

# electric tankless hot water heater

SPECIFICATIONS

PROADVANTAGE  
Series

An Energy-Efficient, Thermostatic Temperature Controlled Tankless Heater For Commercial Applications

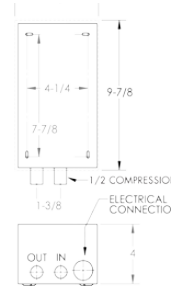
## EEMAX PROADVANTAGE UNITS



Single Module Models PA004120T, PA008208T, PA005240T, PA007240T, PA010240T, PA012240T, PA008277T, PA010277T

### SINGLE MODULE PRODUCT SPECIFICATIONS:

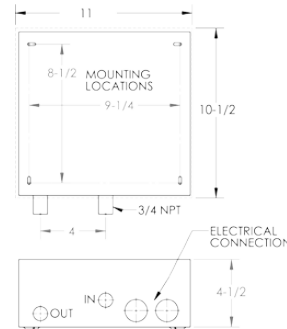
Dimensions:	9.875" H x 5.3" W x 4" D
Weight:	4.5 lbs.
Cover:	Aluminum Powder Coated
Operating Pressure:	25 min. PSI, 150 max. PSI
Element:	Single replaceable heating cartridge insert
Fittings:	1/2" compression
Temperature Control:	Digital touchpad LED, range 100°-140°F



Dual Module Models PA014240TC, PA016277TC, PA019240TC, PA020288TC, PA023240TC

### DUAL MODULE PRODUCT SPECIFICATIONS:

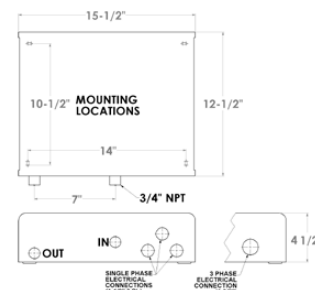
Dimensions:	10.5" H x 11" W x 4.5" D
Weight:	10.5 lbs.
Cover:	Aluminum Powder Coated
Operating Pressure:	25 min. PSI, 150 max. PSI
Element:	Dual replaceable heating cartridge insert
Fittings:	3/4" NPT
Temperature Control:	Digital touchpad LED, range 100°-140°F



Triple Module Models PA018208T2T, PA024208T2T, PA018277T2T, PA024277T2T, PA032277T2T Single Phase Model PA028240T2T

### TRIPLE MODULE PRODUCT SPECIFICATIONS:

Dimensions:	12.5" H x 15.5" W x 4.5" D
Weight:	15 lbs.
Cover:	Aluminum Powder Coated
Operating Pressure:	45 min. PSI, 150 max. PSI
Element:	Triple replaceable heating cartridge insert
Fittings:	3/4" NPT
Temperature Control:	Digital touchpad LED, range 100°-140°F



## QUALITY FEATURES

- **Cut Energy Waste** - Flow switch activates heater only on demand (no standby heat loss) 99% efficient.
- **Save Water** - "Point of Use".
- **Continuous Hot Water** - No storage capacity to run out.
- **Easy Installation** - Only one cold or hot water line is needed for installation - 3/4" NPT water fittings (except 1 module units use 1/2" compression fittings).
- **Reduces Calcification, Liming and Sedimentation.**
- **External Digital Temp Control** - Delivers desired temp

- **Reduces Installation Cost and Material** - No T & P relief valve needed (check local codes) or venting.
- **Field Serviceable Element** - Replaceable cartridge element (1 year warranty).
- **Warranty** - Heaters are guaranteed against failure due to leaks of "Heater Body/Element Assembly" for a period of FIVE YEARS and ONE YEAR on parts.
- **LEED Credits Available**
- **Aluminum Powder Coated Exterior**



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**eemax.com**



\*The wetted surface of this product contacted by water contains less than 0.25% lead and meets California and Vermont Lead Free laws.



		VOLTAGE	POWER (kW)	SUPPLY CIRCUITS REQUIRED	RECOMMENDED WIRE SIZE	TURN-ON (GPM)	MAX EFFECTIVE FLOW (GPM)	COMPRESSION FITTINGS	NPT FITTINGS	TEMPERATURE RISE (°F)							
										AT 0.5 GPM (F)	AT .75 GPM (F)	AT 1.0 GPM (F)	AT 1.5 GPM (F)	AT 2.0 GPM (F)	AT 2.5 GPM (F)	AT 3.0 GPM (F)	AT 4.0 GPM (F)
<b>EEMAX PROADVANTAGE PRODUCT LINE</b>																	
<b>SINGLE PHASE</b>	PA004120T	120	3.5	29A	10 AWG	0.3	2.5	1/2"	-	48°	32°	24°	16°	12°	-	-	-
	PA008208T	208	8.3	40A	8 AWG	0.7	2.5	1/2"	-	-	76°	57°	38°	28°	-	-	-
	PA005240T	240†	4.8	20A	10 AWG	0.5	2.5	1/2"	-	66°	44°	33°	22°	16°	-	-	-
	PA007240T	240†	6.5	27A	10 AWG	0.7	2.5	1/2"	-	-	59°	45°	30°	22°	-	-	-
	PA010240T	240†	9.5	40A	8 AWG	0.7	2.5	1/2"	-	-	87°	65°	43°	33°	-	-	-
	PA012240T	240†	11.5	48A	6 AWG	0.7	2.5	1/2"	-	-	105°	79°	53°	39°	-	-	-
	PA008277T	277	8.0	29A	10 AWG	0.7	2.5	1/2"	-	-	73°	55°	37°	27°	-	-	-
	PA010277T	277	10.0	36A	10 AWG	0.7	2.5	1/2"	-	-	91°	69°	46°	34°	-	-	-
	PA014240TC	240†	15.0	64(2x32)A	8 AWG	0.7	3.0	-	3/4"	-	-	103°	68°	51°	41°	34°	26°
	PA016277TC	277	16.0	58(2x29)A	10 AWG	0.7	3.0	-	3/4"	-	-	110°	74°	55°	44°	37°	27°
	PA019240TC	240†	19.0	80(2x40)A	8 AWG	0.7	3.0	-	3/4"	-	-	-	86°	65°	52°	43°	33°
	PA020277TC	277	20.0	72(2x36)A	8 AWG	0.7	3.0	-	3/4"	-	-	-	92°	69°	55°	46°	34°
	PA023240TC	240†	23.0	96(2x48)A	6 AWG	0.7	3.0	-	3/4"	-	-	-	106°	79°	63°	53°	39°
	PA028240T2T	240†	28.5	120(3x40)A	8 AWG	0.7	4.0	-	3/4"	-	-	-	-	96°	77°	64°	48°
<b>THREE PHASE</b>	PA018208T2T	208*	18.0	50A/phase	6 AWG	0.7	4.0	-	3/4"	-	-	-	82°	62°	49°	41°	31°
	PA024208T2T	208*	24.0	67A/phase	6 AWG	0.7	4.0	-	3/4"	-	-	-	110°	82°	66°	55°	41°
	PA018277T2T	480Y/277**	18.0	22A/phase	10 AWG	0.7	4.0	-	3/4"	-	-	-	82°	62°	49°	41°	31°
	PA024277T2T	480Y/277**	24.0	29A/phase	10 AWG	0.7	4.0	-	3/4"	-	-	-	110°	82°	66°	55°	41°
	PA032277T2T	480Y/277**	32.0	39A/phase	8 AWG	0.7	4.0	-	3/4"	-	-	-	-	110°	88°	73°	55°

\* Delta — No Neutral Leg    \*\* Wye — Neutral Leg Required    † 240V Units Can Be Used on 208V with 25% Reduced Temperature Output

**SUGGESTED SPECIFICATION**

Tankless Water Heater shall be an Eemax Thermostatic Model, with digital microprocessing temperature control capable of maintaining outlet temperature.

\_\_\_\_\_, with \_\_\_\_\_ kW, \_\_\_\_\_ vac, and \_\_\_\_\_ to heat \_\_\_\_\_ GPM @ \_\_\_\_\_

MODEL #                      kW RATING                      VOLTAGE                      AMPERAGE

a temperature rise of \_\_\_\_ degrees F. Unit shall have 6061-T6 Aircraft Alloy cover. Element shall be replaceable cartridge insert. Unit shall have replaceable filter in the inlet connector. Element shall be Nickel Chrome material. Maximum operating pressure of 150 PSI. Hot water storage tanks prohibited. Unit shall be Eemax or approved equal.

**EEMAX SUBMITTAL**

Engineer/Architect: \_\_\_\_\_

Job Name/Customer: \_\_\_\_\_

Location: \_\_\_\_\_

Contractor: \_\_\_\_\_

Representative: \_\_\_\_\_

HEATER SPECIFICATIONS:

ProAdvantage Model #	Quantity	kW	Voltage	AMPS	GPM

**SPECIAL DESIGN SERVICE**  
 INQUIRIES FOR UNITS FOR UNIQUE APPLICATIONS ARE WELCOME. CALL OUR TECHNICAL SERVICE DEPT. **1-800-543-6163**.



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\* The wetted surface of this product contacted by water contains less than 0.25% lead and meets California and Vermont Lead Free laws.  
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