

HomeAdvantage II™

For Single Point-of-Use or Multiple Applications

Specifications

Tankless Electric Water Heater

Applications

| | |
|---|---------------|
| ▪ Showerheads | 2.0 GPM max* |
| ▪ Low-flow Shower Heads | 1.8 GPM max** |
| ▪ Kitchen Faucets (residential) | 1.8 GPM max* |
| ▪ Lavatory Faucets (residential) | 1.5 GPM max* |
| ▪ Lavatory Faucets (other than residential) | 0.5 GPM max* |

* as per 2021 Uniform Plumbing Code guidelines

** as per 2022 California Green Buildings Standards Code



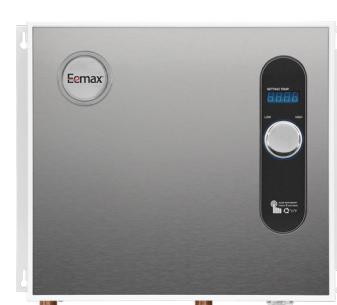
HA008240/HA011240/HA013240



HA018240



HA024240/HA027240



HA036240



NO LEAD*

*The wetted surface of this product contacted by water contains less than 0.25% lead and meets NSF/ANSI 372



LOW LEAD CONTENT

Special Design Service

Inquiries for units for unique applications are welcome.
Call our Technical Service department at **1 800 543 6163**.

Suggested Specification

Tankless water heater shall be an Eemax HomeAdvantage II model number HA_____.

Unit shall have copper clad immersion heating element(s) with brass terminations for increased durability. External temperature control and display adjustable in 1° increments with a range of 80°-140°F. Display shall be capable of displaying setpoint temperature in Celsius or Fahrenheit temperature scales. Unit shall utilize a flow meter with a 0.3 GPM activation point and manage power based on actual flow rate and inlet temperature. Values should be processed 60 times per second. **Unit shall be certified lead free, certified to UL499 and CSA-C22.2 No. 64.**

Eemax Inline Flow Regulator

- See page 15

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| MODEL NUMBER | Kw | TOTAL AMP DRAW | CIRCUITS REQUIRED X BREAKER SIZE | TURN ON (GPM) | RECOMMENDED WIRE SIZE (75° C/CU) | MAX FLOW GPM | TEMPERATURE RISE °F | | | | | | | | |
|--|------|----------------|----------------------------------|---------------|----------------------------------|--------------|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | | | 0.5 GPM | 1.0 GPM | 1.5 GPM | 2.0 GPM | 2.5 GPM | 3.0 GPM | 4.0 GPM | 5.0 GPM | 6.0 GPM |
| VOLTS 240^{††} | | | | | | | | | | | | | | | |
| HA008240 | 8.0 | 33 | (1x40) | 0.3 | 8 AWG | 4.8 | 109° | 55° | 36° | 27° | 22° | 18° | 14° | — | — |
| HA008240 (derated 208V performance) | 6.0 | 29 | (1x40) | 0.3 | 10 AWG | 4.8 | 82° | 41° | 27° | 20° | 16° | 14° | 10° | — | — |
| HA011240 | 11.0 | 46 | (1x50) | 0.3 | 8 AWG | 4.8 | † | 75° | 50° | 38° | 30° | 25° | 19° | — | — |
| HA011240 (derated 208V performance) | 8.3 | 40 | (1x50) | 0.3 | 8 AWG | 4.8 | † | 56° | 38° | 28° | 23° | 19° | 14° | — | — |
| HA013240 | 13.0 | 54 | (1x60) | 0.3 | 6 AWG | 4.8 | † | 89° | 59° | 44° | 36° | 30° | 22° | — | — |
| HA013240 (derated 208V performance) | 9.8 | 47 | (1x60) | 0.3 | 8 AWG | 4.8 | † | 67° | 45° | 34° | 27° | 22° | 17° | — | — |
| HA018240 | 18.0 | 75 | (2x40) | 0.3 | 8 AWG | 7.0 | † | † | 82° | 61° | 49° | 41° | 31° | 25° | 20° |
| HA018240 (derated 208V performance) | 13.5 | 65 | (2x40) | 0.3 | 8 AWG | 7.0 | † | 92° | 62° | 46° | 37° | 31° | 23° | 18° | 15° |
| HA024240 | 24.0 | 100 | (3x40) | 0.3 | 8 AWG | 7.0 | † | † | 109° | 82° | 66° | 55° | 41° | 33° | 27° |
| HA024240 (derated 208V performance) | 18 | 87 | (3x40) | 0.3 | 10 AWG | 7.0 | † | † | 82° | 62° | 49° | 41° | 31° | 25° | 21° |
| HA027240 | 27.0 | 113 | (3x40) | 0.3 | 8 AWG | 7.0 | † | † | † | 92° | 74° | 61° | 46° | 37° | 31° |
| HA027240 (derated 208V performance) | 20.3 | 98 | (3x40) | 0.3 | 8 AWG | 7.0 | † | † | 92° | 69° | 55° | 46° | 35° | 28° | 23° |
| HA036240 | 36.0 | 150 | (4x40) | 0.3 | 8 AWG | 8.0 | † | † | † | † | 98° | 82° | 61° | 49° | 41° |
| HA036240 (derated 208V performance) | 27.0 | 130 | (4x40) | 0.3 | 8 AWG | 8.0 | † | † | † | 92° | 74° | 62° | 46° | 37° | 31° |

Product Specifications (all models)

Dynamic Operating Pressure:

25 PSI min., 150 PSI max.

Certifications:

ETL Listed to UL499 and CSA-C22.2 No. 64

Adj. Temperature Range:

80°F-140°F

Temperature Accuracy:

+/−1° at steady state

* 240V units can be used on 208V single phase with approximately 25% reduced kilowatt output. Please note per UL standards the rating plate and installation instructions will all be according to a 240V applied voltage. Check with local officials prior to derating the electrical infrastructure.

† Temperature electronically limited setting on adjustable thermostat on front cover.

^{††} C indicates evaluation and compliance to either Underwriters Laboratories (UL) or Intertek (ETL) under CAN/CSA-C22.2 No. 64/No. 88.

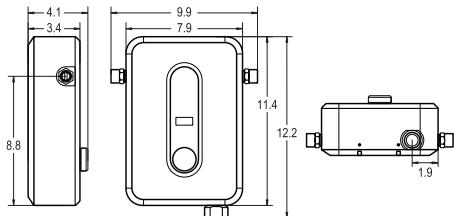
ATTENTION: Under no circumstances can HomeAdvantage II be connected to a 208 V or 240 V three phase load center. Connection to any three phase load center will void all warranty coverage.

HA008240/HA011240/HA013240

Size: 11.5"H 8"W x 3.75"D

Weight: 8 kw: 4.75 lb, 11 kw/13 kw: 7 lb

Unique Features: Welded exchanger, 1/2" compression fittings with 1/2" NPT adapters included

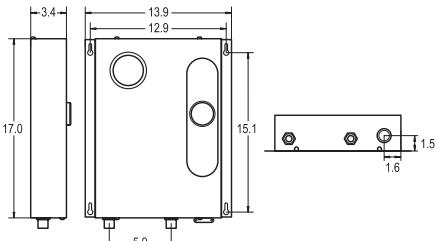


HA018240

Size: 17"H x 14"W x 3.75"D

Weight: 11.25 lb

Unique Features: Brazed exchanger, 3/4" NPT fittings

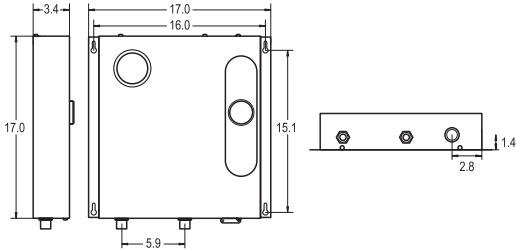


HA024240/HA027240

Size: 17"H x 17"W x 3.75"D

Weight: 13.75 lb

Unique Features: Brazed exchanger, 3/4" NPT fittings

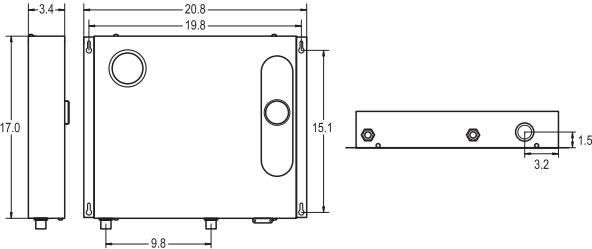


HA036240

Size: 17"H x 21"W x 3.75"D

Weight: 17.4 lb

Unique Features: Brazed exchanger, 3/4" NPT fittings



EX68031-16: Disconnect Switch Applications

Disconnects Required

| | |
|------------------------------|---|
| HA008240, HA011240, HA013240 | 1 |
| HA018240 | 2 |
| HA024240, HA027240 | 3 |
| HA036240 | 4 |