

# 36kW ELECTRIC TANKLESS WATER HEATER



Proven Performance



Proven Choice



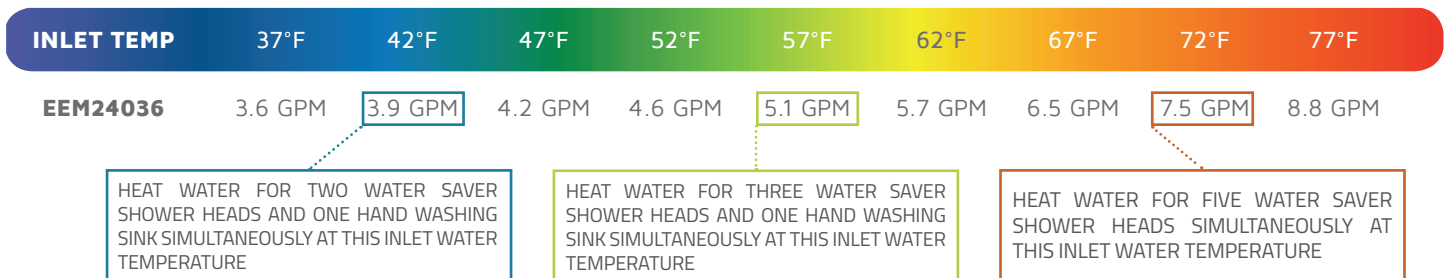
Proven Expert

MODEL	kW	VOLTS	BREAKER	CABLE REQUIRED	CONNECTION
EEM24036	36	240	4x40 AMPS	4x8 AWG	3/4" NPT

## TEMPERATURE RISE

The EEM24036 is the most powerful model from our full line of Electric Tankless Water Heaters, with the capacity to handle a large single-family home with the need to run hot water simultaneously from multiple applications, even in colder climates. The EEM24036 can run four showers and two sinks simultaneously without running out of hot water. Refer to the sizing chart below to see if this model is optimal for your inlet water temperature and hot water demand.

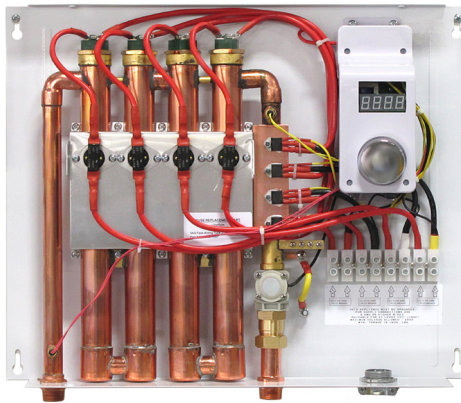
GALLONS PER MINUTE (GPM) BASED ON WATER TEMPERATURE OF 105°F



## PRODUCT ATTRIBUTES

- On-demand, endless hot water
- 99.8% energy efficient
- Compact, durable and stylish
- Copper heating elements with brass top increase durability and are threaded for easy replacement
- Digital temperature control in increments of 1°F
- Simple Installation: 3-ft. electric cable included and 1/2" CF connection with an option 1/2" NPT adaptor.
- Dimensions: 17" x 19" x 3.75"

19"



17"

# 36kW ELECTRIC TANKLESS WATER HEATER

## SPECIFICATIONS EEM24036

<b>VOLTAGE</b>	240
<b>PHASE</b>	Single
<b>kW</b>	36 kW
<b>ELEMENT</b>	(4) 9kW @ 240 V
<b>AMPERAGE DRAW</b>	150 AMPS
<b>REQUIRED BREAKER</b>	4x40 AMP Double Pole
<b>REQUIRED WIRE</b>	4x8 AWG
<b>WEIGHT</b>	17.4 lbs.
<b>HEAT EXCHANGER</b>	Stainless Steel
<b>PROTECTION</b>	Thermal Auto
<b>ENERGY EFFICIENCY</b>	99.8%
<b>CERTIFICATION</b>	ETL Listed to UL 499 and CSA
<b>WARRANTY</b>	1 Year Parts, 5 Year Leaks

Units shall have enameled steel rated cover. Element shall be standard Emerson (or equal manufacturer) copper heating elements with threaded brass top. Unit shall have a replaceable mesh filter in the inlet. Heater shall be fitted with 1/2" plumbing connections for easy flex hose connection to eliminate need for soldering.

**ETL LISTED:**  
**4000856**  
**U.S. PATENT#:**  
**7,945,146**

### OPERATING PRESSURE

**MIN. 25 PSI | MAX. 150 PSI**

NOTE: FLOW ACTIVATED 0.3 GPM

### REPLACEMENT PARTS

NAME	DESCRIPTION
HA-P005	Element, Heating for EEM24036 (9.0kW, 240V)
HA-P022	Flow Sensor Assembly for EEM24036 (FSA QC MEDLRG)
HA-P025	Control Board for EEM24036
HA-P027	Knob for EEM24036 (KNOB MEDLRG)
HA-P032	Repair Kit for EEM24036 (RK MEDLG)
HA-P047	THERMISTOR for EEM24036 Set=1 red 26" & 1 yellow 13" wire for 36kW (THRM QC XLRG)
HA-P038	Terminal Block for EEM24036 (TB XLRG)
HA-P051	Triac, 4th Heating Element for EEM24036
HA-P054	Triac, 1st Heating Element for EEM24036
HA-P056	Triac, 2nd Heating Element for EEM24036
HA-P057	Triac, 3rd Heating Element for EEM24036

### EEMAX SUBMITTAL

Engineer / Architect: \_\_\_\_\_  
 Job Name / Customer: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Contractor: \_\_\_\_\_  
 Representative: \_\_\_\_\_

HEATER SPECIFICATIONS:	QUANTITY	kW	VOLTAGE	AMPS
Model #: _____	_____	_____	_____	_____



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