

PREMIER® HYBRID ELECTRIC HEAT PUMP

WATER HEATERS



**EPX-80DHPT
Model Shown**



Premier Hybrid Electric heat pump water heaters from State are the most versatile, energy-efficient option for the consumer who is looking to go green and save some green. Premier can provide the same amount of hot water as a conventional electric water heater at less than half the operating cost.

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 maximize efficiency and meet increasing hot water needs

Eligible for Federal Tax Credit - visit

www.statewaterheaters.com
for more information

FEATURES

Increased Storage

- High capacity storage tank enables the heat pump to operate more frequently than the heating elements. This provides higher energy efficiency and lower operating costs, saving money for the home-owner
- High capacity storage tank provides more hot water for peak demand periods

Backup Electric Elements

- Long-lasting incoloy heating elements, 240V/2000W lower and 240V/4500W upper, helps heat water when in conventional Electric or Hybrid modes

Dry Fire Protection

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

Energy - Efficiency

- Up to a 2.4 Energy Factor (EF) rating conserves energy
- ENERGY STAR® qualified

Dehumidification

- 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

Electronic User Interface

- User-friendly LCD Touch Pad with plain English text and intuitive status icons provides easy interaction
- Large LCD temperature display (see back) shows temperature in °F or °C
- 3 line 13 character backlit LCD display communicates current set point, status and operational information
- Advanced diagnostics convey error messages in plain English. The last four error messages are saved in the control system memory.
- Child resistant safety lock deters unwanted access to temperature settings

Choice of Operating Modes

- Select from Efficiency, Hybrid, or conventional 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.

Powered Anode

- A non-sacrificial powered anode protects the tank from corrosion and eliminates the service requirements of conventional anode rods.

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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ELECTRONIC USER INTERFACE

- Large LCD touch pad display
- Safety lock
- Intuitive icons clearly indicate the current operation mode
- Three-line display communicates current status and displays error messages in plain English when applicable
- Individual backlit buttons for mode selection:
 - Efficiency
 - Hybrid
 - Electric
 - Vacation

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 upper element for water heating, 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

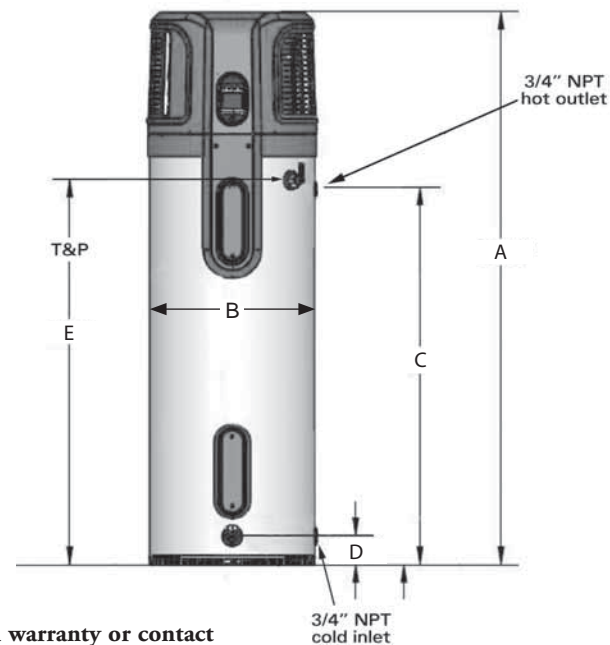
MODEL	GALLON CAPACITY	ENERGY FACTOR BY MODE			1ST HOUR RATING BY MODE			HEIGHT (Inches)	DIAMETER (Inches)	HEIGHT TO WATER OUTLET (Inches)	HEIGHT TO DRAIN VALVE (Inches)	HEIGHT TO T&P (Inches)	Approximate Shipping Weight (LBS)
		EFFICIENCY	HYBRID	ELECTRIC	EFFICIENCY	HYBRID	ELECTRIC	A	B	C	D	E	
EPX-60DHPT	60	2.40	2.33	0.88	51	68	66	67-1/3	24-1/2	41	4-1/4	40	365
EPX-80DHPT	80	2.30	2.33	0.85	70	84	76	81-1/2	24-1/2	55	4-1/4	56-1/3	410

OTHER FEATURES:

- CSA certified and ASME rated T&P relief valve
- Child resistant brass drain valve
- Powered anode to protect against tank corrosion (Max 50 mA draw)
- 2 Inch “Environmentally-Friendly” Non-CFC foam insulation reduces standby heat loss
- Provisions must be made for condensate draining
- Coefficient of performance (COP) 3.1
- Water temperature set point range; 95°F to 150°F (35°C to 66°C).

OPERATING REQUIREMENTS:

- Requires provision for condensate draining; if a suitable drain is not available a condensate pump is required
- Recommended minimum 750 cubic feet of space for air circulation/heat exchange
- 240 VAC single phase power supply with 25 amp circuit breaker



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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