

## EcoSmart™ POU Tankless Electric Water Heaters

### Provide On-Demand Hot Water at the Source

POU 3.5 and POU 6 are installed at the point-of-use. Ideal for use in a bathroom, office breakroom, wet bar, or an RV. The 120V POU 3.5 kW is suitable for one low flow faucet such as a small sink. The 240V POU 6.5 kW is suitable for one bathroom faucet or up to two low flow faucets running simultaneously. Both models include two optional 0.35 GPM aerators that thread onto the faucet to provide an even and consistent temperature and flow.

### PERFORMANCE FEATURES

- **Saves Space** – Up to 98% smaller than a standard electric water heater
- **Saves Energy** – Zero standby heat loss when installed at the point-of-use
- **High Efficiency** – UEF up to .95 and advanced self-modulating technology only consumes the power needed to satisfy hot water demand
- Durable copper sheathed heating elements are replaceable, easy to maintain and improves service life
- Digital temperature control ranging from 80°F - 140°F (26°C - 60°C)
- Designed to be mounted in an upright position with the inlet and outlet water connections at the bottom of the unit for ease of installation
- Venting is not required to operate, simplifying the installation process compared to a gas tankless water heater
- Includes two optional 0.35 GPM aerators (flow restrictors) for optimal temperature output and performance

### WARRANTY

- 5 Years - Leaks, 1 Year - Parts  
See Use and Care Manual for complete information.



These products meet a stringent set of our company's internally defined sustainability standards

### TANKLESS ELECTRIC SPECIFICATIONS & MINIMUM REQUIREMENTS

Model #	POU 3.5	POU 6
Power (kW)	3.5	6.5
Voltage	120	240
Total Unit Amperage (AMPS)	29	27
Required Number of Dedicated Circuit Breakers	1 x 30 A Single Pole	1 x 30 A Double Pole
Phase	1	1
Uniform Energy Factor (UEF)	0.95	0.94
Required Wire (75°C Insulation)	10 AWG*	10 AWG*
Water Connections	½" NPT	½" NPT
Dimensions	7"H x 11"W x 3"D	7"H x 11"W x 3"D
Weight	4 lbs.	4 lbs.
Heat Exchanger	Stainless Steel	Stainless Steel
Operating Pressure	Minimum: 25 PSI   Maximum: 150 PSI	
Flow Activation Rate (GPM)	0.25 GPM	
Temperature Adjustment	No	No

\*AWG - American Wire Gauge

### POINT-OF-USE



POU 3.5

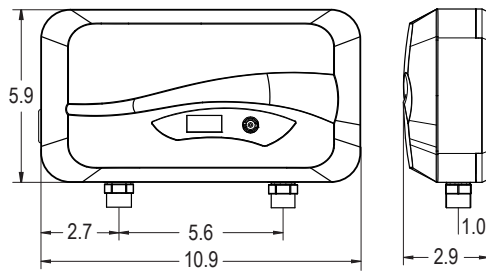


POU 6

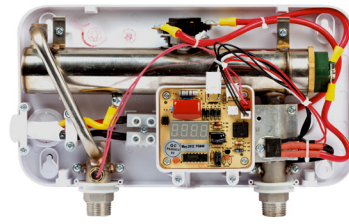


Tested and certified by the Water Quality Association against NSF/ANSI 372 for lead free compliance.

## POU 3.5 & POU 6



Product dimensions shown in inches.



## SIZING A TANKLESS ELECTRIC WATER HEATER

**IMPORTANT** – Verify that your home meets the electrical requirements. See specifications and minimum requirements. (front side)

- 1 Estimate your total household gallons per minute (GPM) needs by adding up the average flow rates by fixture (faucets), including any **that will run at the same time**.

*Ex. 2 low flow faucets running at the same time adds up to 1 GPM (0.5 + 0.5 = 1 GPM)*

### AVERAGE FLOW RATES (GPM) BY FIXTURE

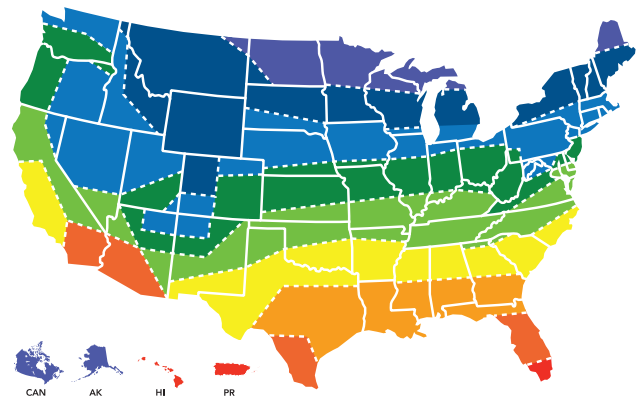
Low Flow Faucet	0.5
Bathroom Faucet	1
Kitchen Faucet	1.5*
Low Flow Shower	1.5*

\*POU 6 is only suitable in zone 9 (S. Florida, Hawaii, and Puerto Rico).

Flow rates may vary.

- 2 Locate your zone on the map.

### U.S. AVERAGE GROUND WATER TEMPERATURE ZONE MAP



- 3 Select the model that can supply the estimated total household gallons her minute (Step 1) with the ground water temperature in your zone.

### FLOW RATE CAPACITY TABLE BY ZONE (GALLONS PER MINUTE - GPM)

Model #	Zone 1 37°F/ 3°C	Zone 2 42°F/ 5°C	Zone 3 47°F/ 8°C	Zone 4 52°F/ 11°C	Zone 5 57°F/ 14°C	Zone 6 62°F/ 17°C	Zone 7 67°F/ 20°C	Zone 8 72°F/ 22°C	Zone 9 77°F/ 28°C
POU 3.5	Not Recommended			0.5	0.6	0.6	0.7	0.9	
POU 6	0.7	0.7	0.8	0.8	0.9	1.0	1.2	1.3	1.6

Flow rates are calculated to a set point of 105°F. Ground water temperature varies seasonally.



**ecosmart**<sup>®</sup>  
TANKLESS WATER HEATERS