

electric tankless hot water heater

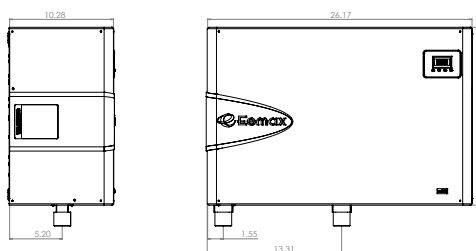
SpecAdvantage for Commercial and Industrial Applications

MODELS

AP032208
AP041208
AP054208
AP064208
AP081208
AP036480
AP048480
AP054480
AP072480
AP108480
AP126480
AP144480 (Coming Soon)
AP216480 (Coming Soon)
AP108600 (Coming Soon)
AP162600 (Coming Soon)
AP216600 (Coming Soon)

APPLICATIONS

- Eye/face wash
- Emergency drench showers
- Where tepid water is needed
- Booster applications for sanitation
- Commercial kitchen



PERFORMANCE FEATURES

- Fine tuned control board with temp/pressure/flow algorithm
- Speed to temperature
- Low hysteresis
- Low pressure drop
- Minimal diagnostics, and temperature overshoot
- Dry fire safety sensor

OPTIONAL FEATURES

- Designed for commercial and industrial applications
- Available with N4, N4X and standard enclosure
- FP freeze protect
- Available in HW, EE EFD, DB, S

PRODUCT SPECIFICATIONS

36-48kw 480v:	Size: 17.42"H x 17.13"W x 10.28"D Weight: 42 lbs.
54-126kw 480v & 32-81kw 208v:	Size: 17.42"H x 26.17"W x 10.28"D Weight: 68 lbs.
144-216kw 480v & 108-216kw 208v:	Size: 17.42"H x 36"W x 10.28"D Weight: 105 lbs.
Rated Pressure:	150psi
Certifications:	UL 499
UL Listing:	UL 499
Unique Features:	Optic Heat Sensing Safety Parabolic Heat Design
Standard Temp Settings:	120°F (Adjustable 80-180°F)
Temp Accuracy:	+/- 1° at Steady State Flow
Max Flow Rate:	Approximately 40gpm

U.S. PATENT PENDING

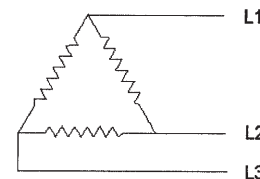
ELECTRICAL CONFIGURATION AND REQUIREMENTS

All Eemax three phase units are custom made to order and as such, are non-returnable and non-refundable. We urge you, therefore, to check your electrical supply, making sure all criteria for operating your Eemax water heater are met.

EEMAX 600v, 480v and 208v Three Phase Units

Delta Configuration
Requires: 3 Lives and 1 Ground (earth)

Three Phase Delta Three-wire



400 Captain Neville Drive, Waterbury, CT 06705
(800) 543-6163 info@eemaxinc.com
eemax.com



* The wetted surface of this product contacted by water contains less than 0.25% lead and meets California and Vermont Lead Free laws.



SPECADVANTAGE MODELS	AVAILABLE FEATURES	VOLTAGE	POWER (kW)	AMPS	RECOMMENDED WIRE SIZE	TURN-ON (GPM)	PHASE	NPT FITTING	TEMPERATURE RISE IN GPM (F)							
									3.0	4.0	6.0	7.5	20.0	23.0	26.0	30.0
AP032208	HW, EE, DB, S	208v/3 ØD	32	89A/phase	3 AWG	1.0	Three	1.25"	73°	55°	36°	29°	11°	10°	8°	7°
AP041208	EFD, DB	208v/3 ØD	41	112A/phase	2 AWG	1.0	Three	1.25"	93°	70°	47°	37°	14°	12°	11°	9°
AP054208	EFD, DB	208v/3 ØD	54	150A/phase	1/0 AWG	1.5	Three	1.25"	123°	92°	61°	49°	18°	16°	14°	12°
AP064208	EFD, DB, S	208v/3 ØD	64	178A/phase	3/0 AWG	1.5	Three	1.25"	146°	109°	73°	58°	22°	19°	17°	15°
AP081208	EFD, DB, S	208v/3 ØD	81	225A/phase	4/0 AWG	2.5	Three	1.25"	147°	138°	92°	74°	28°	24°	21°	18°
AP036480	EE, DB	480v/3 ØD	36	43A/phase	8 AWG	1.0	Three	1.25"	82°	61°	41°	33°	12°	11°	9°	8°
AP048480	EFD, DB	480v/3 ØD	48	57.6A/phase	6 AWG	1.0	Three	1.25"	109°	82°	55°	44°	16°	14°	13°	11°
AP054480	EFD, DB	480v/3 ØD	54	65A/phase	6 AWG	1.5	Three	1.25"	123°	92°	61°	49°	18°	16°	14°	12°
AP072480	EFD, DB	480v/3 ØD	72	87A/phase	3 AWG	2.5	Three	1.25"	147°	123°	82°	66°	25°	21°	19°	16°
AP108480	EFD, DB	480v/3 ØD	108	130A/phase	1 AWG	2.5	Three	1.25"	147°	147°	123°	98°	37°	32°	28°	25°
AP126480	EFD, DB	480v/3 ØD	126	151A/phase	2/0 AWG	2.5	Three	1.25"	147°	147°	143°	115°	43°	37°	33°	29°
AP144480	EFD	480v/3 ØD	144	173A/phase	2/0 AWG	2.5	Three	1.25"	147°	147°	147°	131°	49°	43°	38°	33°
AP216480	EFD	480v/3 ØD	216	260A/phase	300 MCM	2.5	Three	1.25"	147°	147°	147°	147°	74°	64°	57°	49°
AP108600	EFD	600v/3 ØD	108	104A/phase	2 AWG	2.5	Three	1.25"	147°	147°	123°	98°	37°	32°	28°	25°
AP162600	EFD	600v/3 ØD	162	156A/phase	2/0 AWG	2.5	Three	1.25"	147°	147°	147°	147°	55°	48°	43°	37°
AP216600	EFD	600v/3 ØD	216	207A/phase	4/0 AWG	2.5	Three	1.25"	147°	147°	147°	147°	74°	64°	57°	49°

SUGGESTED SPECIFICATION

Tankless Water Heater shall be an Eemax,

MODEL # _____, with _____ kW, _____ vac, and _____ to heat _____ GPM
MODEL # KW RATING VOLTAGE AMPERAGE

@ a temperature rise of _____ degrees F.

Element shall be replaceable cartridge insert. Element shall be iron free, Nickel Chrome material. Heater shall be fitted with 1.25" NPT. Heater shall be installed upright with water connections on bottom. Hot water storage tanks prohibited. Unit shall be Eemax or approved equal. NOTE: Refer to rating chart for product information.

EEMAX SUBMITTAL

Engineer/Architect: _____

Job Name/Customer: _____

Location: _____

Contractor: _____

Representative: _____

HEATER SPECIFICATIONS: _____

Quantity kW Voltage AMPS GPM

Series Twelve Model # _____

SPECIAL DESIGN SERVICE

INQUIRIES FOR UNITS FOR UNIQUE APPLICATIONS ARE WELCOME.
 CALL OUR TECHNICAL SERVICE DEPT. **1-800-543-6163**.

SUFFIX DEFINITION

- TS Advanced Temperature Stability Control.** Vary flow to maintain temp. Coming soon.
- HW Handwashing** – Shipped at max temp of 110°F, shipped with aerators. No turn-on delay, and <.25 gpm turn-on. Must get software update to change. Unit shipped with display "Locked."
- S Shipped** at 180°F with temp range of 100°-190°F max.
- EE Emergency Eyewash.** Shipped and with max temp of 90°F. Must get software update to change temp. Shipped with display "Locked."
- LS Load Shedding** will be an optional feature due to cost of relays – able to use at 24v or at line voltage.
- EFD Emergency Eye, Face & Drench.** Shipped with max temp of 90°F. Must get software update to change temp. Turn-on = 2.5 gpm. Shipped with display "Locked."
- DB Commercial Kitchen Dishwasher Boost heater.** Drop one and all drops produce temp at set-point or above. Temp range = 140°-180°F. Heater maintains temp +100°F of set temp at all times. Turn-on 1.5 gpm.



400 Captain Neville Drive, Waterbury, CT 06705
 (800) 543-6163 info@eemaxinc.com
eemax.com



* The wetted surface of this product contacted by water contains less than 0.25% lead and meets California and Vermont Lead Free laws.

© 2013 Eemax, Inc. All Rights Reserved EX0????-?? Rev. ?