





# CHOOSE FROM THREE OPERATIONAL MODES & A CONVENIENT VACATION SETTING

Choose the right efficiency setting based on climate, demand and installation.

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**HEAT PUMP MODE** – The high efficiency setting utilizes only the heat pump to extract heat from the surrounding air and transfers it to the water.
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**ELECTRIC MODE** – In electric mode, the unit operates as a conventional electric water heater utilizing the elements only.
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**HYBRID MODE** – Prioritizes high efficiency heat pump operation, but can supplement with conventional electric elements when hot water demand is at its peak for faster heating.
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**VACATION SETTING** – One touch operation maintains tank temperatures of 60°F (15.6°C) during extended absences to reduce operating costs and provide freeze protection. Vacation setting on HPS models are programmable up to 99 days.

## ADVANCED CONTROLS AND REMOTE MONITORING



USER INTERFACE

- The controls are easy for homeowners to use. It is customized to meet their unique needs with 3 operating modes and a convenient programmable vacation setting. It also includes diagnostic reporting through the eye-level user interface panel.
- iCOMM™ SMART CONNECTIVITY**
- Monitor and control your water heater through the free iCOMM app
  - Connect through a local Wi-Fi network or directly to the water heater through Bluetooth
  - If applicable download the Time of Use schedule of your local electric utility to prioritize heating when the rates are most affordable
  - Receive alerts and notifications

## AT A GLANCE:

- Reduces energy bills by an estimated 75%\*
- Whisper-quiet operation at 45 dBA
- Versatile top and side connections
- Integrated leak detection and compatible with automatic shut-off valve
- Eligible for local rebates and tax incentive programs which provide cash-back to consumers. Visit [americanwaterheater.com/service-support/water-heater-rebates](http://americanwaterheater.com/service-support/water-heater-rebates) for more information
- ENERGY STAR® Qualified

\*Comparing 80-gallon Heat Pump AL heat pump against pre-2015 similarly-sized standard electric using DOE EF to UEF conversion rates and \$0.14 per kWh electricity cost. Savings may vary.

Model Number	Nominal Capacity	Rated Storage Volume	UEF	First Hour Rating (gallons)	Approx Shipping Weight (lbs)
HPS10250H045DV	50	46	3.80	65	196
HPS10266H045DV	66	67	3.70	82	284
HPS10280H045DV	80	82	3.88	95	302

Model Number	Dimensions in Inches				Warranty Term
	Height	Diameter	Height to Side Hot Outlet	Height to Side Cold Inlet	
HPS10250H045DV	63	22	40.5	3.75	10
HPS10266H045DV	61.5	26.5	38.25	4	10
HPS10280H045DV	69	26.5	46.5	4	10



[americanwaterheater.com](http://americanwaterheater.com)



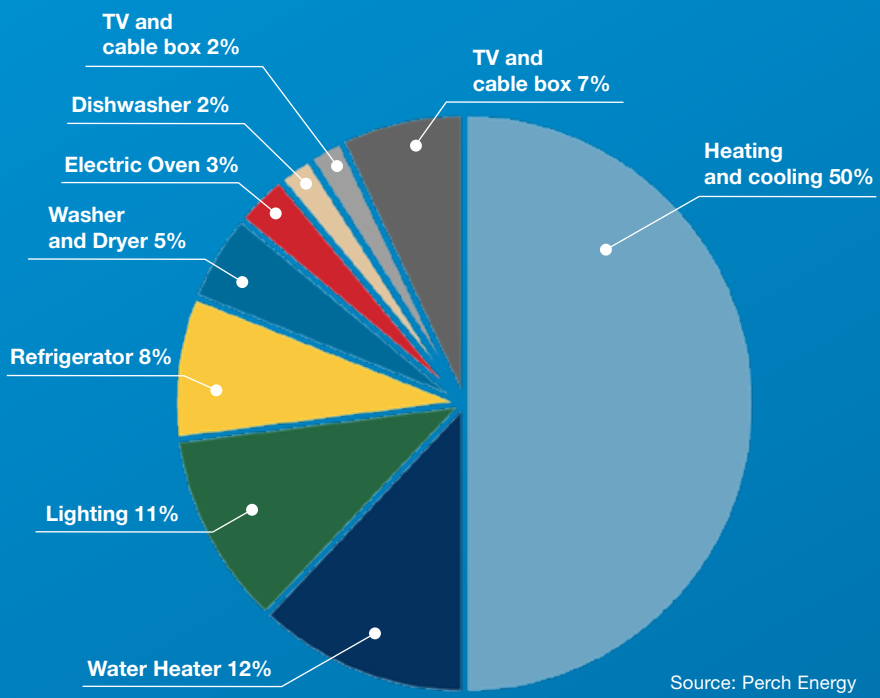
## HEAT PUMP AL

RESIDENTIAL ELECTRIC WATER HEATERS





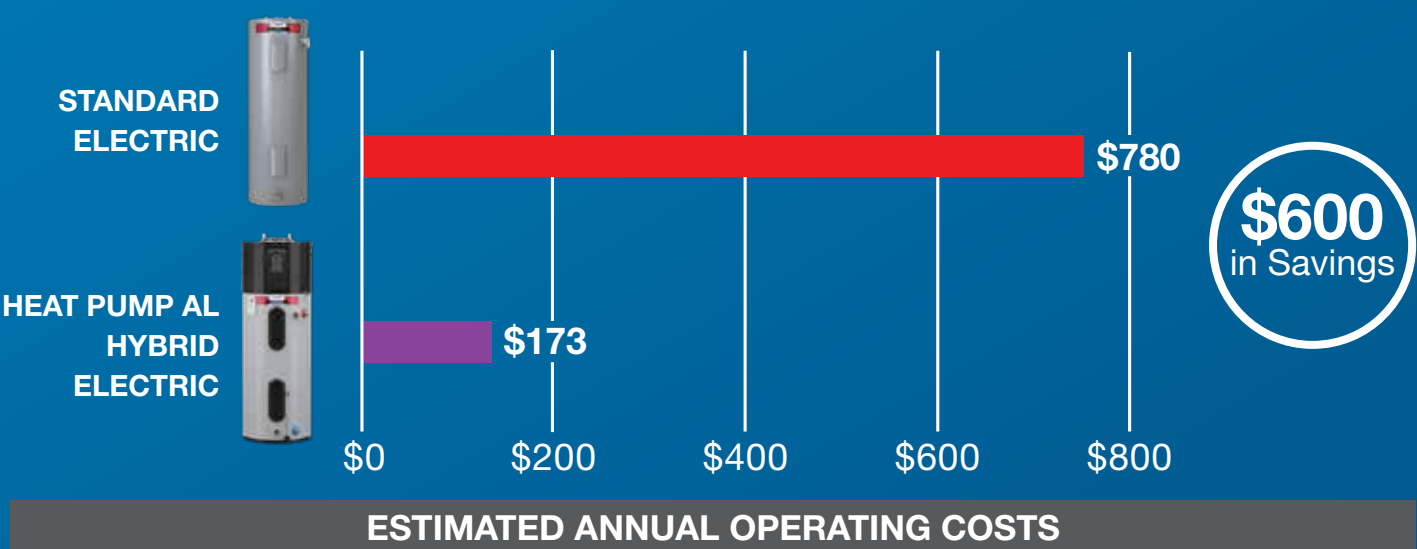
# SAVE MONEY ON COST OF OPERATION



LOW ANNUAL OPERATING COST MEANS MORE THAN **\$600** IN ANNUAL SAVINGS, OR **\$6,000** OVER A 10-YEAR PERIOD, COMPARED TO CONVENTIONAL ELECTRIC WATER HEATER.

# HOW MUCH MONEY CAN YOU SAVE?

Compare the energy costs with the 80-gallon Heat Pump AL.



Comparing 80-gallon Heat Pump AL heat pump against pre-2015 similarly-sized standard electric using DOE EF to UEF conversion rates and \$0.14 per kWh electricity cost. Savings may vary.

Water heaters are a significant consumer of energy in the home--second only to the HVAC system. The great news is that the Heat Pump AL has been designed to dramatically decrease the cost of operation. In fact, the Heat Pump AL can translate into quite significant savings for the homeowner over the course of its lifespan. Just how significant? With up to 3.88 UEF (Uniform Energy Factor) rating (compared to an average .93-.95 UEF rating of a standard electric model), this innovative water heater can cut annual operating costs by up to 75%.

# HOW DOES THE HEAT PUMP AL WORK?



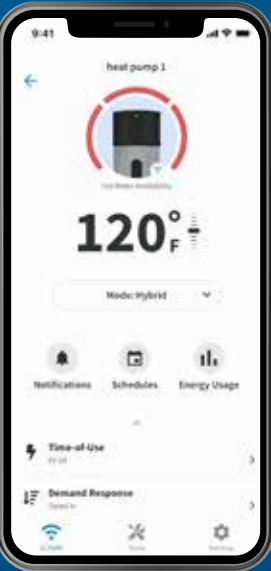
- A fan brings air through the evaporator transferring heat to the refrigerant.
- The refrigerant is pumped through a compressor, which raises the temperature.
- Hot refrigerant is circulated through the coil and transfers heat to the water.
- Backup electric heating elements can supplement the heat pump for faster heating.
- The coil and storage tank are surrounded by "Environmentally-Friendly" Non-CFC foam insulation to reduce standby heat loss.

- Whisper-Quiet Heat Pump Operation at 45 Decibels
- Top and side taps for easy installation
- Integrated leak detection and optional automatic shut-off
- Remote monitoring through iCOMM app

# HEAT PUMP AL HYBRID ELECTRIC WATER HEATERS

American's new Heat Pump AL offers our best ever efficiency plus peace of mind. Our Anti-Leak technology couples leak detection and optional automatic shutoff features with iCOMM™ connectivity to outsmart leaks.

The Heat Pump AL Hybrid Electric Water Heater is an integrated system that utilizes heat pump technology to provide a more efficient way to heat water with electricity. It pulls heat from the surrounding air and deposits the heat into the tank. The end result is very efficient production of hot water, with cooler and dehumidified air as a welcome by-product.



# LARGE CAPACITY ALLOWS USE ACROSS ALL GEOGRAPHIC LOCATIONS

The Heat Pump AL Hybrid Electric Water Heater can be effectively used in all areas of the U.S. Based on the location, either or both of the heating components—heat pump and traditional heating elements—will operate for optimal performance.

