

36kW ELECTRIC TANKLESS WATER HEATER



Proven Performance



Proven Choice



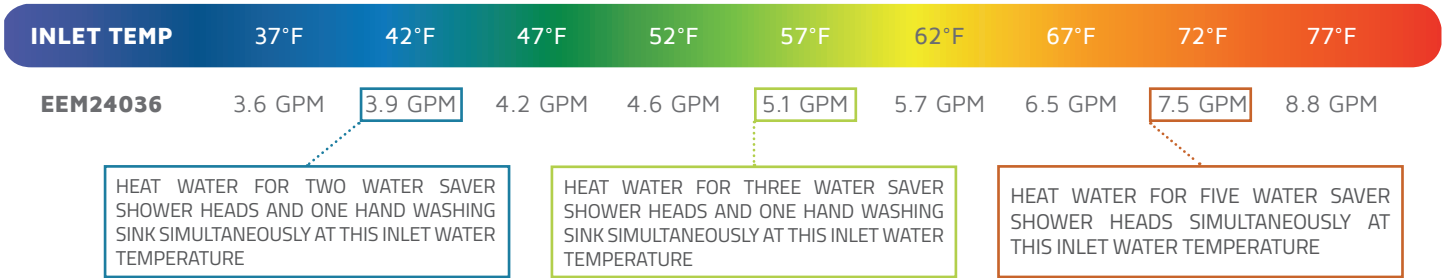
Proven Expert

| 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.

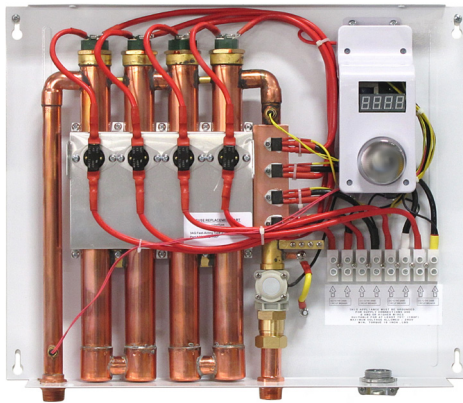
GALLONS PER MINUTE (GPM) BASED ON WATER TEMPERATURE OF 105°F



PRODUCT ATTRIBUTES

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

19"



17"

36kW ELECTRIC TANKLESS WATER HEATER

SPECIFICATIONS EEM24036

| | |
|--------------------------|------------------------------|
| VOLTAGE | 240 |
| PHASE | Single |
| kW | 36 kW |
| ELEMENT | (4) 9kW @ 240 V |
| AMPERAGE DRAW | 150 AMPS |
| REQUIRED BREAKER | 4x40 AMP Double Pole |
| REQUIRED WIRE | 4x8 AWG |
| WEIGHT | 17.4 lbs. |
| HEAT EXCHANGER | Stainless Steel |
| PROTECTION | Thermal Auto |
| ENERGY EFFICIENCY | 99.8% |
| CERTIFICATION | ETL Listed to UL 499 and CSA |
| WARRANTY | 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 |
|----------|---|
| EEM-P005 | Element, Heating for EEM24036 (9.0kW, 240V) |
| EEM-P022 | Flow Sensor Assembly for EEM24036 (FSA QC MEDLRG) |
| EEM-P025 | Control Board for EEM24036 |
| EEM-P027 | Knob for EEM24036 (KNOB MEDLRG) |
| EEM-P032 | Repair Kit for EEM24036 (RK MEDLG) |
| EEM-P047 | THERMISTOR for EEM24036 Set=1 red 26" & 1 yellow 13" wire for 36kW (THRM QC XLRG) |
| EEM-P038 | Terminal Block for EEM24036 (TB XLRG) |
| EEM-P051 | Triac, 4th Heating Element for EEM24036 |
| EEM-P054 | Triac, 1st Heating Element for EEM24036 |
| EEM-P056 | Triac, 2nd Heating Element for EEM24036 |
| EEM-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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