

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

Features

- Instant, consistent and endless hot water
- Compact, resistant and stylish with digital temperature control in increments of 1° ranging from 80°F to 140°F
- Copper immersion heating elements with brass top increase durability and are threaded for easy replacement
- Simple Installation
- Digital temperature display
- External controls to adjust temperature

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



HA008240/HA011240/HA013240



HA018240



HA024240/HA027240



HA036240



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

* 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.

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

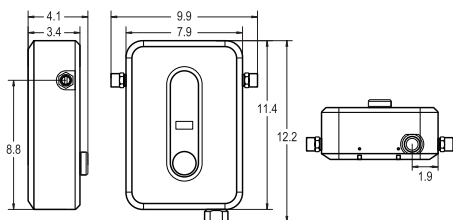
Temperature Accuracy: +/-1° at steady state

HA008240/HA011240/HA013240

Size: 11.5"H x 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

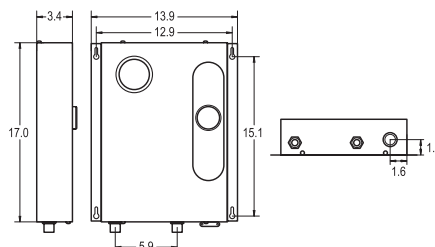


HA018240

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

Weight: 11.25 lb

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

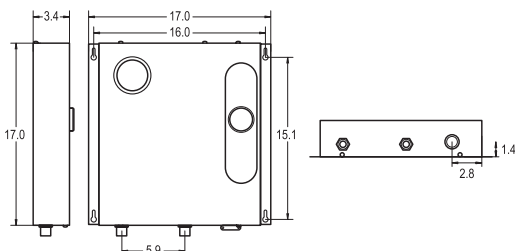


HA024240/HA027240

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

Weight: 13.75 lb

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

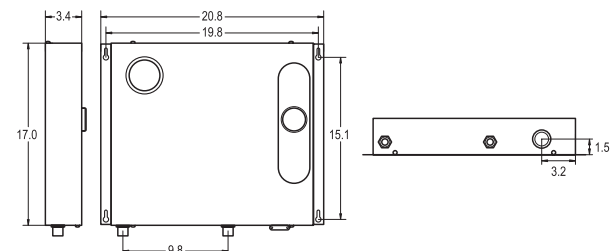


HA036240

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