HomeAdvantage II™
For Single Point-of-Use or Multiple Applications

Specifications
Electric Tankless Water Heater

Applications
- Water-Saver Shower Head 1.5 GPM
- Standard Shower Head 2.0 GPM
- Standard Hand Sink 0.5 GPM
- Kitchen Sink 1 to 2 GPM
- Bath Tub ≥ 4 GPM
- Dishwasher 1 to 2 GPM
- Washing Machine 1 to 1.5 GPM

Average Gallons Per Minute (GPM) based on 2010 Plumbing Standards

Performance 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 increases 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° to 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 WQA certified lead free, certified to UL499 and CSA-C22.2 No. 64.

Eemax Inline Flow Regulator

<table>
<thead>
<tr>
<th>EEMAX PART NUMBER</th>
<th>GPM RATING OF INSERTS PROVIDED</th>
<th>CONNECTION SIZE</th>
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<td>IFR 1-2</td>
<td>1.0, 1.5, 2.0</td>
<td>1/2&quot; NPT</td>
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<tr>
<td>IFR 3-4</td>
<td>2.0, 3.0, 4.0, 5.0</td>
<td>3/4&quot; NPT</td>
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</table>

- Enhanced outlet temperature control
- Install on the outlet side of the heater
- Limit maximum volume to the specified flow rate to ensure exiting temperature is within an acceptable range
- Flow Regulators for ½" and ¾" plumbing connections
- Restriction range: 1.0 to 5.0 gallons per minute

Inlet Water Temperature

| HA008240 | IFR 1-2 | 1.0 | 1.0 | 1.0 | 1.5 |
| HA011240 | IFR 1-2 | 1.0 | 1.0 | 1.5 | 2.0 |
| HA013240 | IFR 1-2 | 1.0 | 1.5 | 2.0 | 2.0 |
| HA018240 | IFR 3-4 | 2.0 | 2.0 | 2.0 | 3.0 |
| HA024240 | IFR 3-4 | 2.0 | 2.0 | 3.0 | 4.0 |
| HA027240 | IFR 3-4 | 2.0 | 3.0 | 4.0 | 5.0 |
| HA036240 | IFR 3-4 | 3.0 | 4.0 | 5.0 | 5.0 |

*Selection based on inlet temperature and an outlet temperature setting of 105°F

Eemax Inline Flow Regulator Suggested Sizing Guide

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# HomeAdvantage II

For Single Point-of-Use or Multiple Applications

## Specifications

**Electric Tankless Water Heater**

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>KW</th>
<th>AMPS</th>
<th>RECOMMENDED WIRE SIZE (75°F/CU)</th>
<th>TURN ON 0.5 GPM</th>
<th>1.0 GPM</th>
<th>1.5 GPM</th>
<th>2.0 GPM</th>
<th>2.5 GPM</th>
<th>3.0 GPM</th>
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<td>8 AWG</td>
<td>0.3</td>
<td>4.8</td>
<td>†</td>
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<td>80°</td>
<td>60°</td>
<td>48°</td>
<td>40°</td>
<td>30°</td>
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</table>

### Dynamic Operating Pressure
- 35 PSI min., 150 PSI max.

### Adj. Temperature Range
- 80°F-140°F

### Temperature Accuracy
- +/– 1°F at steady state flow

### Certifications
- ETL Listed to UL 499 and CSA

### Environmental Specifications
- 

### Electrical Requirements
- 240V units can be used on 208V single phase with 25% reduced temperature 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.

### Color
- *C* indicates evaluation and compliance to either Underwriters Laboratories (UL) or Intertek (ETL) under CAN/CSA-C22.2 No. 64/No. 68.

## Product Specifications (all models)

### Dynamic Operating Pressure
- 35 PSI min., 150 PSI max.

### Adj. Temperature Range
- 80°F-140°F

### Temperature Accuracy
- +/– 1°F at steady state flow

### 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
- Solid, hand-welded exchanger, 1/2" NPT adapters, and 1/2" compression fittings

### HA018240

#### Size
- 17" H x 14" W x 3.75" D

#### Weight
- 11.25 lb

#### Unique Features
- Solid, hand-welded exchanger, 3/4" NPT fittings

### HA024240/HA027240

#### Size
- 17" H x 17" W x 3.75" D

#### Weight
- 13.75 lb

#### Unique Features
- Solid, hand-welded exchanger, 3/4" NPT fittings

### HA036240

#### Size
- 17" H x 21" W x 3.75" D

#### Weight
- 17.4 lb

#### Unique Features
- Solid, hand-welded exchanger, 3/4" NPT fittings

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