

Series Two, Commercial “T2”

Parallel models (Two heating modules) with thermostatic control

Specifications

Electric Tankless Hot Water Heater

Applications

- Single high volume fixture
- Commercial dishwashers
- Booster (Solar backup)
- Commercial/Industrial
- Adjustable, precise temperature setting $\pm 1^{\circ}\text{F}$ (ambient up to 180°F)

Performance Features

- Parallel turn on. **Min. flow 1.5 GPM**, max. flow 4 GPM
- 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)
- Reduces calcification
- Two glass reinforced heater bodies and Ni Chrome elements – a unique, patented flow path ensures optimum heat transfer and extended element life
- Warranty – Five (5) years leaks, and one (1) year on parts – Field serviceable replaceable cartridge element, one (1) year
- Unit mounts on wall
- High temperature limit switch
- LEED credits available

Optional Features

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

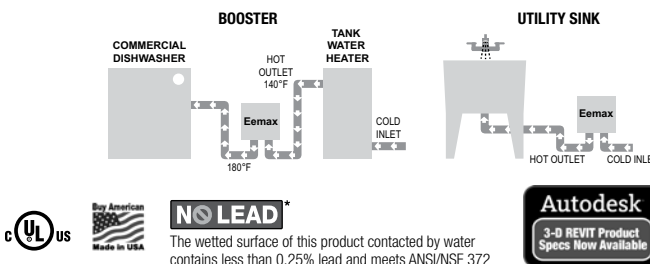
Product Specifications

Dimensions	10" x 10.5" x 3"
Weight	10.5 lbs.
Cover	Enameled steel
Color	White
Element	Dual replacement cartridge inserts. Thermostatic control ($\pm 1^{\circ}\text{F}$) accuracy
Pipe-Fittings	3/4" NPT fittings at bottom of unit.
Operating Pressure	Min. 40 PSI, max. 150 PSI
UL Listing	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**.



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.

NOTE: Refer to rating chart for product information.

Enclosure to be fitted with the following features:

- ___ **EE** Emergency Eyewash. Meets ANSI tepid water requirements. Max. temperature of 90°F
- ___ **FS** Factory Set. Customer specified factory-set not to exceed temperature ambient to 180°F (60°F - 180°F)
- ___ **S** Sanitation. Factory preset not to exceed temperature of 180°F
- ___ **N4** NEMA 4 waterproof cabinet w/powder coat finish
- ___ **N4X** NEMA 4 stainless steel waterproof corrosion-resistant cabinet

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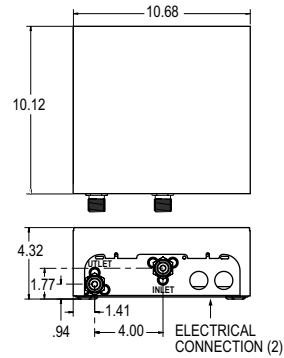
Parallel models (Two heating modules) with thermostatic control

Specifications

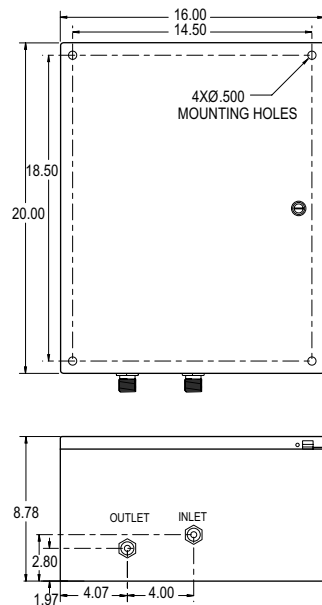
Electric Tankless Hot Water Heater

Suffix Definitions

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



NEMA 4/4X



				TEMPERATURE RISE °F					
MODEL NUMBER		KW	AMPS	RECOMMENDED WIRE SIZE (CU)	1.5 GPM	2.0 GPM	2.5 GPM	3.0 GPM	4.0 GPM
VOLTS 240*									
C	EX144T2	15kW	64(2x32)A	8 AWG per module	68°	51°	41°	34°	25°
	EX144T2 (derated 208V performance)	11.2KW	54(2x27)A	*	51°	38°	31°	26°	19°
C	EX144T2 EE	15kW	64(2x32)A	8 AWG per module	68°	51°	41°	34°	25°
C	EX144T2 FS	15kW	64(2x32)A	8 AWG per module	68°	51°	41°	34°	25°
C	EX144T2 S	15kW	64(2x32)A	8 AWG per module	68°	51°	41°	34°	25°
C	EX190T2	19kW	80(2x40)A	8 AWG per module	+	65°	52°	43°	32°
	EX190T2 (derated 208V performance)	14KW	68(2x34)A	*	64	48	38	32	24
C	EX190T2 EE	19kW	80(2x40)A	8 AWG per module	+	65°	52°	43°	32°
C	EX190T2 FS	19kW	80(2x40)A	8 AWG per module	+	65°	52°	43°	32°
C	EX190T2 S	19kW	80(2x40)A	8 AWG per module	+	65°	52°	43°	32°
	EX022340T2	23kW	96(2x48)A	6 AWG per module	+	79°	62°	52°	39°
	EX022340T2 (derated 208V performance)	17.3KW	83(2x42)A	*	79°	59°	47°	39°	29°
	EX022340T2 EE	23kW	96(2x48)A	6 AWG per module	+	79°	62°	52°	39°
	EX022340T2 FS	23kW	96(2x48)A	6 AWG per module	+	79°	62°	52°	39°
	EX022340T2 S	23kW	96(2x48)A	6 AWG per module	+	79°	62°	52°	39°
VOLTS 208 Single Phase									
C	EX1608T2	16.6kW	80(2x40)A	8 AWG per module	75°	57°	45°	38°	28°
C	EX1608T2 EE	16.6kW	80(2x40)A	8 AWG per module	75°	57°	45°	38°	28°
C	EX1608T2 FS	16.6kW	80(2x40)A	8 AWG per module	75°	57°	45°	38°	28°
C	EX1608T2 S	16.6kW	80(2x40)A	8 AWG per module	75°	57°	45°	38°	28°
VOLTS 277									
	EX160T2	16kW	58(2x29)A	10 AWG per module	73°	55°	44°	36°	27°
	EX160T2 EE	16kW	58(2x29)A	10 AWG per module	73°	55°	44°	36°	27°
	EX160T2 FS	16kW	58(2x29)A	10 AWG per module	73°	55°	44°	36°	27°
	EX160T2 S	16kW	58(2x29)A	10 AWG per module	73°	55°	44°	36°	27°
	EX200T2	20kW	72(2x36)A	8 AWG per module	+	68°	54°	46°	34°
	EX200T2 EE	20kW	72(2x36)A	8 AWG per module	+	68°	54°	46°	34°
	EX200T2 FS	20kW	72(2x36)A	8 AWG per module	+	68°	54°	46°	34°
	EX200T2 S	20kW	72(2x36)A	8 AWG per module	+	68°	54°	46°	34°
CNL Models									
C	EX144T2 CNL	15kW	64 A	6 AWG	68°	51°	41°	34°	25°
C	EX144T2 EE CNL	15kW	64 A	6 AWG	68°	51°	41°	34°	25°
C	EX144T2 FS CNL	15kW	64 A	6 AWG	68°	51°	41°	34°	25°
C	EX144T2 S CNL	15kW	64 A	6 AWG	68°	51°	41°	34°	25°
C	EX190T2 CNL	19kW	80 A	4 AWG	+	65°	52°	43°	32°
C	EX190T2 EE CNL	19kW	80 A	4 AWG	+	65°	52°	43°	32°
C	EX190T2 FS CNL	19kW	80 A	4 AWG	+	65°	52°	43°	32°
C	EX190T2 S CNL	19kW	80 A	4 AWG	+	65°	52°	43°	32°
C	EX1608T2 CNL	16.6kW	80 A	4 AWG	75°	57°	45°	38°	28°
C	EX1608T2 EE CNL	16.6kW	80 A	4 AWG	75°	57°	45°	38°	28°
C	EX1608T2 FS CNL	16.6kW	80 A	4 AWG	75°	57°	45°	38°	28°
C	EX1608T2 S CNL	16.6kW	80 A	4 AWG	75°	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 not-to-exceed 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.