

Series One; Thermostatic

FOR REFERENCE ONLY – See LavAdvantage™ Product Family

Specifications

Electric Tankless Water Heater

Applications

- Multi lav configurations (up to three) ideal for sensor or metering faucets (ML option - 110°F max.)
- Emergency eye wash fountains (EE option - 90°F max.)
- Dishwashers, commercial kitchens
- Low volume showers

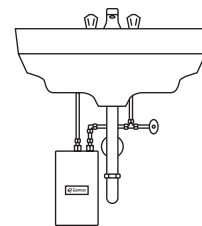
Performance Features

- Cut energy waste. Flow switch activates heater only on demand (no standby heat loss) – 99% efficient
- Save Water – “Point of Use”
- Eliminate costly mixing valves (check local codes)
- Continuous hot water. No storage capacity to run out
- Eliminate lag time in long pipe runs
- Booster up to 180°F (S option)
- Easy installation. Only one cold or hot water line need be brought to installation – integral compression fittings for 1/2” pipe (5/8” OD) on bottom (no sweat connections)
- Microprocessor temperature control for thermostatic accuracy +/-1°F. Fully adjustable temperature range between 100-140°. Special settings of higher or lower range available upon request. (see Specification Options)
- Reduces installation cost and materials. No T&P relief valve needed (check local codes)
- High temperature limit switch (ECO)
- Warranty, five (5) years limited on leaks, one (1) year parts
- Compact size fits almost anywhere for flexible installation; suitable for ADA compliant facilities

Product Specifications

Dimensions:	9.75”x 5.25”x 3”
Weight:	4 lb
Cover:	ABS UL rated 94V0
Color:	White
Std. Temperature Range:	100°F-140°F
Element:	Replaceable Ni Chrome cartridge insert
Fittings:	1/2” compression fittings at bottom of unit. (5/8” OD)
Min. Dynamic Operating Pressure:	35 PSI
Max. Dynamic Operating Pressure:	150 PSI
UL listed file number:	E86887

U.S. Patent #'s: 4,762,980 and 4,960,976



Note: For optimum performance, mounting location should be located within 2 feet of fixture.



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



Suggested Specification

Tankless water heater shall be an Eemax Thermostatic model number EX_____.

Unit shall have ABS-UL 94V0 rated cover. Element shall be replaceable cartridge insert. Unit shall have replaceable filter in the inlet connector. Element shall be iron free, Nickel Chrome material. Heater shall be fitted with 1/2” compression fittings (5/8” OD) on bottom of unit to eliminate need for soldering. Maximum operating pressure of 150 PSI. Hot water storage tanks prohibited. Unit shall be Eemax or approved equal.

Specification options to be included with EX models:

- ____ **EE** Emergency Eyewash. Meets ANSI tepid water requirements. Max. temperature 90°F
- ____ **FS** Factory Set. Customer specified factory-set not to exceed temperature ambient to 180°F
- ____ **ML** Multiple Lavatory. Factory preset to 110°F with 0.3 GPM turn on for sensor and metering faucets
- ____ **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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Specifications

Electric Tankless Water Heater

					TEMPERATURE RISE °F					
MODEL NUMBER		KW	AMPS	RECOM'D WIRE SIZE (75° C/CU)	TURN ON (GPM)	0.5 GPM	0.75 GPM	1.0 GPM	1.5 GPM	2.0 GPM
VOLTS 120										
C	EX2412T	2.4	20	12 AWG	0.3	33°	22°	16°	11°	8°
C	EX2412T EE	2.4	20	12 AWG	0.3	33°	22°	16°	11°	8°
C	EX2412T FS	2.4	20	12 AWG	0.3	33°	22°	16°	11°	8°
C	EX2412T S	2.4	20	12 AWG	0.3	33°	22°	16°	11°	8°
C	EX3012T	3.0	25	10 AWG	0.3	41°	27°	20°	14°	10°
C	EX3012T EE	3.0	25	10 AWG	0.3	41°	27°	20°	14°	10°
C	EX3012T FS	3.0	25	10 AWG	0.3	41°	27°	20°	14°	10°
C	EX3012T S	3.0	25	10 AWG	0.3	41°	27°	20°	14°	10°
C	EX3512T	3.5	29	10 AWG	0.3	48°	32°	24°	16°	12°
C	EX3512T EE	3.5	29	10 AWG	0.3	48°	32°	24°	16°	12°
C	EX3512T FS	3.5	29	10 AWG	0.3	48°	32°	24°	16°	12°
C	EX3512T ML	3.5	29	10 AWG	0.3	48°	32°	24°	16°	12°
C	EX3512T S	3.5	29	10 AWG	0.3	48°	32°	24°	16°	12°
VOLTS 240*										
C	EX35T	3.5	15	14 AWG	0.3	48°	32°	24°	16°	12°
C	EX35T (derated 208V perf.)	2.7	13	14 AWG	0.3	37°	25°	18°	12°	9°
C	EX35T EE	3.5	15	14 AWG	0.3	48°	32°	24°	16°	12°
C	EX35T FS	3.5	15	14 AWG	0.3	48°	32°	24°	16°	12°
C	EX35T ML	3.5	15	14 AWG	0.3	48°	32°	24°	16°	12°
C	EX35T S	3.5	15	14 AWG	0.3	48°	32°	24°	16°	12°
C	EX48T	4.8	20	12 AWG	0.4	66°	44°	33°	22°	16°
C	EX48T (derated 208V perf.)	3.6	17	12 AWG	0.4	49°	33°	25°	16°	12°
C	EX48T EE	4.8	20	12 AWG	0.4	66°	44°	33°	22°	16°
C	EX48T FS	4.8	20	12 AWG	0.4	66°	44°	33°	22°	16°
C	EX48T ML	4.8	20	12 AWG	0.3	66°	44°	33°	22°	16°
C	EX48T S	4.8	20	12 AWG	0.4	66°	44°	33°	22°	16°
C	EX55T	5.5	23	10 AWG	0.4	75°	50°	38°	25°	19°
C	EX55T (derated 208V perf.)	4.1	20	10 AWG	0.4	56°	37°	28°	19°	14°
C	EX55T EE	5.5	23	10 AWG	0.4	75°	50°	38°	25°	19°
C	EX55T FS	5.5	23	10 AWG	0.4	75°	50°	38°	25°	19°
C	EX55T ML	5.5	23	10 AWG	0.3	75°	50°	38°	25°	19°
C	EX55T S	5.5	23	10 AWG	0.4	75°	50°	38°	25°	19°
C	EX65T	6.5	27	10 AWG	0.7	–	59°	44°	30°	22°
C	EX65T (derated 208V perf.)	4.9	24	10 AWG	0.7	–	45°	33°	22°	17°
C	EX65T EE	6.5	27	10 AWG	0.7	–	59°	44°	30°	22°
C	EX65T FS	6.5	27	10 AWG	0.7	–	59°	44°	30°	22°
C	EX65T ML	6.5	27	10 AWG	0.3	89°	59°	44°	30°	22°
C	EX65T S	6.5	27	10 AWG	0.7	–	59°	44°	30°	22°
C	EX75T	7.5	32	8 AWG	0.7	–	68°	51°	34°	26°
C	EX75T (derated 208V perf.)	5.6	27	8 AWG	0.7	–	51°	38°	25°	19°
C	EX75T EE	7.5	32	8 AWG	0.7	–	68°	51°	34°	26°
C	EX75T FS	7.5	32	8 AWG	0.7	–	68°	51°	34°	26°
C	EX75T ML	7.5	32	8 AWG	0.3	†	68°	51°	34°	26°
C	EX75T S	7.5	32	8 AWG	0.7	–	68°	51°	34°	26°
C	EX95T	9.5	40	8 AWG	0.7	–	87°	65°	43°	32°
C	EX95T (derated 208V perf.)	7.0	34	8 AWG	0.7	–	64°	48°	32°	24°
C	EX95T EE	9.5	40	8 AWG	0.7	–	87°	65°	43°	32°
C	EX95T FS	9.5	40	8 AWG	0.7	–	87°	65°	43°	32°
C	EX95T ML	9.5	40	8 AWG	0.3	†	87°	65°	43°	32°
C	EX95T S	9.5	40	8 AWG	0.7	–	87°	65°	43°	32°
EX012240T		11.5	48	8 AWG	0.7	–	105°	79°	52°	39°
EX012240T (derated 208V perf.)		8.7	42	8 AWG	0.7	–	79°	59°	40°	30°
EX012240T EE		11.5	48	8 AWG	0.7	–	105°	79°	52°	39°
EX012240T FS		11.5	48	8 AWG	0.7	–	105°	79°	52°	39°
EX012240T ML		11.5	48	8 AWG	0.3	†	105°	79°	52°	39°
EX012240T S		11.5	48	8 AWG	0.7	–	105°	79°	52°	39°

* 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 electronically 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.

					TEMPERATURE RISE °F					
MODEL NUMBER		KW	AMPS	RECOM'D WIRE SIZE (75° C/CU)	TURN ON (GPM)	0.5 GPM	0.75 GPM	1.0 GPM	1.5 GPM	2.0 GPM
VOLTS 208 Single Phase										
C	EX3208T	3.0	15	14 AWG	0.3	41°	27°	20°	—	—
C	EX3208T ML	3.0	15	14 AWG	0.3	41°	27°	20°	—	—
C	EX4208T	4.1	20	12 AWG	0.3	56°	37°	28°	19°	14°
C	EX4208T EE	4.1	20	12 AWG	0.3	56°	37°	28°	19°	14°
C	EX4208T FS	4.1	20	12 AWG	0.3	56°	37°	28°	19°	14°
C	EX4208T ML	4.1	20	12 AWG	0.3	56°	37°	28°	19°	14°
C	EX4208T S	4.1	20	12 AWG	0.3	56°	37°	28°	19°	14°
C	EX8208T	8.3	40	8 AWG	0.7	—	76°	57°	38°	28°
C	EX8208T EE	8.3	40	8 AWG	0.7	—	76°	57°	38°	28°
C	EX8208T FS	8.3	40	8 AWG	0.7	—	76°	57°	38°	28°
C	EX8208T ML	8.3	40	8 AWG	0.3	†	76°	57°	38°	28°
C	EX8208T S	8.3	40	8 AWG	0.7	—	76°	57°	38°	28°
VOLTS 277 Single Phase										
	EX3277T	3.0	11	14 AWG	0.3	41°	—	—	—	—
	EX3277T EE	3.0	11	14 AWG	0.3	41°	—	—	—	—
	EX3277T FS	3.0	11	14 AWG	0.3	41°	—	—	—	—
	EX3277T ML	3.0	11	14 AWG	0.3	41°	—	—	—	—
	EX3277T S	3.0	11	14 AWG	0.3	41°	—	—	—	—
	EX4277T	4.1	15	14 AWG	0.3	56°	37°	28°	19°	14°
	EX4277T EE	4.1	15	14 AWG	0.3	56°	37°	28°	19°	14°
	EX4277T FS	4.1	15	14 AWG	0.3	56°	37°	28°	19°	14°
	EX4277T ML	4.1	15	14 AWG	0.3	56°	37°	28°	19°	14°
	EX4277T S	4.1	15	14 AWG	0.3	56°	37°	28°	19°	14°
	EX60T	6.0	22	10 AWG	0.7	—	55°	41°	27°	20°
	EX60T EE	6.0	22	10 AWG	0.7	—	55°	41°	27°	20°
	EX60T FS	6.0	22	10 AWG	0.7	—	55°	41°	27°	20°
	EX60T ML	6.0	22	10 AWG	0.3	82°	55°	41°	27°	20°
	EX60T S	6.0	22	10 AWG	0.7	—	55°	41°	27°	20°
	EX80T	8.0	29	10 AWG	0.7	—	73°	55°	36°	27°
	EX80T EE	8.0	29	10 AWG	0.7	—	73°	55°	36°	27°
	EX80T FS	8.0	29	10 AWG	0.7	—	73°	55°	36°	27°
	EX80T ML	8.0	29	10 AWG	0.3	†	73°	55°	36°	27°
	EX80T S	8.0	29	10 AWG	0.7	—	73°	55°	36°	27°
	EX90T	9.0	33	8 AWG	0.7	—	82°	61°	41°	31°
	EX90T EE	9.0	33	8 AWG	0.7	—	82°	61°	41°	31°
	EX90T FS	9.0	33	8 AWG	0.7	—	82°	61°	41°	31°
	EX90T ML	9.0	33	8 AWG	0.3	†	82°	61°	41°	31°
	EX90T S	9.0	33	8 AWG	0.7	—	82°	61°	41°	31°
	EX100T	10.0	36	8 AWG	0.7	—	91°	68°	46°	34°
	EX100T EE	10.0	36	8 AWG	0.7	—	91°	68°	46°	34°
	EX100T FS	10.0	36	8 AWG	0.7	—	91°	68°	46°	34°
	EX100T ML	10.0	36	8 AWG	0.3	†	91°	68°	46°	34°
	EX100T S	10.0	36	8 AWG	0.7	—	91°	68°	46°	34°

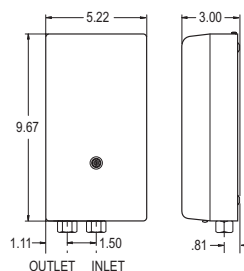
Suffix Definitions

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

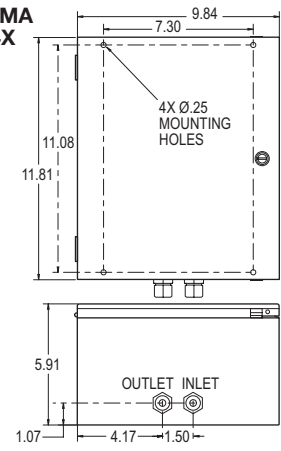
FS Factory set ambient to 180°

ML Multi lavs 0.3 turn on, staged up to 4 lavs 105°-110° temp setting

S Sanitation 180°



NEMA 4/4X



Information and product specifications contained in this document are subject to change without notice.