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 180F° (S)
- N4, N4X (304SS) enclosures

Product Specifications

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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.**











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 cabine

C EX280T2T S CNL

C EX280T3 CNL

Tankless Electric Water Heater

TEMPERATURE RISE °F

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	WIRE SIZE (75° C/CU)	TURN-ON (GPM)	MAX FLOW (GPM)	2.5 GPM	3.0 GPM	4.0 GPM	5.0 GPM
	VOLTS 240*									
С	EX280T2T	28.5	119(3X40)	8 AWG	0.7	4.0	78°	65°	49°	-
С	EX280T2T (derated 208V performance)	20.9	100(3X33)	8 AWG	0.7	4.0	57°	48°	36°	-
С	EX280T2T ML	28.5	119(3X40)	8 AWG	0.3	4.0	78°	65°	49°	-
С	EX280T2T FS	28.5	119(3X40)	8 AWG	0.7	4.0	78°	65°	49°	-
С	EX280T2T S	28.5	119(3X40)	8 AWG	0.7	4.0	78°	65°	49°	
С	EX280T3	28.5	119(3X40)	8 AWG	2.0	5.0	78°	65°	49°	39°
С	EX280T3 (derated 208V performance)	20.9	100(3x33)	8 AWG	2.0	5.0	57°	48°	36°	29°
С	EX280T3 S	28.5	119(3X40)	8 AWG	2.0	5.0	78°	65°	49°	39°
С	EX280T3 FS	28.5	119(3X40)	8 AWG	2.0	5.0	78°	65°	49°	39°
	CNL Models									
С	EX280T2T CNL	28.5	119	1 AWG	0.7	4.0	78°	65°	49°	
С	EX280T2T ML CNL	28.5	119	1 AWG	0.3	4.0	78°	65°	49°	-
С	EX280T2T FS CNL	28.5	119	1 AWG	0.7	4.0	78°	65°	49°	-

RECOMMENDED

0.7

2.0

4.0

5.0

78°

65°

65°

49°

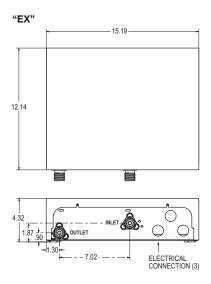
1 AWG

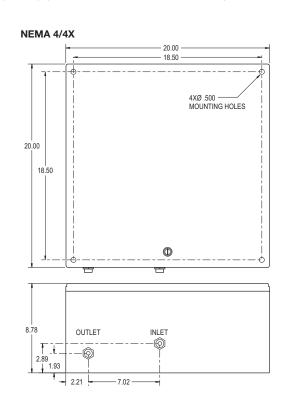
1 AWG

28.5

28.5

119





^{* 240}V 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.

[&]quot;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.