

De-Ionized, Triple Module

Three phase – 18kW to 32kW and single phase 28kW

Specifications

Electric Tankless Hot Water Heater

Applications

- Microchip manufacturing
- Pharmaceutical production
- High tolerance component cleaning
- Ultrasonic cleaning
- Spray rinse tank
- Batch chemical mixing

Quality Features

- Hot or cold water feed
- Capable of heating high purity water with state of the art materials used in construction, rated for purity levels up to 18 MEG OHM
- Proven by independent analytical laboratory to maintain water purity. Test results available upon request
- Compact size allows for easy installation close to the point-of-use
- Thermostatic temperature control available with highly accurate micro processor to deliver +/-1°F outlet accuracy
- Eliminate deadlegs. Unique flow activated design allows for constant water movement, even when not heating
- Easy installation

Product Specifications

Dimensions	10 3/4"H x 5 1/4"W x 2 7/8"D
Weight:	Approximately 15 lbs.
Fittings	1/2" compression
Temp Accuracy	+/-1° outlet accuracy

Special Design Service

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

Suggested Specification

Tankless water heater shall be an Eemax De-Ionized model number EX_____.

Heating element shall be replaceable element cartridge. Unit shall be capable of heating water up to 18 MEG OHM quality or approved equal.

Enclosure to be fitted with the following features:

- _____ **T2T** Staged turn on 0.7 GPM, max. flow 4 GPM
- _____ **T3** Parallel turn on 1.8 GPM, max. flow 5 GPM
- _____ **N4** NEMA 4 waterproof cabinet w/powder coat finish
- _____ **N4X** NEMA 4 stainless steel waterproof corrosion-resistant cabinet



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

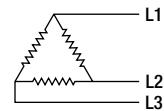


Electrical configuration and requirements

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.

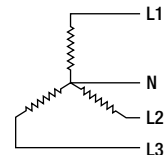
Eemax 208v Three Phase Units Delta Configuration

Requires: 3 Lives and 1 Ground (earth)



Eemax 480Y/277 Three Phase Units Star Configuration

Requires: 3 Lives, 1 Neutral and 1 Ground (earth)



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Triple module, commercial/industrial thermostatic 3-phase heater

Specifications

Electric Tankless Hot Water Heater

Suffix Definitions

- T2T** Staged heating elements
- T3** Parallel heating elements

MODEL NUMBER	kW	AMPS PER PHASE	RECOMMENDED WIRE SIZE (CU)	TEMPERATURE RISE °F			
				2.0 GPM	3.0 GPM	4.0 GPM	5.0 GPM T3 ONLY
VOLTAGE - 208V/3 Ø Delta-no neutral leg							
EX180T2T DI	18kW	50A/phase	6 AWG	61°	41°	31°	-
EX180T3 DI	18kW	50A/phase	6 AWG	61°	41°	31°	25°
EX240T2T DI	24kW	67A/phase	6 AWG	82°	55°	41°	-
EX240T3 DI	24kW	67A/phase	6 AWG	82°	55°	41°	33°
VOLTAGE - 240V Single Phase*							
EX280T2T DI	28.5kW	120(3x40)A	8 AWG	+	64°	48°	-
VOLTAGE - 480V/277V Neutral leg required							
EX180T2T-277 DI	18kW	22A/phase	10 AWG	61°	41°	31°	-
EX240T2T-277 DI	24kW	29A/phase	10 AWG	82°	55°	41°	-
EX240T3-277 DI	24kW	29A/phase	10 AWG	82°	55°	41°	33°
EX320T2T-277 DI	32kW	39A/phase	8 AWG	+	73°	55°	-
EX320T3-277 DI	32kW	39A/phase	8 AWG	+	73°	55°	44°
VOLTAGE - 480V Delta							
ED020480T2T DI	20kW	24A/phase	10AWG	68°	46°	34°	-
ED024480T2T DI	24kW	29A/phase	10AWG	82°	55°	41°	-
ED032480T2T DI	32kW	38A/phase	6AWG	109°	73°	55°	-

* 240V units can be used on 208V single phase with 25% reduced temperature output. Please note per UL standards the rating plate and installation instructions will all be according to a 240V applied voltage. Check with local officials prior to derating the electrical infrastructure.
 + Temperature electrically limited to factory preset not-to-exceed temperature.

