

# ProAdvantage

Digital Microprocessing Temperature Control for Commercial and Industrial Applications

## Specifications

Electric Tankless Hot Water Heater

### Performance 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 single module units use 1/2” compression fittings)
- External digital temp control
- Reduces installation cost and material. No T&P relief valve needed (check local codes) or venting
- Warranty, five (5) years limited on leaks, one (1) year parts
- Aluminum powder coated exterior

### 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 ProAdvantage model number PA\_\_\_\_\_

Eemax ProAdvantage model, with digital microprocessing temperature control capable of maintaining outlet temperature. Element shall be replaceable cartridge insert. Unit shall have replaceable filter in the inlet connector. Element shall Nickel Chrome material. Maximum operating pressure of 150 PSI. Hot water storage tanks prohibited. Unit shall be Eemax or approved equal.



Single Module



Dual Module



Triple Module



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## Specifications

Electric Tankless Hot Water Heater

### Product Specifications

#### Single Module Models

PA004120T, PA008208T, PA005240T, PA007240T, PA010240T, PA012240T, PA008277T, PA010277T

**Dimensions:** 9.875" x 5.375" x 4"

**Weight:** 4.5 lb

**Cover:** Aluminum Powder Coated

**Rated Pressure:** 25 PSI min. 150 PSI max.

**Element:** Single replaceable heating cartridge insert

**Fittings:** 1/2" compression

**Temp Control:** Digital touchpad LED, range 100°F-140°F

#### Dual Module Models

PA014240TC, PA016277TC, PA019240TC, PA020288TC, PA023240TC

**Dimensions:** 10.5" x 11" x 4.5"

**Weight:** 10.5 lb

**Cover:** Aluminum Powder Coated

**Rated Pressure:** 25 PSI min. 150 PSI max.

**Element:** Dual replaceable heating cartridge insert

**Fittings:** 3/4" NPT

**Temp Control:** Digital touchpad LED, range 100°F-140°F

#### Triple Module Models

PA018208T2T, PA024208T2T, PA018277T2T, PA024277T2T, PA032277T2T,

**SINGLE PHASE MODEL PA028240T2T**

**Dimensions:** 12.5" x 15.5" x 4.5"

**Weight:** 15 lb

**Cover:** Aluminum Powder Coated

**Rated Pressure:** 45 PSI min. 150 PSI max.

**Element:** Triple replaceable heating cartridge insert

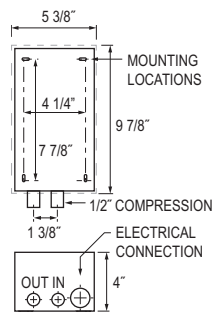
**Fittings:** 3/4" NPT

**Temp Control:** Digital touchpad LED, range 100°F-140°F

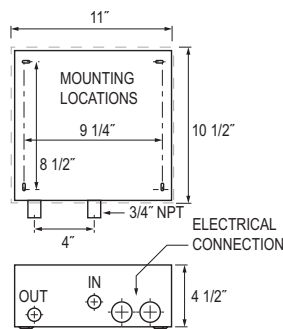
MODEL NUMBER	KW	AMPS	RECOMMENDED WIRE SIZE (CU)	MIN. FLOW (GPM)	MAX. FLOW (GPM)	TEMPERATURE RISE °F							
						0.5 GPM	0.75 GPM	1.0 GPM	1.5 GPM	2.0 GPM	2.5 GPM	3.0 GPM	
<b>SINGLE PHASE 120V – Approximate Weight 4.5 lbs.</b>													
C PA004120T	3.5	29	10 AWG	0.3	2.5	48°	32°	24°	16°	12°	–	–	
<b>SINGLE PHASE 208V – Approximate Weight 4.5 lbs.</b>													
C PA008208T	8.3	40	8 AWG	0.7	2.5	–	76°	57°	38°	28°	–	–	
<b>SINGLE PHASE 240V* – Approximate Weight 4.5 lbs.</b>													
C PA005240T	4.8	20	10 AWG	0.5	2.5	66°	44°	33°	22°	16°	–	–	
C PA005240T (derated 208V performance)	3.6	17	*	0.5	2.5	49°	33°	25°	16°	–	–	–	
C PA007240T	6.5	27	10 AWG	0.7	2.5	–	59°	44°	30°	22°	–	–	
C PA007240T (derated 208V performance)	4.9	24	*	0.7	2.5	–	45°	33°	22°	–	–	–	
C PA010240T	9.5	40	8 AWG	0.7	2.5	–	87°	65°	43°	32°	–	–	
C PA010240T (derated 208V performance)	7.0	34	*	0.7	2.5	–	64°	48°	32°	24°	–	–	
C PA012240T	11.5	48	6 AWG	0.7	2.5	–	105°	79°	52°	39°	–	–	
C PA012240T (derated 208V performance)	8.7	42	*	0.7	2.5	–	79°	59°	40°	30°	–	–	
<b>SINGLE PHASE 240V* – Approximate Weight 10.5 lbs.</b>													
C PA014240TC	15.0	64(2x32)	8 AWG	0.7	3.0	–	†	102°	68°	51°	41°	34°	
C PA014240TC (derated 208V performance)	11.2	52(2x27)	*	0.7	3.0	–	†	102°	76°	51°	38°	31°	25°
C PA019240TC	19.0	80(2x40)	8 AWG	0.7	3.0	–	†	†	87°	65°	52°	43°	
C PA019240TC (derated 208V performance)	14.0	68(2x34)	*	0.7	3.0	–	†	†	96°	64°	48°	38°	32°
C PA023240TC	23.0	96(2x48)	6 AWG	0.7	3.0	–	†	†	105°	79°	63°	52°	
C PA023240TC (derated 208V performance)	17.3	83(2x42)	*	0.7	3.0	–	†	†	79°	59°	47°	39°	
<b>SINGLE PHASE 240V* – Approximate Weight 15 lbs.</b>													
C PA028240T2T	28.5	120(3x40)	6 AWG	0.7	4.0	–	†	†	†	97°	78°	65°	
C PA028240T2T (derated 208V performance)	20.9	100(3x33)	*	0.7	4.0	–	†	†	95°	71°	57°	48°	
<b>SINGLE PHASE 277V – Approximate Weight 4.5 lbs.</b>													
C PA008277T	8.0	29	10 AWG	0.7	2.5	–	73°	55°	36°	27°	–	–	
C PA010277T	10.0	36	10 AWG	0.7	2.5	–	91°	68°	46°	34°	–	–	
<b>SINGLE PHASE 277V – Approximate Weight 10.5 lbs.</b>													
C PA016277TC	16.0	58(2x29)	10 AWG	0.7	3.0	–	†	†	73°	55°	44°	36°	
C PA020277TC	20.0	72(2x36)	6 AWG	0.7	3.0	–	†	†	91°	68°	55°	46°	
<b>THREE PHASE 208V/3 Ø" – Approximate Weight 15 lbs.</b>													
C PA018208T2T	18.0	50A/phase	6 AWG	0.7	4.0	–	†	†	82°	61°	49°	41°	
C PA024208T2T	24.0	67A/phase	6 AWG	0.7	4.0	–	†	†	82°	66°	55°	–	
<b>THREE PHASE 480V/277V** – Approximate Weight 15 lbs.</b>													
C PA018277T2T	18.0	22A/phase	10 AWG	0.7	4.0	–	†	†	82°	61°	49°	41°	
C PA024277T2T	24.0	29A/phase	10 AWG	0.7	4.0	–	†	†	82°	66°	55°	–	
C PA032277T2T	32.0	39A/phase	6 AWG	0.7	4.0	–	†	†	†	†	87°	73°	

\* 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.  
 ‡ Delta – No Neutral Leg  
 †† Wye – Neutral Leg Required  
 \*C\* indicates evaluation and compliance to either Underwriters Laboratories (UL) or Intertek (ETL) under CAN/CSA-C22.2 No. 64/No.88.

Single Module



Dual Module



Triple Module

