

electric tankless hot water heater

SPECIFICATIONS

THREE PHASE Series

Triple Module, Commercial/Industrial Thermostatic 3-Phase Heaters

EEMAX THREE PHASE UNITS

Hot or cold water feed use in Commercial and Industrial applications. (**safety eye/face, tepid water**) Electrical options available are 480V Delta or 208V Delta (both 3-Phase) no neutral leg required. Fitted with 1/2" compression fittings and electrical entry on the bottom. Built-in over temp protection.



EX MODEL	THERMOSTATIC OPTIONS	VOLTS	kW	AMPS	TURN-ON (GPM)
EX180T2T	EE,S,ML,FS	208v/3 Ø	18	50A/phase	0.7
EX180T3	EE,S,FS	208v/3 Ø	18	50A/phase	1.8
EX240T2T	EE,S,ML,FS	208v/3 Ø	24	67A/phase	0.7
EX240T3	EE,S,FS	208v/3 Ø	24	67A/phase	1.8

ED MODEL	THERMOSTATIC OPTIONS	VOLTS	kW	AMPS	TURN-ON (GPM)
ED020480T2T	EE,S,ML,FS	480v Delta	20	24A/phase	0.7
ED024480T2T	EE,S,ML,FS	480v Delta	24	29A/phase	0.7
ED032480T2T	EE,S,ML,FS	480v Delta	32	38A/phase	0.7

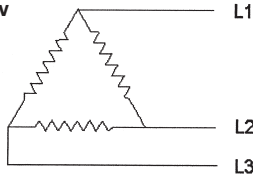


ELECTRICAL CONFIGURATIONS AND REQUIREMENTS:

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

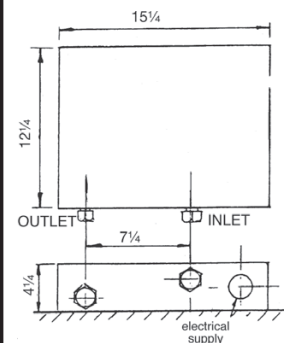
EEMAX 480v and 208v Three Phase Units Delta Configuration
Requires: 3 Lives and 1 Ground (earth)

Three Phase Delta
Three-wire



PRODUCT SPECIFICATIONS:

Dimensions: 15.25" H x 12.25" W x 4.25" D
Weight: 15 lbs.
Cover: Powder Coated Steel
Color: White
Element: Triple replaceable Ni Chrome cartridge elements insert
Fittings: 1/2" compression fittings at BOTTOM of unit
Pressure: Min. 25psi, Max. 150psi
U.S. PATENT #4,960,976, #4,762,980



NEMA OPTIONS

NEMA 4 = Optional waterproof cabinet – hinged cover. Powder coated finish.

NEMA 4x = Optional stainless steel waterproof corrosion-resistant cabinet.

QUALITY FEATURES

- **Cut Energy Waste** – 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).**
- **Microprocessor Control** – Ensures accurate output temperatures, standard temp of 140°F.
- **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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* The wetted surface of this product contacted by water contains less than 0.25% lead and meets California and Vermont Lead Free laws.

THREE PHASE
Series

THREE PHASE MODELS — 208v DELTA

	VOLTAGE	POWER (kW)	AMPS	RECOM. WIRE SIZE	TURN-ON (GPM)	COMPRESSION TYPE	# HEATING MODULES	TEMP RISE AT 2.0 GPM (F)	TEMP RISE AT 2.5 GPM (F)	TEMP RISE AT 3.0 GPM (F)	TEMP RISE AT 4.0 GPM (F)	TEMP RISE AT 5.0 GPM (F)
EX180T2T	208v/3 Ø	18	50A/phase	6 AWG	0.7	1/2"	3	61°	49°	41°	32°	—
EX180T2T EE	208v/3 Ø	18	50A/phase	6 AWG	0.7	1/2"	3	61°	49°	41°	32°	—
EX180T2T S	208v/3 Ø	18	50A/phase	6 AWG	0.7	1/2"	3	61°	49°	41°	32°	—
EX180T2T ML	208v/3 Ø	18	50A/phase	6 AWG	0.3	1/2"	3	61°	49°	41°	32°	—
EX180T2T FS	208v/3 Ø	18	50A/phase	6 AWG	0.7	1/2"	3	61°	49°	41°	32°	—
EX180T3	208v/3 Ø	18	50A/phase	6 AWG	1.8	1/2"	3	61°	49°	41°	32°	25°
EX180T3 EE	208v/3 Ø	18	50A/phase	6 AWG	1.8	1/2"	3	61°	49°	41°	32°	25°
EX180T3 S	208v/3 Ø	18	50A/phase	6 AWG	1.8	1/2"	3	61°	49°	41°	32°	25°
EX180T3 FS	208v/3 Ø	18	50A/phase	6 AWG	1.8	1/2"	3	61°	49°	41°	32°	25°
EX240T2T	208v/3 Ø	24	67A/phase	6 AWG	0.7	1/2"	3	82°	66°	55°	43°	—
EX240T2T EE	208v/3 Ø	24	67A/phase	6 AWG	0.7	1/2"	3	82°	66°	55°	43°	—
EX240T2T S	208v/3 Ø	24	67A/phase	6 AWG	0.7	1/2"	3	82°	66°	55°	43°	—
EX240T2T ML	208v/3 Ø	24	67A/phase	6 AWG	0.3	1/2"	3	82°	66°	55°	43°	—
EX240T2T FS	208v/3 Ø	24	67A/phase	6 AWG	0.7	1/2"	3	82°	66°	55°	43°	—
EX240T3	208v/3 Ø	24	67A/phase	6 AWG	1.8	1/2"	3	82°	66°	55°	43°	34°
EX240T3 EE	208v/3 Ø	24	67A/phase	6 AWG	1.8	1/2"	3	82°	66°	55°	43°	34°
EX240T3 S	208v/3 Ø	24	67A/phase	6 AWG	1.8	1/2"	3	82°	66°	55°	43°	34°
EX240T3 FS	208v/3 Ø	24	67A/phase	6 AWG	1.8	1/2"	3	82°	66°	55°	43°	34°

THREE PHASE MODELS — 480v DELTA

ED020480T2T	480v Delta	20	24A/phase	10 AWG	0.7	1/2"	3	68°	55°	46°	34°	—
ED020480T2T EE	480v Delta	20	24A/phase	10 AWG	0.7	1/2"	3	68°	55°	46°	34°	—
ED020480T2T S	480v Delta	20	24A/phase	10 AWG	0.7	1/2"	3	68°	55°	46°	34°	—
ED020480T2T ML	480v Delta	20	24A/phase	10 AWG	0.3	1/2"	3	68°	55°	46°	34°	—
ED020480T2T FS	480v Delta	20	24A/phase	10 AWG	0.7	1/2"	3	68°	55°	46°	34°	—
ED024480T2T	480v Delta	24	29A/phase	10 AWG	0.7	1/2"	3	82°	66°	55°	41°	—
ED024480T2T EE	480v Delta	24	29A/phase	10 AWG	0.7	1/2"	3	82°	66°	55°	41°	—
ED024480T2T S	480v Delta	24	29A/phase	10 AWG	0.7	1/2"	3	82°	66°	55°	41°	—
ED024480T2T ML	480v Delta	24	29A/phase	10 AWG	0.3	1/2"	3	82°	66°	55°	41°	—
ED024480T2T FS	480v Delta	24	29A/phase	10 AWG	0.7	1/2"	3	82°	66°	55°	41°	—
ED032480T2T	480v Delta	32	38A/phase	6 AWG	0.7	1/2"	3	109°	87°	73°	55°	—
ED032480T2T EE	480v Delta	32	38A/phase	6 AWG	0.7	1/2"	3	109°	87°	73°	55°	—
ED032480T2T S	480v Delta	32	38A/phase	6 AWG	0.7	1/2"	3	109°	87°	73°	55°	—
ED032480T2T ML	480v Delta	32	38A/phase	6 AWG	0.3	1/2"	3	109°	87°	73°	55°	—
ED032480T2T FS	480v Delta	32	38A/phase	6 AWG	0.7	1/2"	3	109°	87°	73°	55°	—

SUFFIX
DEFINITION

- EE = Tepid Water to 70°F-90°F
ANSI Z358,
1 Compliant
- S = Sanitation 180°F
- ML = Multi Lav Temp
Setting 105°F-
110°F, 0.3 GPM
Turn On Up to
8 Lavs
- FS = Factory Set
(Ambient to
180°F)
- T2T = Thermostatic
(Staged turn on)
Activates 0.7
GPM, max flow
4 GPM (Sign
Off Required)
- T3 = Thermostatic
(Parallel turn on)
Activates 1.8
GPM, max flow
5 GPM (Sign
Off Required)

EEMAX SUBMITTAL

Engineer/Architect: _____

Job Name/Customer: _____

Location: _____

Contractor: _____

Representative: _____

HEATER SPECIFICATIONS:

	Quantity	kW	Voltage	AMPS	GPM
Three Phase Model # _____					

SUGGESTED SPECIFICATION

Tankless Water Heater shall be an Eemax, _____,

with _____ kW, _____ vac, and _____ to heat

_____ GPM @ 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 1/2" 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.



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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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