

# Three Phase Series

Triple module, commercial/industrial thermostatic 3-phase heater

## Specifications

Electric Tankless Hot Water Heater

### Applications

- Eye/face wash
- Where tepid water is needed
- Multiple lavatories
- Restaurants and other food service requirements
- Booster applications
- Manufacturing and wash down processes
- Commercial and industrial

### Performance Features

- Hot or cold water feed
- Available electrical models are 480V Delta (ED models) or 208V Delta (EX models) no neutral leg required
- Fitted with 1/2" compression fittings and electrical entry on the bottom
- Built in over temp protection
- Flow switch activates heater only on demand (no standby heat loss) – 99% efficient
- Save water – "Point of use application"
- Continuous hot water – no storage capacity to run out
- Factory set temperature available. Range ambient to 180°F
- Capacity to 5 GPM (T3 only), 4 GPM (T2T)
- Thermostatic control. Microprocessor provides precise outlet temperatures
- Reduces calcification, liming and sedimentation
- Warranty – Five (5) years leaks and one (1) year on parts – Field serviceable replaceable cartridge element, one (1) year

### Optional Features

- Emergency eye/face wash ANSI Z358.1 (EE)
- Factory set ambient to 180°F (FS)
- Multi lvs 0.3 turn on. Staged up to 4 lvs 105°F-110°F temp setting, aerators supplied (ML)
- Sanitation 180°F (S)
- N4, N4X (304SS) enclosures

### Product Specifications:

<b>Dimensions</b>	15 1/4" x 12 1/4" x 4 1/4"
<b>Weight</b>	15 lbs.
<b>Cover</b>	Powder Coated Steel
<b>Color</b>	White
<b>Element</b>	Triple replaceable Ni Chrome cartridge elements insert
<b>Fittings</b>	1/2" compression fittings at BOTTOM of unit
<b>Pressure</b>	Min. 25 PSI, max. 150 PSI

U.S. Patent #'s: 4,762,980 and 4,960,976

### Special Design Service

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



The wetted surface of this product contacted by water contains less than 0.25% lead and meets ANSI/NSF 372



### Electrical configuration and requirements

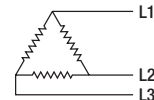
All Eemax three phase units are custom made to order and as such, are non-returnable and non-refundable. We urge you, therefore, to check your electrical supply, making sure all criteria for operating your Eemax water heater are met.

### Eemax 600v, 480v and 208v

#### Three Phase Units

#### Delta Configuration

Requires: 3 Lives and 1 Ground (earth)



### Suggested Specification

Tankless water heater shall be an Eemax "Three Phase" model number \_\_\_\_\_.

Element shall be replaceable cartridge insert. Element shall be iron free, Nickel Chrome material. Heater shall be fitted with 1/2" compression fittings. 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.

Enclosure to be fitted with the following features:

- \_\_\_ **EE** Emergency Eyewash. Meets ANSI tepid water requirements
- \_\_\_ **FS** Factory Set. Customer specified factory-set not to exceed temperature ambient to 180°F
- \_\_\_ **ML** Multi lvs 0.3 GPM turn on, staged up to 4 lvs 105°F-110°F temp setting, aerators supplied
- \_\_\_ **S** Sanitation. Factory preset not to exceed temperature of 180°F
- \_\_\_ **N4** NEMA 4 waterproof cabinet w/powder coat finish
- \_\_\_ **N4X** NEMA 4 stainless steel waterproof corrosion-resistant cabinet

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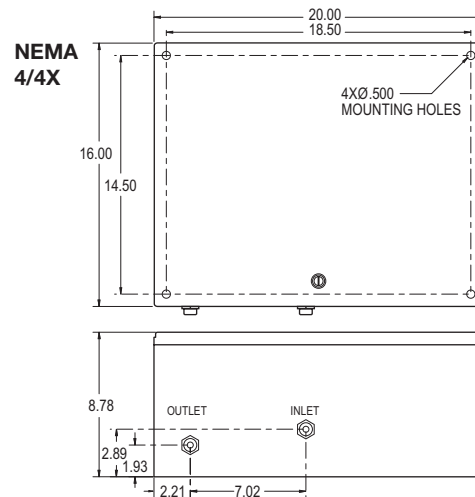
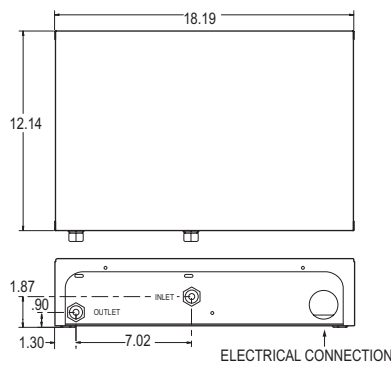
## Specifications

Electric Tankless Hot Water Heater

### Suffix Definitions

- EE** Meets ANSI Z358.1 emergency eye/face wash tepid water requirements
- FS** Factory set ambient to 180°F
- ML** Multi lavs 0.3 turn on. Staged up to 4 lavs 105°F-110°F temp setting
- S** Sanitation 180°F

MODEL NUMBER	kW	AMPS PER PHASE	TURN-ON (GPM)	RECOMMENDED WIRE SIZE (CU)	TEMPERATURE RISE °F				
					2.0 GPM	2.5 GPM	3.0 GPM	4.0 GPM	5.0 GPM
<b>VOLTS 208v/3 Ø</b>									
EX180T2T	18kW	50A/phase	0.7	6 AWG	61°	49°	41°	32°	–
EX180T2T EE	18kW	50A/phase	0.7	6 AWG	61°	49°	41°	32°	–
EX180T2T S	18kW	50A/phase	0.7	6 AWG	61°	49°	41°	32°	–
EX180T2T ML	18kW	50A/phase	0.3	6 AWG	61°	49°	41°	32°	–
EX180T2T FS	18kW	50A/phase	0.7	6 AWG	61°	49°	41°	32°	–
EX180T3	18kW	50A/phase	1.8	6 AWG	61°	49°	41°	32°	25°
EX180T3 EE	18kW	50A/phase	1.8	6 AWG	61°	49°	41°	32°	25°
EX180T3 S	18kW	50A/phase	1.8	6 AWG	61°	49°	41°	32°	25°
EX180T3 FS	18kW	50A/phase	1.8	6 AWG	61°	49°	41°	32°	25°
EX240T2T	24kW	67A/phase	0.7	6 AWG	82°	66°	55°	43°	–
EX240T2T EE	24kW	67A/phase	0.7	6 AWG	82°	66°	55°	43°	–
EX240T2T S	24kW	67A/phase	0.7	6 AWG	82°	66°	55°	43°	–
EX240T2T ML	24kW	67A/phase	0.3	6 AWG	82°	66°	55°	43°	–
EX240T2T FS	24kW	67A/phase	0.7	6 AWG	82°	66°	55°	43°	–
EX240T3	24kW	67A/phase	1.8	6 AWG	82°	66°	55°	43°	34°
EX240T3 EE	24kW	67A/phase	1.8	6 AWG	82°	66°	55°	43°	34°
EX240T3 S	24kW	67A/phase	1.8	6 AWG	82°	66°	55°	43°	34°
EX240T3 FS	24kW	67A/phase	1.8	6 AWG	82°	66°	55°	43°	34°
<b>VOLTS 480v Delta</b>									
ED020480T2T	20kW	24A/phase	0.7	10 AWG	68°	55°	46°	34°	–
ED020480T2T S	20kW	24A/phase	0.7	10 AWG	68°	55°	46°	34°	–
ED020480T2T ML	20kW	24A/phase	0.3	10 AWG	68°	55°	46°	34°	–
ED020480T2T FS	20kW	24A/phase	0.7	10 AWG	68°	55°	46°	34°	–
ED020480T3	20kW	24A/phase	1.8	10 AWG	68°	55°	46°	34°	27°
ED020480T3 EE	20kW	24A/phase	1.8	10 AWG	68°	55°	46°	34°	27°
ED020480T3 S	20kW	24A/phase	1.8	10 AWG	68°	55°	46°	34°	27°
ED024480T2T	24kW	29A/phase	0.7	10 AWG	82°	66°	55°	41°	–
ED024480T2T S	24kW	29A/phase	0.7	10 AWG	82°	66°	55°	41°	–
ED024480T2T ML	24kW	29A/phase	0.3	10 AWG	82°	66°	55°	41°	–
ED024480T2T FS	24kW	29A/phase	0.7	10 AWG	82°	66°	55°	41°	–
ED024480T3	24kW	29A/phase	1.8	10 AWG	82°	66°	55°	41°	33°
ED024480T3 EE	24kW	29A/phase	1.8	10 AWG	82°	66°	55°	41°	33°
ED024480T3 S	24kW	29A/phase	1.8	10 AWG	82°	66°	55°	41°	33°
ED032480T2T	32kW	38A/phase	0.7	8 AWG	109°	87°	73°	55°	–
ED032480T2T S	32kW	38A/phase	0.7	8 AWG	109°	87°	73°	55°	–
ED032480T2T ML	32kW	38A/phase	0.3	8 AWG	109°	87°	73°	55°	–
ED032480T2T FS	32kW	38A/phase	0.7	8 AWG	109°	87°	73°	55°	–
ED032480T3	32kW	38A/phase	1.8	8 AWG	109°	87°	73°	55°	43°
ED032480T3 EE	32kW	38A/phase	1.8	8 AWG	109°	87°	73°	55°	43°
ED032480T3 S	32kW	38A/phase	1.8	8 AWG	109°	87°	73°	55°	43°
ED032480T3 FS	32kW	38A/phase	1.8	8 AWG	109°	87°	73°	55°	43°



Information and product specifications contained in this document are subject to change without notice.