

AccuMix II™

Thermostatic Heater Ideal for Sensor or Metering Faucets – UPC 407.3 Compliant

Specifications

Tankless Electric Water Heater

Applications

- Handwashing
- Lavatory sinks
- Kitchen, bar, utility sinks
- Ideal for sensor or metering faucets

Performance Features

- Integrated mixing valve meets ASSE 1070
- Unit meets UPC 407.3 requirements when properly installed
- Self-diagnostics with intelligent controls actively protect heater in installed environment
- SafeStart™ technology engages upon start-up to help avoid dry-fire occurrence
- Low activation with 0.3 GPM turn on flow
- Digital LED display communicates system status and heater operation feedback
- Silent operation on all models except for AM012240T
- Mounts in any orientation for a flexible installation
- Compact size fits almost anywhere; suitable for ADA compliant facilities
- Only one input line, hot or cold, needed for an easy installation
- Designed to deliver hot water to a single pipe faucet or mixing faucets
- Integral 3/8" compression fittings; no soldering or sweat connections required
- No T&P relief valve needed (check local codes); Ready to go, right out-of-the-box
- Save water and time by installing unit at the point-of-use
- Control system activates heater only on demand
- High temperature limit switch enables safe operation
- Active energy management with power modulation allows for thermostatic accuracy
- 5-year limited warranty on leaks, 1-year on parts

Product Specifications

| | |
|-----------------------------------------|---------------------------------------|
| Dimensions: | 14.5" H x 5.25" W x 4" D |
| Weight: | 5.5 lb |
| Cover: | ABS-UL 94 5VA |
| Color: | White |
| Temperature: | Factory set to 105°F |
| Min. Dynamic Operating Pressure: | 35 PSI |
| Max. Dynamic Operating Pressure: | 150 PSI |
| Element: | Replaceable nichrome cartridge insert |
| Fittings: | 3/8" compression fittings |
| UL listed file number: | E86887 |

U.S. Patent Pending Technology

Special Design Service

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



Water Heater in
accordance with
NSF/ANSI 372
MH49688



Note: Mounting location must be located within 2 feet of fixture. Over 2 feet, contact manufacturer.

Suggested Specification

Tankless water heater shall be an Eemax AccuMix II model number AM_____.

Unit shall have ABS-UL 94 5VA rated cover. Unit shall have 0.3 GPM turn on. Unit shall allow mounting in any direction. Uses ASSE 1070 approved integrated mixing valve to conform to UPC 407.3. Element shall be replaceable cartridge insert. Unit shall have replaceable filter in the inlet connector. Element shall be iron free, Nickel Chrome material. Tankless water heater to utilize complex algorithm, actively managing power application to real time system demand. Integrated flow meter, along with inlet and outlet temperature sensors provide data which allows the unit to instantly adapt to variations in input parameters. Heater shall be fitted with 3/8" compression fittings to eliminate need for soldering. Maximum operating pressure of 150 PSI. Diagnostic features to include error/fault display. Hot water storage tanks prohibited. Unit shall be Eemax or approved equal.

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Electric Tankless Water Heater

Warning: The temperature of this heater has been Eemax factory set at 105°F for handwashing applications and must not be adjusted. Tampering with any adjustments will void warranty and may cause a loss of compliance to Uniform Plumbing Code 407.3. For further information please contact our technical support department at **1-800-543-6163**.

| MODEL NUMBER | KW | AMPS | RECOMMENDED WIRE SIZE (75° C/CL) | # OF 0.5 AERATORS SUPPLIED/UNIT | TURN ON (GPM) | TEMPERATURE RISE °F | | | | |
|-----------------------------------------|------|------|----------------------------------|---------------------------------|---------------|---------------------|---------|---------|---------|--|
| | | | | | | 0.3 GPM | 0.5 GPM | 1.0 GPM | 1.5 GPM | |
| VOLTS 120 | | | | | | | | | | |
| C AM004120T | 3.5 | 29 | 10 AWG | 1 | 0.3 | 80° | 48° | 24° | 16° | |
| VOLTS 240* | | | | | | | | | | |
| C AM005240T | 4.8 | 20 | 14 AWG | 1 | 0.3 | † | 66° | 33° | 22° | |
| C AM005240T (derated 208V perf.) | 3.6 | 17 | 14 AWG | 1 | 0.3 | † | 49° | 25° | 16° | |
| C AM007240T | 6.5 | 27 | 10 AWG | 2 | 0.3 | † | † | 44° | 30° | |
| C AM007240T (derated 208V perf.) | 5.0 | 24 | 10 AWG | 2 | 0.3 | † | 68° | 34° | 23° | |
| C AM010240T | 9.5 | 40 | 8 AWG | 3 | 0.3 | † | † | 65° | 43° | |
| C AM010240T (derated 208V perf.) | 7.5 | 36 | 8 AWG | 3 | 0.3 | † | † | 51° | 34° | |
| C AM012240T | 11.5 | 48 | 8 AWG | 4 | 0.3 | † | † | 79° | 52° | |
| C AM012240T (derated 208V perf.) | 8.7 | 42 | 8 AWG | 4 | 0.3 | † | † | 59° | 40° | |
| VOLTS 277 | | | | | | | | | | |
| C AM004277T | 4.1 | 15 | 14 AWG | 1 | 0.3 | † | 56° | 28° | 19° | |
| C AM008277T | 8.0 | 29 | 10 AWG | 2 | 0.3 | † | † | 55° | 36° | |
| C AM010277T | 10.0 | 36 | 8 AWG | 3 | 0.3 | † | † | 68° | 46° | |

* 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 208V to 240V single phase applied voltage. Check with local officials prior to derating the electrical infrastructure.

† Units are factory preset to 105°F.

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

