

electric tankless hot water heater

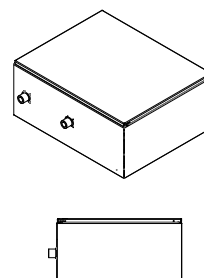
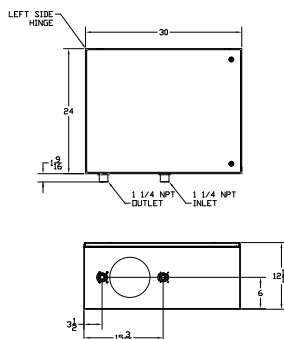
SafeAdvantage for Safety Applications – Eye/Face Wash and Drench Showers



MODELS	
AP032208 EE N4	AP032208 EE N4X
AP041208 EFD N4	AP041208 EFD N4X
AP054208 EFD N4	AP054208 EFD N4X
AP064208 EFD N4	AP064208 EFD N4X
AP081208 EFD N4	AP081208 EFD N4X
AP036480 EE N4	AP036480 EE N4X
AP048480 EFD N4	AP048480 EFD N4X
AP054480 EFD N4	AP054480 EFD N4X
AP072480 EFD N4	AP072480 EFD N4X
AP108480 EFD N4	AP108480 EFD N4X
AP126480 EFD N4	AP126480 EFD N4X
AP144480 EFD N4*	AP144480 EFD N4X*
AP216480 EFD N4*	AP216480 EFD N4X*
AP108600 EFD N4*	AP108600 EFD N4X*
AP162600 EFD N4*	AP162600 EFD N4X*
AP216600 EFD N4*	AP216600 EFD N4X*

APPLICATIONS

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



* Coming Soon

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 safety applications like eye/face wash, drench showers
- Standard with N4 enclosure, available in N4X
- Leak detection
- Available in EE, EFD

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 &	Size: 17.42"H x 36"W x 10.28"D
Rated Pressure:	150psi
Certifications:	UL 499
UL Listing:	UL 499
Unique Features:	Optic Heat Sensing Safety Parabolic Heat Design
Standard Temp Setting:	90°F
Temp Accuracy:	+/- 1° at Steady State Flow
Max Flow Rate:	Approximately 40gpm

U.S. PATENT PENDING

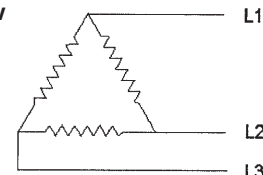
ELECTRICAL CONFIGURATION AND REQUIREMENTS

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



SUFFIX DEFINITION

- EE Emergency Eyewash.** Shipped and with max temp of 90°F. Must get software update to change temp. Shipped with display "Locked."
- 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."
- N Includes NEMA 4 cabinet.** Can only have an N, or N4X but not both.
- N4X Includes NEMA 4X cabinet.** Can only have an N, or N4X but not both.



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.



	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
SAFEADVANTAGE N4 MODELS															
AP032208 EE N4	208v/3 ØD	32	89A/phase	3 AWG	1.0	Three	1.25"	73°	55°	36°	29°	11°	10°	8°	7°
AP041208 EFD N4	208v/3 ØD	41	112A/phase	2 AWG	1.0	Three	1.25"	93°	70°	47°	37°	14°	12°	11°	9°
AP054208 EFD N4	208v/3 ØD	54	150A/phase	1/0 AWG	1.5	Three	1.25"	123°	92°	61°	49°	18°	16°	14°	12°
AP064208 EFD N4	208v/3 ØD	64	178A/phase	3/0 AWG	1.5	Three	1.25"	146°	109°	73°	58°	22°	19°	17°	15°
AP081208 EFD N4	208v/3 ØD	81	225A/phase	4/0 AWG	2.5	Three	1.25"	147°	138°	92°	74°	28°	24°	21°	18°
AP036480 EE N4	480v/3 ØD	36	43A/phase	8 AWG	1.0	Three	1.25"	82°	61°	41°	33°	12°	11°	9°	8°
AP048480 EFD N4	480v/3 ØD	48	57.6A/phase	6 AWG	1.0	Three	1.25"	109°	82°	55°	44°	16°	14°	13°	11°
AP054480 EFD N4	480v/3 ØD	54	65A/phase	6 AWG	1.5	Three	1.25"	123°	92°	61°	49°	18°	16°	14°	12°
AP072480 EFD N4	480v/3 ØD	72	87A/phase	3 AWG	2.5	Three	1.25"	147°	123°	82°	66°	25°	21°	19°	16°
AP108480 EFD N4	480v/3 ØD	108	130A/phase	1 AWG	2.5	Three	1.25"	147°	147°	123°	98°	37°	32°	28°	25°
AP126480 EFD N4	480v/3 ØD	126	151A/phase	2/0 AWG	2.5	Three	1.25"	147°	147°	143°	115°	43°	37°	33°	29°
AP144480 EFD N4	480v/3 ØD	144	173A/phase	2/0 AWG	2.5	Three	1.25"	147°	147°	147°	131°	49°	43°	38°	33°
AP216480 EFD N4	480v/3 ØD	216	260A/phase	300 MCM	2.5	Three	1.25"	147°	147°	147°	147°	74°	64°	57°	49°
AP108600 EFD N4	600v/3 ØD	108	104A/phase	2 AWG	2.5	Three	1.25"	147°	147°	123°	98°	37°	32°	28°	25°
AP162600 EFD N4	600v/3 ØD	162	156A/phase	2/0 AWG	2.5	Three	1.25"	147°	147°	147°	147°	55°	48°	43°	37°
AP216600 EFD N4	600v/3 ØD	216	207A/phase	4/0 AWG	2.5	Three	1.25"	147°	147°	147°	147°	74°	64°	57°	49°
SAFEADVANTAGE N4X MODELS															
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SUGGESTED SPECIFICATION

Tankless Water Heater shall be an Eemax,
 _____, 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:

Series Twelve Model # _____	Quantity _____	kW _____	Voltage _____	AMPS _____	GPM _____
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SPECIAL DESIGN SERVICE
 INQUIRIES FOR UNITS FOR UNIQUE APPLICATIONS ARE WELCOME.
 CALL OUR TECHNICAL SERVICE DEPT. **1-800-543-6163**.



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