and cooling the ambient air.
- Washable air filter is easily removed for routine cleaning.

TEN YEAR LIMITED WARRANTY

- For complete information, consult written warranty or go to statewaterheaters.com



Low Lead Content

ENERGY STAR

AHRI CERTIFIED® www.ahridirectory.org

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Residential Electric
Water Heaters

Model Number	Gallon Capacity	Energy Factor by Mode			1st Hour Rating (Gal) By Mode			Dimensions in Inches					Approx. Shipping Weight (lbs)	Warranty Term
		Efficiency	Hybrid	Electric	Efficiency	Hybrid	Electric	A	B	C	D	E		
HPX 50 DHPT	50	3.61	3.24	0.93	44.4	70	57.3	63	22	40-5/8	3-3/4	40-1/2	196	10
HPX 66 DHPT	66	3.44	3.17	0.92	62.5	80	78.6	61	27	38	4	38	289	10
HPX 80 DHPT	80	3.27	3.06	0.92	76.3	95	90.1	69	27	46	4	46	307	10

Requires 30 amp breaker.
Top T&P option not available on these models.



ELECTRONIC USER INTERFACE

- User friendly, easy to read display.
- LEDs clearly indicate the current operating mode.
- Easily select operating mode:
  - Efficiency
  - Hybrid
  - Electric
  - Vacation
- Display communicates current status, mode and set point, and displays error messages when applicable.
- Vacation mode programmable up to 99 days.

EFFICIENCY MODE

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

HYBRID MODE

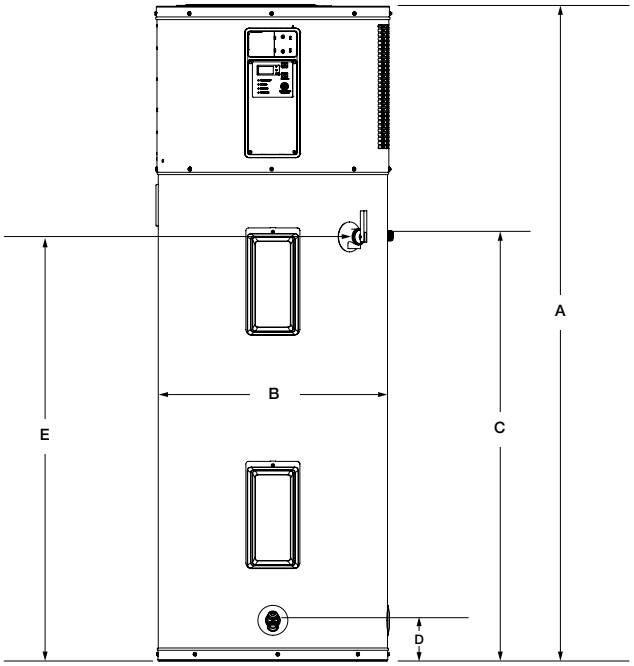
- Utilizes the heat pump or heating element, depending on demand.

ELECTRIC MODE

- Standard electric water heater operation.

VACATION MODE

- One touch operation maintains tank temperature of 60°F (15.6°C) during vacation or extended absence to reduce operating costs and provide freeze protection.
- Programmable up to 99 days.



OTHER FEATURES:

- Sacrificial anode to protect against tank corrosion.
- Environmentally-friendly non-CFC foam insulation.
- Durable, enhanced-flow brass drain valve.
- CSA certified and ASME rated temperature & pressure relief valve.

OPERATING REQUIREMENTS:

- Requires provision for condensate draining; if a suitable drain is not available, a condensate pump is required.
- 208/240 VAC 60Hz single phase 30 amp power supply.