



Sharing the Warmth™



ECO 18
ECO 24
ECO 27
ECO 36



Tested and certified by the Water Quality Association against NSF/ANSI 372 for lead free compliance.



ecosmart
TANKLESS WATER HEATERS

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Tankless Electric Water Heater

EcoSmart ECO 18 through ECO 36 tankless electric water heaters are designed for larger apartments, condominiums, or townhomes. In warmer climates, these units can provide that same consistent, endless hot water to an entire single-family home. Each of these larger tankless electric water heaters has a digital display showing output temperature and can be adjusted in 1-degree increments. Equipped with EcoSmart self-modulating technology, ECO tankless electric water heaters use energy only when hot water is being delivered. For the consumer this means no more wasting water or energy.

These heaters are stylish, and their advanced design is pleasing to the eye. The digital temperature control in 1-degree increments allows control of hot water which can help reduce water heating costs by 50%. The copper and stainless components are designed for efficiency, durability and easy replacement and the compact size saves valuable storage space

EXAMPLE APPLICATIONS

Description	GPM	Range
Low Flow Faucet	0.5	0.5–0.9
Bathroom Faucet	1	0.5–1.3
Kitchen Faucet	1.5	1.0–2.2
Shower	2	1.5–2.5



endless hot water



save space



save energy

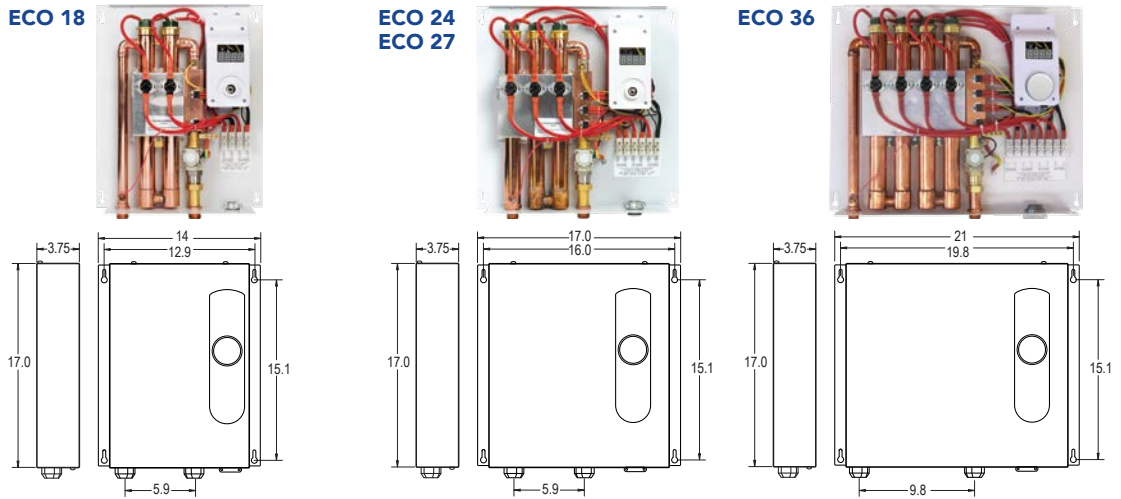


save time



save money

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Product dimensions shown in inches.

SPECIFICATIONS

Model #	ECO 18	ECO 24	ECO 27	ECO 36
kW	18	24	27	36
Voltage	240	240	240	240
Phase	Single	Single	Single	Single
Element	(2) 9kW @ 240V	(3) 8kW @ 240V	(3) 9kW @ 240V	(4) 9kW @ 240V
Required Breaker	(2) 40A DP	(3) 40A DP	(3) 40A DP	(4) 40A DP
Max Power	75A	100A	112.5A	150A
Required Wire	(2) 8 AWG	(3) 8 AWG	(3) 8 AWG	(4) 8 AWG
Water Connections	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT
Dimensions	17" x 14" x 3.75"	17" x 17" x 3.75"	17" x 17" x 3.75"	17" x 21" x 3.75"
Weight	11.25 lb	13.75 lb	13.75 lb	17.4 lb
Digital Temp. Adj.	yes	yes	yes	yes
Heat Exchanger	Copper	Copper	Copper	Copper
Energy Efficiency	99.8%	99.8%	99.8%	99.8%
Certification	ETL Listed to UL-499 and CAN/CSA-C22.2 No. 64			
Warranty	Limited Lifetime			
Operating Pressure	Minimum: 25 PSI Maximum: 150 PSI (Note: Flow Activated at 0.3 GPM)			

TEMPERATURE RISE

The ECO 18, 24, 27, and 36 are EcoSmart tankless electric water heaters capable of heating multiple fixtures simultaneously. These models are equipped with patented, self-modulating technology so that it will only consume the energy necessary for the current demand. Below is a chart showing the flow rate capacity of each model, measured in gallons per minute for various inlet water temperatures and calculated for a set output temperature of 105° F.

FLOW RATE CAPACITY CHART (GPM)

MODEL	37°F	42°F	47°F	52°F	57°F	62°F	67°F	72°F	77°F
ECO 18	1.8	2.0	2.1	2.3	2.6	2.9	3.2	3.7	4.4
ECO 24	2.4	2.6	2.8	3.1	3.4	3.8	4.3	5.0	5.9
ECO 27	2.7	2.9	3.2	3.5	3.8	4.3	4.9	5.6	6.6
ECO 36	3.6	3.9	4.2	4.6	5.1	5.7	6.5	7.5	8.8

Flow rate shown in GPM based on outlet temperature of 105°F. Inlet temperature varies by region and seasonal changes.

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