

Series Three™

Staged or Parallel Models (Three Heating Modules) Thermostatic Control

Specifications

Tankless Electric Water Heater

Applications

- Residential or commercial multi-fixture unit with capacity up to 4 GPM

Performance Features

- On demand hot water. Cuts energy waste. No stand-by heat loss.
- Thermostatic control. Microprocessor provides stable outlet temperatures
- Regulates power to required flow
- Continuous hot water. No storage capacity to run out
- Reduces installation cost and material. Requires only one cold water input line, no solder connections. No T&P relief valve needed (check local codes) or venting
- Easy installation with integral 3/4" NPT fittings
- Three glass-fiber 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

- T2T – Staged heating elements
- T3 – Parallel heating elements. Recommended for commercial uses only
- Factory set ambient to 180° (FS)
- Multi lavs. Staged up to 4 lavs (60°F-180°F) 110°F temp setting, 0.3 GPM turn on, aerators supplied (ML)
- Sanitation 180°F (S)
- N4, N4X (304SS) enclosures

Product Specifications

Dimensions:	15.25" x 12.25" x 4.5"
Weight:	15 lb
Cover:	Enameled Steel
Color:	White
Element:	Triple replaceable cartridge inserts. Thermostatic control (+/-1°F) accuracy at steady state
Fittings:	3/4" NPT at bottom of unit (5/8" OD) or 3/4" NPT adapter
Min. Dynamic Operating Pressure:	45 PSI
Max. Dynamic 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**.



NO LEAD

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

Assembled



In USA



Suggested Specification

Tankless water heater shall be an Eemax Series Three model number EX280_____.

Heater shall have three 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:

___ FS	Factory set ambient to 180°F
___ ML	Multi lavs 0.3 turn on. Staged up to 4 lavs 110°F temp setting
___ S	Sanitation 180°F
___ N4	NEMA 4 steel cabinet with powder coat finish
___ N4X	NEMA 4 stainless steel, corrosion-resistant cabinet

Series Three

Staged or Parallel Models (Three Heating Modules) Thermostatic Control

Specifications

Tankless Electric Water Heater

Suffix Definitions

T2T	Staged heating elements
T3	Parallel heating elements
FS	Factory set ambient to 180°F
ML	Multi lavs 0.3 turn on. Staged up to 6 lavs 105°F-110°F temp setting
S	Sanitation 180°F

MODEL NUMBER	KW	AMPS	RECOMMENDED WIRE SIZE (75° C/CU)	TURN-ON (GPM)	MAX FLOW (GPM)	TEMPERATURE RISE °F			
						2.5 GPM	3.0 GPM	4.0 GPM	5.0 GPM
VOLTS 240*									
C EX280T2T	28.5	119(3X40)	8 AWG	0.7	4.0	78°	65°	49°	-
C EX280T2T (derated 208V performance)	20.9	100(3X33)	8 AWG	0.7	4.0	57°	48°	36°	-
C EX280T2T ML	28.5	119(3X40)	8 AWG	0.3	4.0	78°	65°	49°	-
C EX280T2T FS	28.5	119(3X40)	8 AWG	0.7	4.0	78°	65°	49°	-
C EX280T2T S	28.5	119(3X40)	8 AWG	0.7	4.0	78°	65°	49°	-
C EX280T3	28.5	119(3X40)	8 AWG	2.0	5.0	78°	65°	49°	39°
C EX280T3 (derated 208V performance)	20.9	100(3X33)	8 AWG	2.0	5.0	57°	48°	36°	29°
C EX280T3 S	28.5	119(3X40)	8 AWG	2.0	5.0	78°	65°	49°	39°
C EX280T3 FS	28.5	119(3X40)	8 AWG	2.0	5.0	78°	65°	49°	39°
CNL Models									
C EX280T2T CNL	28.5	119	1 AWG	0.7	4.0	78°	65°	49°	-
C EX280T2T ML CNL	28.5	119	1 AWG	0.3	4.0	78°	65°	49°	-
C EX280T2T FS CNL	28.5	119	1 AWG	0.7	4.0	78°	65°	49°	-
C EX280T2T S CNL	28.5	119	1 AWG	0.7	4.0	78°	65°	49°	-
C EX280T3 CNL	28.5	119	1 AWG	2.0	5.0	78°	65°	49°	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.
 "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.

