

# Series Four, Residential/Commercial

Staged or parallel models (Four heating modules) thermostatic control

## Specifications

Electric Tankless Hot Water Heater

### Applications

- Whole house unit has capacity to handle up to three showers at a time
- Multi fixture, 6 GPM max.

### Performance Features

- On demand hot water. Cuts energy waste. No stand-by heat loss. 99% efficiency rating
- Thermostatic control. Microprocessor provides precise 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
- Reduces calcification and sedimentation
- Four glass-fiber 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

### Optional Features

- T2T2 – Staged heating elements. Turn on min. flow 0.9 GPM, max. flow 6 GPM
- T4 – Parallel heating elements. Turn on min. flow 1.8 GPM, max. flow 8 GPM. Recommended for commercial uses only
- Factory set ambient to 180°F (FS)
- Sanitation 180°F (S)
- N4, N4X (304SS) enclosures

### Specifications

<b>Dimensions</b>	20 3/16" x 12 1/8" x 4 1/8"
<b>Weight</b>	23 lbs.
<b>Operating Pressure</b>	45 PSI, max. 150 PSI
<b>Cover</b>	Enameled Steel
<b>Color</b>	White
<b>Element</b>	Four replaceable cartridge inserts Thermostatic control (+/-1F°) accuracy
<b>Pipe Fitting</b>	3/4" NPT
<b>UL listed</b>	E86887

### Special Design Service

Inquiries for units for unique applications are welcome.  
Call our Technical Service department at **1-800-543-6163**.



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 "Series Four" model number EX380\_\_\_\_\_.

Heater shall have four 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:

- \_\_\_\_\_ **T2T2** Staged heating elements
- \_\_\_\_\_ **T4** Parallel heating elements
- \_\_\_\_\_ **FS** Factory set ambient to 180°F
- \_\_\_\_\_ **S** Sanitation 180°F
- \_\_\_\_\_ **N4** NEMA 4 waterproof cabinet w/powder coat finish
- \_\_\_\_\_ **N4X** NEMA 4 stainless steel waterproof corrosion-resistant cabinet

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### Suffix Definitions

- T2T2** Staged heating elements  
**T4** Parallel heating Elements  
**FS** Factory set ambient to 180°F  
**S** Sanitation 180°F

MODEL NUMBER				TEMPERATURE RISE °F						
				2.5 GPM	3.0 GPM	4.0 GPM	5.0 GPM	6.0 GPM	8.0 GPM	
VOLTS 240*										
C	EX380T2T2	38kW	160(4x40)A	8 AWG per module	+	86°	65°	52°	43°	–
	EX380T2T2 (derated 208V performance)	27.9	134(4x33)A	*	76°	64°	48°	38°	32°	24°
C	EX380T2T2 FS	38kW	160(4x40)A	8 AWG per module	+	86°	65°	52°	43°	–
C	EX380T2T2 S	38kW	160(4x40)A	8 AWG per module	+	86°	65°	52°	43°	–
C	EX380T4	38kW	160(4x40)A	8 AWG per module	+	86°	65°	52°	43°	32°
C	EX380T4 (derated 208V performance)	27.9	134(4x33)A	*	76°	64°	48°	38°	32°	24°

\* 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.

