

Multifunction Control Panel

- Weekly Timer
- Five modes
- Engineering mode
- Maintenance reminder
- Self Diagnosis



RESIDENTIAL HYBRID ELECTRIC HEAT PUMP WATER HEATER

What do you get when you combine proven eco-friendly heat pump water heater technology with a traditional, high-efficiency electric backup system?

The answer is Greenlite's ENERGY STAR® rated Electric Heat Pump Hot Water Heater, the best water heater on the market that employs heat pump water heater technology to pull ambient heat in from the surrounding environment to heat your water.

Cost-effective, easy-to-use, WiFi Ready and ENERGY STAR® rated, the Greenlite Electric Heat Pump Hot Water Heater is a smart answer for today's energy questions to transfer heat to the water.





Heat pump water heater can save up to 75% of electricity

EFFICIENCY

ENERGY STAR® rated.
Delivers hot water faster than most standard electric water heaters.
With a uniform energy factor (UEF) up to 3.75 HPWH conserves energy and exceeds other heat pump water heaters.
Ambient operating range: 37-115° F offering more days of HP mode operation annually.

EASY INSTALLATION

Easy access side connections.
Quick access to electrical junction box.
Easily replaces a standard electric water heater.

INTEGRATION

Electronic control for easy temperature adjustment and mode management.
WiFi-ready technology gives users control over water heater, allowing for customizable temperature, vacation settings, energy savings and system monitoring at home or away.
Demand Response Ready with built in CTA 2045 Port

LED ELECTRONIC DISPLAY



5 OPERATION MODES TO MEET YOUR HOT WATER NEEDS AND MAXIMIZE YOUR ENERGY SAVINGS

- HP** **HEAT PUMP MODE** is used to heat the water, making it the most energy-efficient option. It can save you a significant amount of money on your electric bill.
- \$** **ECONOMY MODE** automatically calculates the demand and adjusts the usage accordingly, ensuring that you save money while still maintaining a comfortable water temperature.
- ⚡** **HYBRID MODE** uses both the element and the heat pump to heat the water, which results in faster heating times.
- ☂** **VACATION MODE** protects the pipes and water tank from freezing when you are away from home.
- ⚡** **ELECTRIC HEATING MODE** the element heats the water, for harsh days use, or emergency use.



SPECIFICATIONS

	Model Number	50 Gallon Model Number	80 Gallon Model Number	
Description	Normal Gallon Capacity	50	80	
	Rated Gallon Capacity	46	74	
	Voltage	208/240	208/240	
	Electric Breaker Size	30	30	
Energy Info	Uniform Energy Factor (UEF)	3.75	4.00	
	First Hour Rating (FHR)	68	88	
	Cold Climate Efficiency(CCE)	3	3	
Features	LED Screen	√	√	
	Demand Response with built in CTA 2045 Port	√	√	
	Leak Detection	Optional	Optional	
	Operation Modes	5	5	
	Ambient operating range	37~115F	37~115F	
	TP Valve installed	√	√	
	Element Wattage	Upper	4500W	4500W
		Lower	4500W	4500W
	Total Unit Wattage (input)	4908W	4908W	
	Max Amps	24 Amps	24 Amps	
	Compressor capacity	1593W	1593W	
	Replaceable Filter	√	√	
	Installation Clearance (back)	0"	0"	
	Installation Clearance (side)	5.9"	5.9"	
	Installation Clearance (top)	19.6"	19.6"	
	Dry Fire Protection	√	√	
	Dimensions	Height	66.8"	74.5"
Diameter		17.9"	57.5"	
Height To Condensate Connection		49.6"	57.5"	
Height To Cold Inlet & Drain		5.5"	5.5"	
Height To Hot Outlet And T&P		39.6"	46.6"	
Ship Weight		TBD	TBD	
Ship Length		28.9" x 27.5"	30.3" x 29.1"	
Ship Height		75.1"	83.8"	
Water Connection Size		Inlet	3/4"	3/4"
		Outlet	3/4"	3/4"
Drainage Hose	3/4"	3/4"		
Certifications	UL60335-2-40	√	√	
	UL174	√	√	
	NEEA	Tier 4	Tier 4	
	NSF/ANSI 372	√	√	
	Energy Star	√	√	
	Noise Level	49dba	49dba	