

27kW ELECTRIC TANKLESS WATER HEATER



Proven
Performance



Proven
Choice



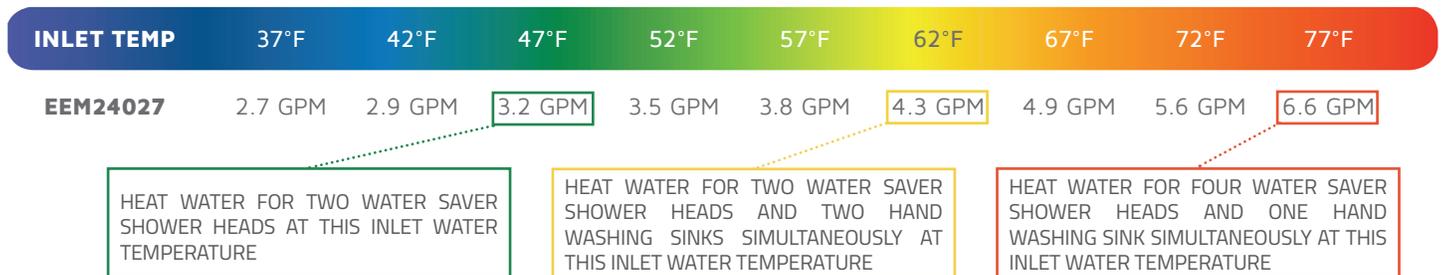
Proven
Expert

MODEL	KW	VOLTS	BREAKER	CABLE REQUIRED	CONNECTION
EEM24027	27	240	3x40 AMPS	3x8 AWG	3/4" NPT

TEMPERATURE RISE

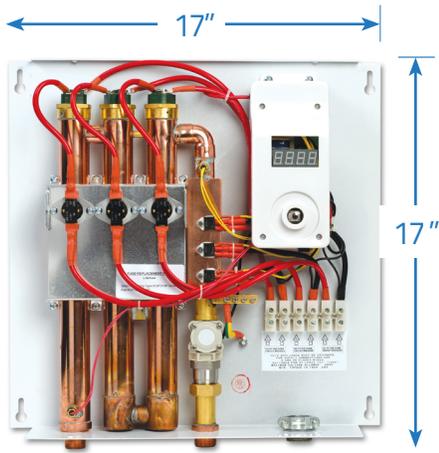
The EEM24027 can produce enough hot water for up to 1 shower and 2 sinks simultaneously in colder climates. In warmer climates it can produce enough hot water for up to 4 showers or sinks simultaneously. Refer to the chart below to see if this model is optimal for your inlet water temperature and hot 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 17" 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.



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SPECIFICATIONS EEM24027

VOLTAGE	240
PHASE	Single
kW	27 kW
ELEMENT	(3) 9kW @ 240 V
AMPERAGE DRAW	112.5 AMPS
REQUIRED BREAKER	3x40 AMP Double Pole
REQUIRED WIRE	3x8 AWG
WEIGHT	13.75 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
HA-P005	Element, Heating for EEM24027 (9.0kW, 240V)
HA-P022	Flow Sensor Assembly for EEM24027 (FSA QC MEDLRG)
HA-P025	Control Board for EEM24027
HA-P027	Knob for EEM24027 (KNOB MEDLRG)
HA-P032	Repair Kit for EEM24027 (RK MEDLG)
HA-P046	THERMISTOR for EEM24027 Set=1 red 21" & 1 yellow wire 13" for 18kW - 27kW (THRM QC MEDLRG)
HA-P012	Triac, 3rd Heating Element for EEM24027 (TRC QC 3HE)
HA-P037	Terminal Block for (TB LRG)
HA-P053	Triac, 1st Heating Element for EEM24027
HA-P055	Triac, 2nd Heating Element for EEM24027

EEMAX SUBMITTAL

Engineer / Architect: _____
 Job Name / Customer: _____
 Location: _____
 Contractor: _____
 Representative: _____

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



400 Captain Neville Drive
 Waterbury, CT 06705
 (855) 993-3693

EEMAXTANKLESS.COM