

Electric Tankless Water Heater

MODEL	KW	VOLTS	BREAKER	REQUIRED WIRE	WATER CONNECTIONS
ECO 36	36	240	(4) 40 A	(4) 8 AWG	3/4" NPT



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

Temperature Rise

The ECO 36 is the most powerful EcoSmart tankless water heaters so it is the perfect fit to heat multiple fixtures simultaneously. In colder areas, with an inlet water temperature around 37°F, the ECO 36 can heat water for two water-saving shower heads and a sink at the same time. In warmer climates, the ECO 36 is capable of heating even more so it can provide hot water to a whole house. This model is equipped with patented, self-modulating technology so that it will only consume the energy necessary for the current demand. The ECO 36 also comes standard with digital temperature control in increments of 1°F. Below is a chart showing the flow rate capacity of each model, measured in gallons per minute, depending on inlet water temperature and a set output temperature of 105° F.

Example Applications

Standard Hand Sink	0.5 GPM
Water-Saver Showerhead	1.5 GPM
Standard Showerhead	2.0 GPM
Kitchen Sink	2.0 GPM
Bath Tub	≥ 4.0 GPM

*Average Gallons Per Minute (GPM)
based on 2010 Plumbing Standards*

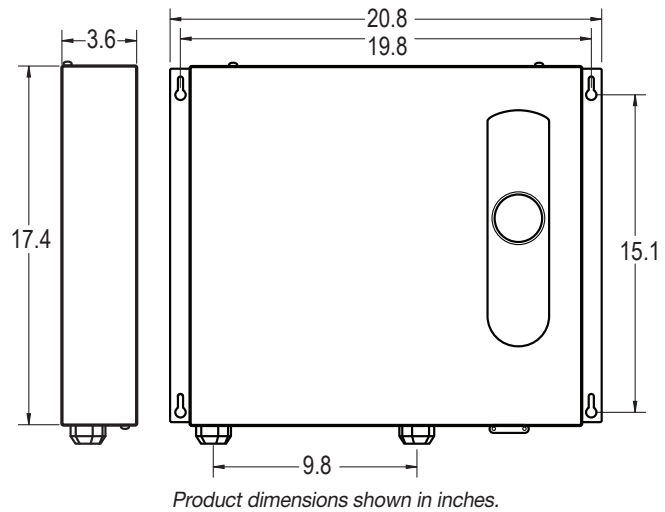
Flow Rate Capacity Chart (GPM)

MODEL	37°F	42°F	47°F	52°F	57°F	62°F	67°F	72°F	77°F
ECO 18	3.62	3.90	4.24	4.64	5.12	5.72	6.47	7.45	8.78

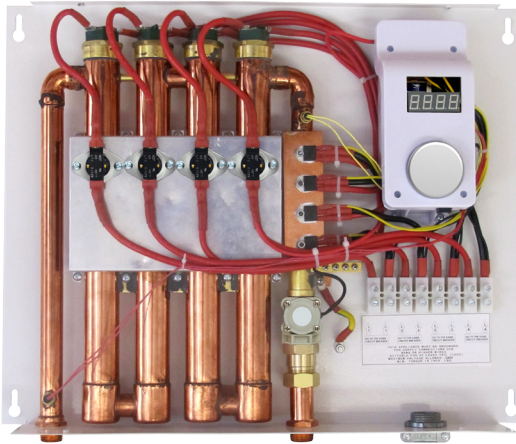
Flow rate shown in GPM based on outlet temperature of 105°F. Inlet temperature varies by region and seasonal changes.

Product Attributes

- On-demand, consistent and endless hot water
- Compact, durable and stylish
- Digital temperature control in increments of 1°F ranging from 80°F to 140°F
- Dimensions: 17" x 21" x 3.75"
- 99.8% energy efficient
- Copper heating elements with brass top increase durability and are threaded for easy replacement
- Simple Installation
- 3/4" NPT water connectors for easy flex hose installation
- Limited lifetime warranty for residential use when registered properly and installed within 30 days of purchase by a licensed professional
- Solid, hand-welded exchanger



Specifications



ECO 36

Uses four (4) 9kW
at 240V elements.

Operating Pressure

Minimum	Maximum
25 PSI	150 PSI

Note: Flow Activated at 0.25 GPM

SPECIFICATION	ECO 36
kW	36
Voltage	240
Phase	Single
Element	(4) 9kW @ 240V
Amperage Draw	150 A
Required Breaker	(4) 40 A
Required Wire	8 AWG
Weight	18.35 lb
Heat Exchanger	Copper
Protection	Thermal Auto
Energy Efficiency	99.8%
Certification	ETL Listed to UL-499 and CAN/CSA-C22.2 No. 64
Warranty	Limited Lifetime

EcoSmart Submittal

Engineer/Architect: _____

Job Name/Customer: _____

Location: _____

Contractor: _____

Representative: _____

HEATER SPECIFICATIONS

Model: ECO _____

Quantity

kW

Voltage

AMPS



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