

# Series Two™, "T2"

Parallel Models (Two Heating Modules) with Thermostatic Control

## Specifications

Tankless Electric Water Heater

### Applications

- Single high volume fixture
- Booster (Solar backup)
- Commercial/Industrial
- Adjustable temperature setting with  $\pm 1^\circ\text{F}$  temperature stability

### Features

- Parallel turn on
- On demand hot water
- Continuous hot water. No storage capacity to run out
- Reduces installation cost and material. No T&P relief valve needed (check local codes) or venting
- Easy installation with integral 3/4" NPT fittings
- Cut energy waste. Flow switch activates heater only on demand (no standby heat loss)
- Meets ANSI Z358.1 tepid water requirement (EE option)
- Two glass reinforced heater bodies and Nichrome elements – a unique, patented flow path ensures optimum heat transfer and extended element life
- Warranty, five (5) years limited on leaks, one (1) year parts
- Field serviceable replaceable cartridge element
- Unit mounts on wall
- High temperature limit switch

### Optional Features

- Emergency eye/face wash ANSI Z358.1 (EE)
- Factory set up to 180°F (60°F-180°F) (FS)
- Sanitation 180°F (S)
- N4, N4X (304SS) enclosures

### Product Specifications

<b>Dimensions:</b>	10.25" x 10.75" x 4.5"
<b>Weight:</b>	10.5 lb
<b>Cover:</b>	Enameled steel
<b>Color:</b>	White
<b>Element:</b>	Dual replacement cartridge inserts Thermostatic control ( $\pm 1^\circ\text{F}$ ) accuracy at steady state
<b>Fittings:</b>	3/4" NPT fittings at bottom of unit
<b>Min. Operating Pressure:</b>	40 PSI
<b>Max. Operating Pressure:</b>	150 PSI
<b>UL listed file number:</b>	E86887

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**.



**NO LEAD**

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

Assembled



### Suggested Specification

Tankless water heater shall be an Eemax Series Two model number EX \_\_\_\_\_.

Heater shall have two heating modules. Element shall be replaceable cartridge insert. Unit shall have a replaceable filter in the inlet connector. Heater shall be fitted with 3/4" NPT water connections. Maximum operating pressure of 150 PSI. Hot water storage tanks prohibited. Unit shall be Eemax or approved equal.

Heater available with the following features:

<b>EE</b>	Emergency Eyewash. Meets ANSI tepid water requirements. Max. temperature of 90°F
<b>FS</b>	Factory Set. Customer specified factory-set not to exceed temperature up to 180°F (60°F-180°F)
<b>S</b>	Sanitation 180°F
<b>N4</b>	NEMA 4 steel cabinet with powder coat finish
<b>N4X</b>	NEMA 4 stainless steel, corrosion-resistant cabinet

**NOTE:** Unit should not be used in a recirculation application. Contact an EEMAX representative for alternative recommendations.

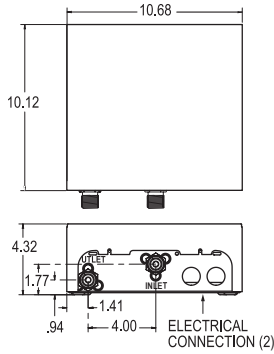
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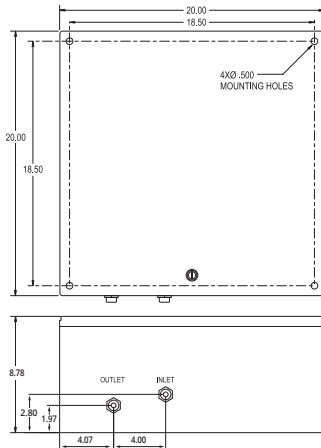
## Specifications Tankless Electric Water Heater

### Suffix Definitions

- EE** Meets ANSI Z358.1 emergency eye/face wash tepid water requirements
- FS** Factory set up to 180°F
- S** Sanitation 180°F



### NEMA 4/4X



MODEL NUMBER	kW	TOTAL AMP DRAW	CIRCUITS REQUIRED X BREAKER SIZE	TURN ON (GPM)	RECOMMENDED WIRE SIZE (75° C/CU)	MAX FLOW GPM	TEMPERATURE RISE °F				
							1.5 GPM	2.0 GPM	2.5 GPM	3.0 GPM	4.0 GPM
<b>VOLTS 240*</b>											
C <b>EX144T2</b>	15.0	64	(2x40)	1.5	10 AWG	4.0	68°	51°	41°	34°	26°
	<b>EX144T2 (derated 208V performance)</b>										
C <b>EX144T2 EE</b>	15.0	64	(2x40)	1.5	10 AWG	4.0	†	51°	41°	34°	26°
C <b>EX144T2 FS</b>	15.0	64	(2x40)	1.5	10 AWG	4.0	68°	51°	41°	34°	26°
C <b>EX144T2 S</b>	15.0	64	(2x40)	1.5	10 AWG	4.0	68°	51°	41°	34°	26°
C <b>EX190T2</b>	19.0	80	(2x40)	1.5	8 AWG	4.0	87°	65°	52°	43°	32°
	<b>EX190T2 (derated 208V performance)</b>										
C <b>EX190T2 EE</b>	19.0	80	(2x40)	1.5	8 AWG	4.0	†	†	52°	43°	32°
C <b>EX190T2 FS</b>	19.0	80	(2x40)	1.5	8 AWG	4.0	87°	65°	52°	43°	32°
C <b>EX190T2 ML</b>	19.0	80	(2x40)	1.5	8 AWG	4.0	87°	65°	52°	43°	32°
C <b>EX023240T2</b>	23.0	96	(2x50)	1.5	8 AWG	4.0	105°	79°	63°	52°	39°
	<b>EX023240T2 (derated 208V performance)</b>										
	<b>EX023240T2 EE</b>										
	23.0	96	(2x50)	1.5	8 AWG	4.0	†	†	†	52°	39°
	<b>EX023240T2 FS</b>										
	23.0	96	(2x50)	1.5	8 AWG	4.0	105°	79°	63°	52°	39°
	<b>EX023240T2 S</b>										
	23.0	96	(2x50)	1.5	8 AWG	4.0	105°	79°	63°	52°	39°
<b>VOLTS 208 Single Phase</b>											
C <b>EX1608T2</b>	16.6	80	(2x40)	1.5	8 AWG	4.0	76°	57°	45°	38°	28°
C <b>EX1608T2 EE</b>	16.6	80	(2x40)	1.5	8 AWG	4.0	†	57°	45°	38°	28°
C <b>EX1608T2 FS</b>	16.6	80	(2x40)	1.5	8 AWG	4.0	76°	57°	45°	38°	28°
C <b>EX1608T2 S</b>	16.6	80	(2x40)	1.5	8 AWG	4.0	76°	57°	45°	38°	28°
<b>VOLTS 277</b>											
C <b>EX160T2</b>	16.0	58	(2x30)	1.5	10 AWG	4.0	73°	55°	44°	36°	27°
C <b>EX160T2 EE</b>	16.0	58	(2x30)	1.5	10 AWG	4.0	†	55°	44°	36°	27°
C <b>EX160T2 FS</b>	16.0	58	(2x30)	1.5	10 AWG	4.0	73°	55°	44°	36°	27°
C <b>EX160T2 S</b>	16.0	58	(2x30)	1.5	10 AWG	4.0	73°	55°	44°	36°	27°
C <b>EX200T2</b>	20.0	72	(2x40)	1.5	8 AWG	4.0	91°	68°	55°	46°	34°
C <b>EX200T2 EE</b>	20.0	72	(2x40)	1.5	8 AWG	4.0	†	†	55°	46°	34°
C <b>EX200T2 FS</b>	20.0	72	(2x40)	1.5	8 AWG	4.0	91°	68°	55°	46°	34°
C <b>EX200T2 S</b>	20.0	72	(2x40)	1.5	8 AWG	4.0	91°	68°	55°	46°	34°
<b>CNL Models</b>											
C <b>EX144T2 CNL</b>	15.0	64	(1x70)	1.5	6 AWG	4.0	68°	51°	41°	34°	25°
C <b>EX144T2 EE CNL</b>	15.0	64	(1x70)	1.5	6 AWG	4.0	†	51°	41°	34°	25°
C <b>EX144T2 FS CNL</b>	15.0	64	(1x70)	1.5	6 AWG	4.0	68°	51°	41°	34°	25°
C <b>EX144T2 S CNL</b>	15.0	64	(1x70)	1.5	6 AWG	4.0	68°	51°	41°	34°	25°
C <b>EX190T2 CNL</b>	19.0	80	(1x80)	1.5	4 AWG	4.0	87°	65°	52°	43°	32°
C <b>EX190T2 EE CNL</b>	19.0	80	(1x80)	1.5	4 AWG	4.0	†	†	52°	43°	32°
C <b>EX190T2 FS CNL</b>	19.0	80	(1x80)	1.5	4 AWG	4.0	87°	65°	52°	43°	32°
C <b>EX190T2 S CNL</b>	19.0	80	(1x80)	1.5	4 AWG	4.0	87°	65°	52°	43°	32°
C <b>EX1608T2 CNL</b>	16.6	80	(1x80)	1.5	4 AWG	4.0	76°	57°	45°	38°	28°
C <b>EX1608T2 EE CNL</b>	16.6	80	(1x80)	1.5	4 AWG	4.0	†	57°	45°	38°	28°
C <b>EX1608T2 FS CNL</b>	16.6	80	(1x80)	1.5	4 AWG	4.0	76°	57°	45°	38°	28°
C <b>EX1608T2 S CNL</b>	16.6	80	(1x80)	1.5	4 AWG	4.0	76°	57°	45°	38°	28°

\* 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 temperature.

"C" indicates evaluation and compliance to either Underwriters Laboratories (UL) or Intertek (ETL) under CAN/CSA-C22.2 No. 64/No. 88. CNL SKUs are Canada specific.

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