



“THREE-PHASE”

Made In USA

ELECTRIC INSTANTANEOUS WATER HEATERS

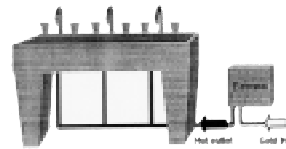
MODELS:

“THREE PHASE” Models (Triple Module) Parallel

Designed for cold water feed used in Commercial and Industrial constant flow rate applications. Available in 480/277 volts (4 wire - wye/star) or 208/120v (no neutral leg - Delta) electrics (18, 24kW only). 1.8GPM turn on. Max Flow 5GPM.

Ideal for three compartment sinks and multi wash stations.

	Volts	kW	Amps
EX180P3	208/120V (no neutral leg)	18kW	50A/phase
EX240P3	208/120V (no neutral leg)	24kW	67A/phase
EX180P3	480Y/277V (neutral leg required)	18kW	22A/phase
EX240P3	480Y/277V (neutral leg required)	24kW	29A/phase
EX320P3	480Y/277V (neutral leg required)	32kW	39A/phase



Three Compartment Sinks



EX (P3)

“THREE PHASE” Models (Triple Module) Thermostatic

Same as above for cold or hot water feed, used for booster or where very accurate water temperature is required. (+/- 0.5°F). 1.8GPM turn on. Max Flow 5GPM

	Volts	kW	Amps
EX180T3	208/120V (no neutral leg)	18kW	50A/phase
EX240T3	208/120V (no neutral leg)	24kW	67A/phase
EX180T3	480Y/277V (neutral leg required)	18kW	22A/phase
EX240T3	480Y/277V (neutral leg required)	24kW	29A/phase
EX320T3	480Y/277V (neutral leg required)	32kW	39A/phase



Booster

SPECIFICATION OPTIONS (T3)

- EE = Tepid water 70° to 90° ANSI 2358.1
- S = Sanitation 180°



EX (T3)

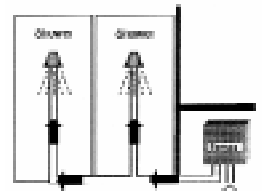
“THREE PHASE” Models (Triple Module) Thermostatic Series Three

Cold or hot water feed heater, designed to turn on in stages based on flow, will maintain precise outlet temperature (+/- 0.5°F).

Ideal for multi outlet applications: modular hand washing, multi-shower, restaurants, beauty salons.

Turn on .7GPM. Max Flow 4.0GPM.

	Volts	kW	Amps
EX180(T2T,T2P)	208/120V (no neutral leg)	18kW	50A/phase
EX240(T2T,T2P)	208/120V (no neutral leg)	24kW	67A/phase
EX180(T2T,T2P)	480Y/277V (neutral leg required)	18kW	22A/phase
EX240(T2T,T2P)	480Y/277V (neutral leg required)	24kW	29A/phase
EX320(T2T,T2P)	480Y/277V (neutral leg required)	32kW	39A/phase



Multi Outlet

SPECIFICATION OPTIONS (T2T)

- S = Sanitation 180°
- ML = Multi Lav temp setting 105°-110° .5 turn on up to 8 lavs
- T2T = Hot or cold feed
- T2P = Cold water feed only



EX (T2T/T2P)

QUALITY FEATURES

- **On Demand Hot Water** - no delay.
- **Continuous Hot Water** - no storage capacity to run out.
- **Thermostatic Feature available (“T3/T2T”)** - insures accurate outlet temperature. (+/- 0.5°F) Standard 100°F-140°F (capable of up to 180°F).
- **Factory set temperature available.**
- **Capacity to 5 GPM (P3, T3 only)**
- **Cut Energy Waste** - flow switch activates heater only on demand (no standby heat loss).
- **Compact Size** - dimensions; 12"x12"x3 1/2" weight 12 lbs
- **Designed for Durability, reduces calcification, sedimentation**
- **Space Saving Installation** - wall mounted
- **Field Serviceable Elements** - replaceable cartridge elements. (1 year warranty)
- **Warranty** - Full Factory Warranty - Heaters are guaranteed against failure due to leaks of “Heater Body/Element Assembly” for a period of TEN YEARS.
- **Custom factory built heaters available to your specifications. Contact Eemax Engineering 800-543-6163**

SUGGESTED SPECIFICATION

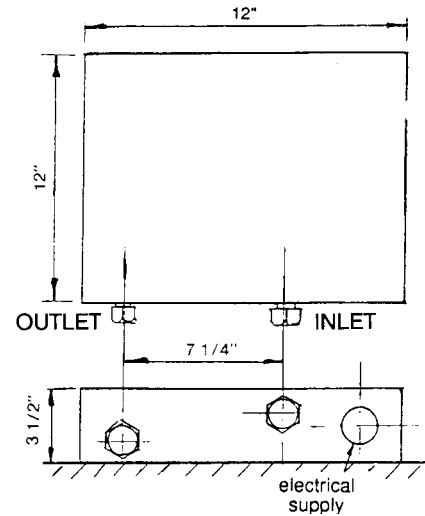
- Spec Option: EE = Tepid water to 70° - 90°
 ANSI Z358.1 compliant
 S = Sanitation 180°
 ML = Multi Lav temp setting 105°- 110°
 .5 GPM turn on up to 8 lavs

Heater shall have three heating modules. Elements shall be replaceable cartridge inserts. Unit shall have a replaceable filter in the inlet connector. Elements shall be iron free nickel-chrome wire. Heater shall be fitted with compression nuts and sleeves to eliminate need for soldering. Maximum operating pressure of 150 psi. Hot water storage tanks prohibited. Units shall be Eemax or approved equal.

NOTE: Refer to ratings chart for product information.

SPECIFICATIONS:

- Dimensions: 12" x 12" x 3 1/2"
 Weight: 12 lbs.
 Cover: Enameled Steel.
 Glass Reinforced Heater Body
 Color: White
 Element: Triple replaceable Ni Chrome cartridge elements inserts
 Pipe-Fittings: 5/8" I.D. compression (1/2" copper pipe) at bottom of unit.
 Operation Pressure: Min 25PSI, Max 150
 U.S. Patent #s: 4,960,976
 4,762,980



EEMAX SUBMITTAL

Engineer/Architect: _____
 Job Name/Customer: _____
 Location: _____
 Contractor: _____
 Representative: _____
 HEATER SPECIFICATIONS:
 Option Quantity kW Voltage AMPS GPM
 Three Phase # EX _____

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



RATINGS OF "THREE PHASE" MODELS

T3 = Thermostatic (Parallel) *Turns on 1.8GPM • P3 = Non Thermostatic (Parallel) •Turns on 1.8GPM

MODEL	kW RATING	VOLTAGE	CURRENT PER PHASE	TEMPERATURE RISE °F						Recomm. WIRE SIZE	
				1.5GPM	2.0GPM	2.5GPM	3.0GPM	3.5GPM	4.0GPM		5.0GPM
EX180(T3,P3)	18kW	208/120V <small>Delta-no neutral leg</small>	50A/phase	82°	61°	49°	41°	35°	32°	25°	6AWG
EX240(T3,P3)	24kW	208/120V <small>Delta-no neutral leg</small>	67A/phase	—	82°	65°	54°	47°	43°	34°	6AWG
EX180(T3,P3)	18kW	480Y/277V <small>neutral leg required</small>	21.7A/phase	82°	61°	49°	41°	35°	32°	25°	10AWG
EX240(T3,P3)	24kW	480Y/277V <small>neutral leg required</small>	28.9A/phase	—	82°	65°	54°	47°	43°	34°	10AWG
EX320(T3,P3)	32kW	480Y/277V <small>neutral leg required</small>	38.5A/phase	—	—	87°	73°	62°	58°	45°	8AWG

OPTIONS: P3 = cold water feed
 T3 = hot or cold feed

Thermostatic Series Three *Turns on in stages .7GPM turn on

MODEL	kW RATING	VOLTAGE	CURRENT PER PHASE	TEMPERATURE RISE °F						Recomm. WIRE SIZE	
				1.5GPM	2.0GPM	2.5GPM	3.0GPM	3.5GPM	4.0GPM		5.0GPM
EX180 (T2T,T2P)	18kW	208/120V <small>Delta-no neutral leg</small>	50A/phase	82°	61°	49°	41°	35°	32°	25°	6AWG
EX240 (T2T,T2P)	24kW	208/120V <small>Delta-no neutral leg</small>	67A/phase	—	82°	65°	54°	47°	43°	34°	6AWG
EX180 (T2T,T2P)	18kW	480Y/277V <small>neutral leg required</small>	21.7A/phase	82°	61°	49°	41°	35°	32°	25°	10AWG
EX240 (T2T,T2P)	24kW	480Y/277V <small>neutral leg required</small>	28.9A/phase	—	82°	65°	54°	47°	43°	34°	10AWG
EX320 (T2T,T2P)	32kW	480Y/277V <small>neutral leg required</small>	38.5A/phase	—	—	87°	73°	62°	58°	45°	8AWG

* If the unit is connected to a 460/265 three phase system, the above outputs will be reduced by 8.5%.

OPTIONS: T2P = cold water feed
 T2T = hot or cold feed

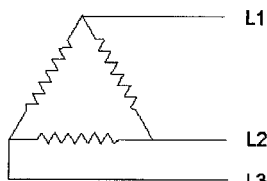
Electrical Configurations and Requirements for Eemax Three Phase Instantaneous Water Heaters.

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, especially that a neutral line is available for all 480/277 volt units.

Eemax 208/120 Three Phase Units Delta Configuration

Requires: 3 Lives, 1 Ground (earth)

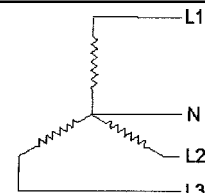
Three-Phase delta; Three-wire



Eemax 480/277 Three Phase Units Star Configuration

Requires: 3 Lives, 1 Neutral and 1 Ground

Three-Phase star; four-wire; non-earthed neutral



Eemax® Inc.

353 Christian Street, Oxford, CT 06478

www.eemax.com

Telephone: (203) 267-7890
 TOLL FREE: 1-800-543-6163
 FAX: (203) 267-7975