Series Two™, "T2"

Parallel Models (Two Heating Modules) with Thermostatic Control

Specifications
Tankless Electric Water Heater

Applications

- Single high volume fixture
- Commercial/Industrial
- Adjustable temperature setting with +/–1°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

Dimensions:	10.25" x 10.75" x 4.5"
Weight:	10.5 lb
Cover:	Enameled steel
Color:	White
Element:	Dual replacement cartridge inserts Thermostatic control (+/-1°F) accuracy at steady state
Fittings:	3/4" NPT fittings at bottom of unit
Min. Operating Pressure:	40 PSI
Max. Operating Pressure:	150 PSI
UL listed file number:	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**.



c UL us

NO LEAD*
*The wetted surface of this product contacted by water contains less than 0.25% lead and meets NSF/ANSI 372

c SA us
LOW LEAD CONTENT

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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:

____ **EE**	Emergency Eyewash. Meets ANSI tepid water requirements. Max. temperature of 90°F
____ **FS**	Factory set to a prespecified target temperature between 95°F -180°F
____ **S**	Sanitation 180°F
____ **N4**	NEMA 4 steel cabinet with powder coat finish
____ **N4X**	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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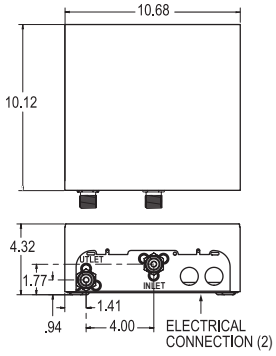
Specifications
Tankless Electric Water Heater

Suffix Definitions

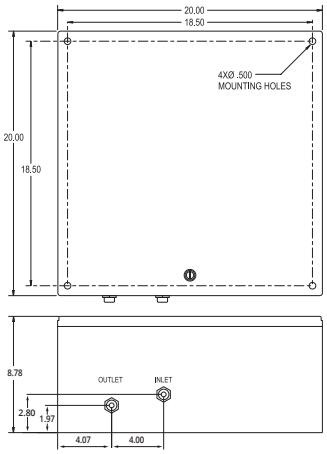
EE Meets ANSI Z358.1 emergency eye/face wash tepid water requirements

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
	**VOLTS 240* Single Phase†† **											
C	**EX144T2**	15.0	64	(2x40)	1.5	10 AWG	4.0	68°	51°	41°	34°	26°
	EX144T2 (derated 208V performance)	11.2	54	(2x40)	1.5	10 AWG	4.0	51°	38°	31°	26°	19°
C	**EX144T2 EE**	15.0	64	(2x40)	1.5	10 AWG	4.0	†	51°	41°	34°	26°
C	**EX144T2 FS**	15.0	64	(2x40)	1.5	10 AWG	4.0	68°	51°	41°	34°	26°
C	**EX144T2 S**	15.0	64	(2x40)	1.5	10 AWG	4.0	68°	51°	41°	34°	26°
C	**EX190T2**	19.0	80	(2x40)	1.5	8 AWG	4.0	87°	65°	52°	43°	32°
	EX190T2 (derated 208V performance)	13.7	66	(2x40)	1.5	8 AWG	4.0	63°	47°	38°	31°	24°
C	**EX190T2 EE**	19.0	80	(2x40)	1.5	8 AWG	4.0	†	†	52°	43°	32°
C	**EX190T2 FS**	19.0	80	(2x40)	1.5	8 AWG	4.0	87°	65°	52°	43°	32°
C	**EX190TC ML**	19.0	80	(2x40)	1.5	8 AWG	4.0	87°	65°	52°	43°	32°
	EX023240T2	23.0	96	(2x50)	1.5	8 AWG	4.0	105°	79°	63°	52°	39°
	EX023240T2 (derated 208V performance)	17.3	83	(2x50)	1.5	8 AWG	4.0	79°	59°	47°	39°	30°
	EX023240T2 EE	23.0	96	(2x50)	1.5	8 AWG	4.0	†	†	†	52°	39°
	EX023240T2 FS	23.0	96	(2x50)	1.5	8 AWG	4.0	105°	79°	63°	52°	39°
	EX023240T2 S	23.0	96	(2x50)	1.5	8 AWG	4.0	105°	79°	63°	52°	39°
	**VOLTS 208 Single Phase†† **											
C	**EX1608T2**	16.6	80	(2x40)	1.5	8 AWG	4.0	76°	57°	45°	38°	28°
C	**EX1608T2 EE**	16.6	80	(2x40)	1.5	8 AWG	4.0	†	57°	45°	38°	28°
C	**EX1608T2 FS**	16.6	80	(2x40)	1.5	8 AWG	4.0	76°	57°	45°	38°	28°
C	**EX1608T2 S**	16.6	80	(2x40)	1.5	8 AWG	4.0	76°	57°	45°	38°	28°
	VOLTS 277 Single Phase											
	EX160T2	16.0	58	(2x30)	1.5	10 AWG	4.0	73°	55°	44°	36°	27°
	EX160T2 EE	16.0	58	(2x30)	1.5	10 AWG	4.0	†	55°	44°	36°	27°
	EX160T2 FS	16.0	58	(2x30)	1.5	10 AWG	4.0	73°	55°	44°	36°	27°
	EX160T2 S	16.0	58	(2x30)	1.5	10 AWG	4.0	73°	55°	44°	36°	27°
	EX200T2	20.0	72	(2x40)	1.5	8 AWG	4.0	91°	68°	55°	46°	34°
	EX200T2 EE	20.0	72	(2x40)	1.5	8 AWG	4.0	†	†	55°	46°	34°
	EX200T2 FS	20.0	72	(2x40)	1.5	8 AWG	4.0	91°	68°	55°	46°	34°
	EX200T2 S	20.0	72	(2x40)	1.5	8 AWG	4.0	91°	68°	55°	46°	34°

* 240V units can be used on 208V single phase with approximately 25% reduced kilowatt 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.

†† ATTENTION: Under no circumstances can Series Two be connected to a 208 V or 240 V three phase load center. Connection to any three phase load center will void all warranty coverage.

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