



UNOS SERIES

Hybrid Electrical Heat Pump Water Heaters

Reduce your energy costs with our eco-efficient water heaters.

Harmony of Innovation and Comfort

Experience the pinnacle of efficiency and sustainability the Eco-Logical Unos Series Heat Pump Water Heater. By harnessing heat from the ambient air and transforming it into hot water, the Eco-Logical Unos ensures an increased supply of hot water while maintaining an eco-friendly profile with zero emissions.

With tan Eco-Logical Heat Pump seamlessly integrated into your home, you'll achieve unparalleled efficiency, significantly lower energy consumption, and reduced utility expenses.

Efficiency

- ENERGY STAR® 5.0
- UEF of 3.75/50 GL and 4.0/80 GL
- Meets the highest level of Builder efficiency standards
- CTA 2045 Port installed
- Title 24 Compliant
- Meets the highest level of federal and state rebate requirements
- IRA (45L) tax credit eligible
- NEEA Tier 4
- High Cool Climate Efficiency (CCE)
- JA 13 California compliant
- California Energy Commission (CEC) approved



80 Gallon
Eco-Logical Heat Pump Water Heater
ECO-80HPM-1A



65 Gallon
Eco-Logical Heat Pump Water Heater
ECO-65HPM-1A



50 Gallon
Eco-Logical Heat Pump Water Heater
ECO-50HPM-1A

Performance

- Designed with variable speed fan for whisper quiet operation 49 DBA
- Wide Operating Range as low as 37°F - 109°F
- Designed with a Micro Channel Heat Exchanger Condenser to optimize the heat transfer and enhance energy savings for best in class recovery rate
- 4.5 KW back up elements for extra comfort
- Demand-Response Enabled
 - Saves you money by reducing energy usage during peak demand

Installation and Service

- Zero Clearance
 - Gain back net living space with less install footprint for flexible installation
- Installs effortlessly, just like a standard electric water heater
- Easy serviceability and troubleshooting
- Prepared duct for easy installation in confined areas





Cut costs by minimizing energy consumption during periods of peak demand

www.eco-logical.com

Supplier of Efficiency Products to the Utility Industry for 20 Years.

Learn more about Eco-Logical Heat Pump Water Heaters at eco-logical.com.

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SPECIFICATIONS					
Description			50 Gal.	65 Gal.	80 Gal.
Energy Info	Normal Gallon Capacity		50	65	80
	Rated Gallon Capacity		46	61	74
	Voltage		208/240	208/240	208/240
	Electric Breaker Size		30	30	30
	Uniform Energy Factor (UEF)		3.75	3.90	4.00
	First Hour Rating (FHR)		68	80	88
	Cold Climate Efficiency(CCE)		3	3	3
Features	Refrigerant		R134A	R134A	R134A
	LED Screen		Yes	Yes	Yes
	WiFi-Ready		Yes	Yes	Yes
	Demand Response with built-in CTA-2045 Port		Yes	Yes	Yes
	Leak Detection		Optional	Optional	Optional
	Opration Modes		5	5	5
	Ambient operating range		37-115F	37-115F	37-115F
	TP Valve installed		Yes	Yes	Yes
	Element Wattage	Upper	4500W	4500W	4500W
		Lower	4500W	4500W	4500W
	Total Unit Wattage (input)		4908W	4908W	4908W
	Max Amps		24 Amps	24 Amps	24 Amps
	Compressor capacity		1593W	1593W	1593W
	Replaceable Filter		Yes	Yes	Yes
	Installation Clearnace (back)		0mm	0mm	0mm
	Installation Clearnace (side)		5.9"	5.9"	5.9"
	Installation Clearnace (top)		1' 7.9"	1' 7.9"	1' 7.9"
	Dry Fire Protection		Yes	Yes	Yes
	JA 13 California compliant		Yes	Yes	Yes
	California Energy Commission (CEC) approved		Yes	Yes	Yes
	Recovery In G.P.H. (Gal per Hour) 90 ° F Rise		27.5	27.5	27.5
Certifications	NEEA		Tier 4	Tier 4	Tier 4
	NSF/ANSI 372		Yes	Yes	Yes
	Energy Star		Yes	Yes	Yes
Sound (dba)	NEEA test protocol		49dba	49dba	49dba
DIMENSIONS					
Description			50 Gal.	65 Gal.	80 Gal.
A	Height		5' 5"	5' 5.9"	6' 2.6"
B	Diameter		1' 10"	2' 1.7"	2' 2.7"
C	Height To Condensate Connection		4' 2"	4' 4.5"	4' 9.6"
D	Height To Cold Inlet & Drain		5.6"	5.6"	5.6"
E	Height To Hot Outlet and Temperature and Pressure Valve		3' 3.7"	3' 7"	3' 10.6"
	Ship Weight		265 Lbs	334 Lbs	355 Lbs
	Ship Length		2' 5"-2' 6"	2' 6.1"-2' 4.9"	2' 5"-2' 6"
	Ship Height		5' 10.3"	6' 3.6"	6' 6.1"
	Water Connection Size	Inlet	3/4"	3/4"	3/4"
		Outlet	3/4"	3/4"	3/4"
	Drainage Hose		3/4"	3/4"	3/4"