

# electric tankless hot water heater

*Twelve* SERIES

## Twelve Module, Commercial/Industrial for Emergency Eye/Face and Drench Showers 600v Delta

### EEMAX HIGH CAPACITY MODELS – 600V DELTA (No Neutral Leg)

- Recommended for emergency drench showers to comply with ANSI Z358.1 tepid water requirements (65°-90°) 25 GPM.
- Equipped with microprocessing thermostat accuracy +/- 1°F.
- Built-in over temp protection.

MODEL	SERIES	VOLTS	KW	AMPS	TURN-ON (GPM/LPM)
ED130600T12 EFD*	12	600	130	130/phase	3/11 & 15/57
ED130600T12 DS*	12	600	130	130/phase	12/45
ED150600T12 DS*	12	600	150	144/phase	12/45

\*Available February 2012

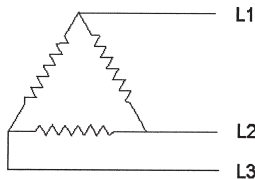


### ELECTRICAL CONFIGURATIONS AND REQUIREMENTS:

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

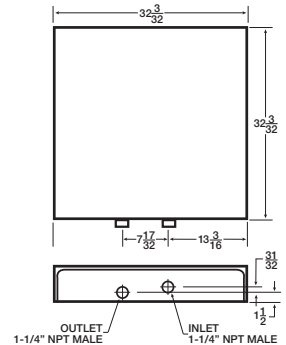
**EEMAX 600v Three Phase Units Delta Configuration**  
Requires: 3 Lives and 1 Ground (earth).

Three Phase Delta Three-wire



### PRODUCT SPECIFICATIONS:

- Dimensions: 32<sup>3</sup>/<sub>32</sub>" H x 32<sup>3</sup>/<sub>32</sub>" W x 6" D
- Weight: 70 lbs.
- Cover: Powder Coated Steel
- Color: Yellow
- Element: Twelve replaceable cartridge elements plus two spares
- Fittings: 1.25" NPT fittings at BOTTOM of unit
- Pressure: Min. 40psi, Max. 150psi
- U.S. PATENT #4,960,976, #4,762,980



### QUALITY FEATURES

- **Cut Energy Waste** – Flow switch activates heater only on demand (no standby heat loss).
- **Save Water** – Install at specific location.
- **Continuous Hot Water** – No storage capacity to run out.
- **Unlimited On Demand Hot Water** – No delay.
- **Meets ANSI Z358.1 Tepid Water Requirements.**
- **Reduced Installation Material Cost** – No T&P relief needed (check local codes).
- **Microprocessor Control** – Ensures accurate output temperatures, standard temp of 90° F.
- **Capacity to 26 GPM.**
- **Reduces Calcification, Liming and Sedimentation.**
- **Field Serviceable Element** – Replaceable cartridge element (1 year warranty).
- **Warranty** – Heaters are guaranteed against failure due to leaks of "Heater Body/Element Assembly" for a period of FIVE YEARS and ONE YEAR on parts.



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**eemax.com**



*SERIES*  
*Twelve*



TEMPERATURE RISE IN GPM (F) / LPM (C)

	VOLTAGE	POWER (kW)	AMPS	RECOMMENDED WIRE SIZE	TURN-ON (GPM/LPM)	PHASE	NPT FITTING	# HEATING MODULES & SERIES	TEMPERATURE RISE IN GPM (F) / LPM (C)										
									4 GPM / 15 LPM	6 GPM / 23 LPM	7.5 GPM / 28 LPM	15 GPM / 57 LPM	20 GPM / 76 LPM	23 GPM / 87 LPM	26 GPM / 98 LPM				
<b>EEMAX HIGH CAPACITY MODELS – 600v DELTA (No Neutral Leg)</b>																			
<b>ED130600T12 EFD*</b>	600	130	130/phase	1/0 AWG**	3G/11L 15G/57L	Three	1.25"	12	***	***	***	***	46°F / 26°C	40°F / 22°C	35°F / 19°C				
<b>ED130600T12 DS*</b>	600	130	130/phase	1/0 AWG**	12G/45L	Three	1.25"	12	-	-	-	***	46°F / 26°C	40°F / 22°C	35°F / 19°C				
<b>ED150600T12 DS*</b>	600	150	145/phase	1/0 AWG**	12G/45L	Three	1.25"	12	-	-	-	***	53°F / 29°C	46°F / 26°C	41°F / 23°C				

\*Available February 2012

\*\*Recommended wire size copper @ 75°C

\*\*\*Temperature limited electronically to 90°F / 32°C

**SUGGESTED SPECIFICATION**

Tankless Water Heater shall be an Eemax,

\_\_\_\_\_ with \_\_\_\_\_ kW, \_\_\_\_\_ vac, and \_\_\_\_\_ to heat \_\_\_\_\_ GPM @ a  
MODEL #                      kW RATING                      VOLTAGE                      AMPERAGE

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.

**OPTIONS & ACCESSORIES**

- NEMA 4** = Optional waterproof cabinet – hinged cover. Powder coated finish.
- NEMA 4x** = Optional stainless steel waterproof corrosion-resistant cabinet.
- Freeze Protection Kit** = Optional add-on for NEMA 4 and NEMA 4x. Ideal for harsh cold environments.
- GFCI Breaker** = Optional 200A ground fault protection.
- Siren/Beacon** = Optional safety alerting light w/101dB siren.

**EEMAX SUBMITTAL**

Engineer/Architect: \_\_\_\_\_  
 Job Name/Customer: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Contractor: \_\_\_\_\_  
 Representative: \_\_\_\_\_

HEATER SPECIFICATIONS:

Eemax Model #	Quantity	kW	Voltage	AMPS	GPM
_____	_____	_____	_____	_____	_____

**SUFFIX DEFINITION**

- EFD** = For combination Eye/Face drench shower  
 First Stage 3 GPM turn on (with reduced power for eye/face wash)  
 Second Stage 15 GPM turn on (full power for drench shower)
- DS** = For drench shower only.  
 (min. turn on 12 GPM)

**SPECIAL DESIGN SERVICE**

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



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