

# De-Ionized, Single Module

Stainless steel and engineered plastics for all wetted components

## Specifications

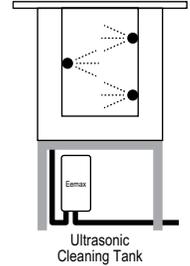
Electric Tankless Hot Water Heater

### Applications

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

### Performance 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  $\pm 1^\circ\text{F}$  outlet accuracy
- Eliminate deadlegs. Unique flow activated design allows for constant water movement, even when not heating
- Easy installation



**NO LEAD**\*

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



### Product Specifications

<b>Dimensions</b>	10 3/4"H x 5 1/4"W x 2 7/8"D
<b>Weight:</b>	Approximately 4 lbs.
<b>Fittings</b>	1/2" compression
<b>Temp Accuracy</b>	$\pm 1^\circ$ 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\_\_\_\_\_.

Enclosure to be fitted with the following features:

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

- \_\_\_\_\_ **N4** NEMA 4 waterproof cabinet w/powder coat finish
- \_\_\_\_\_ **N4X** NEMA 4 stainless steel waterproof corrosion-resistant cabinet

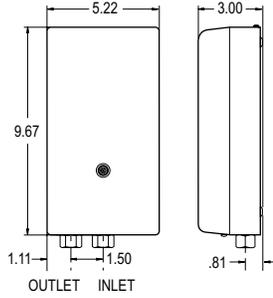
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Electric Tankless Hot Water Heater

“EX”



MODEL NUMBER	kW	AMPS	RECOMMENDED WIRE SIZE (CU)	TEMPERATURE RISE °F				
				0.5 GPM	0.75 GPM	1.0 GPM	1.5 GPM	2.0 GPM
<b>VOLTS 120</b>								
C EX2412T DI	2.4kW	20A	10 AWG	33°	22°	16°	11°	8°
C EX3012T DI	3.0kW	25A	10 AWG	41°	27°	20°	14°	10°
C EX3512T DI	3.5kW	29A	10 AWG	48°	32°	24°	16°	12°
<b>VOLTS 240*</b>								
C EX35T DI	3.5kW	15A	14 AWG	48°	32°	24°	16°	12°
C EX48T DI	4.8kW	20A	12 AWG	64°	42°	31°	21°	16°
C EX55T DI	5.5kW	23A	10 AWG	75°	50°	38°	25°	19°
C EX65T DI	6.5kW	27A	10 AWG	–	59°	44°	30°	22°
C EX75T DI	7.5kW	32A	8 AWG	–	68°	51°	34°	26°
C EX95T DI	9.5kW	40A	8 AWG	–	87°	65°	43°	32°
<b>VOLTS 208 Single Phase</b>								
C EX8208T DI	8.3kW	40A	8 AWG	–	76°	57°	38°	28°
<b>VOLTS 277</b>								
EX3277T DI	3.0kW	11A	14 AWG	41°	27°	20°	14°	10°
EX4277T DI	4.1kW	15A	14 AWG	56°	37°	28°	18°	14°
EX60T DI	6.0kW	22A	10 AWG	–	55°	41°	27°	20°
EX80T DI	8.0kW	29A	10 AWG	–	73°	55°	36°	27°
EX90T DI	9.0kW	33A	8 AWG	–	82°	61°	41°	31°
EX100T DI	10.0kW	36A	8 AWG	–	91°	68°	46°	34°

\* 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.

“C” indicates evaluation and compliance to Underwriters Laboratories (UL) under CAN/CSA-C22.2 No. 64/No. 88.