HYBRID ELECTRIC HEAT PUMP

The Hybrid Electric heat pump water heater from American is the most cost effective energy-efficient option available for consumers who want to save money on their utility bills. The Hybrid Electric heat pump can reduce water heating costs up to 73% and provide payback in 2-3 years. With annual savings of $305 or more, there is no better way to go green.

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 3.52 Uniform Energy Factor (UEF) 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 modes.

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

OPTIONAL AIR DUCT ADAPTER KIT
• Permits installation in confined spaces

COREGARD™ ANODE ROD
• Our anode rod has 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.

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.

SIX YEAR LIMITED WARRANTY
• For complete information, consult written warranty or go to americanwaterheater.com.
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

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

For technical information call (800) 999-9515. American Water Heaters reserves the right to make product changes or improvements without prior notice.