

PREMIER® HYBRID ELECTRIC HEAT PUMP WATER HEATER



SPX 50 DHPT



The Premier® Hybrid Electric heat pump water heater from State is the most cost effective energy-efficient option available for consumers who want to save money on their utility bills. The Premier can reduce water heating costs up to 66% and provide payback in 2-3 years. With annual savings of \$350 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

FEATURES

Increased Energy Efficiency

- Improved efficiency designed in, to ensure available hot water at the lowest possible cost
- Up to a 2.75 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

Protective Anode

- Protects the tank from the corrosive effects of hot water, to ensure long tank life

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 contact State Customer Care Center

For more information on Heat Pumps, contact:

State Water Heaters
500 Tennessee Waltz Parkway
Ashland City, TN 37015
800-365-0024 Toll-free USA
www.statewaterheaters.com

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PREMIER® HYBRID ELECTRIC HEAT PUMP WATER HEATER



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

- Maintains tank temperature of 60°F (15.6°C) during vacation or extended absence to reduce operating costs and provide freeze protection

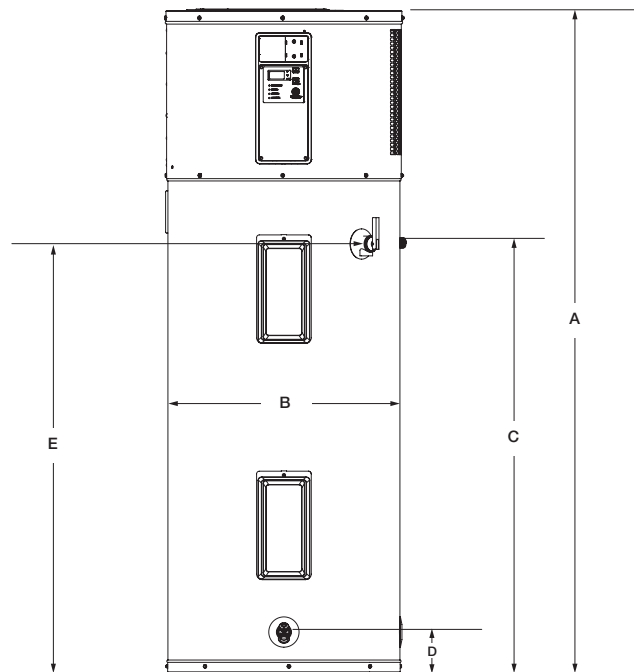
MODEL NUMBER	GALLON CAPACITY	ENERGY FACTOR BY MODE			1ST HOUR RATING (GAL) BY MODE			HEIGHT (INCHES) A	DIAMETER (INCHES) B	HEIGHT TO WATER OUTLET (INCHES) C	HEIGHT TO WATER INLET (INCHES) D	HEIGHT TO T&P (INCHES) E	APPROX. SHIPPING WEIGHT (LBS)
		EFFICIENCY	HYBRID	ELECTRIC	EFFICIENCY	HYBRID	ELECTRIC						
SPX 50 DHPT	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

OTHER FEATURES:

- Sacrificial anode to protect against tank corrosion
- 2 Inch environmentally-friendly non-CFC foam insulation
- Durable, tamper-resistant 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
- 240 VAC single phase 30 amp power supply



For complete information on limited warranties, consult written warranty or contact the State Customer Care Center at 1-800-365-0024.

State Industries, Inc., reserves the right to make product changes or improvements without prior notice.

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