ProAdvantage™

Digital Microprocessing Temperature Control for Commercial and Industrial Applications

Specifications
Tankless Electric Water Heater

Performance Features

- Cut Energy Waste. Flow switch activates heater only on demand (no standby heat loss)
- 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
- Field serviceable replaceable cartridge element
- Aluminum powder coated exterior

Product Specifications

Cover:	Aluminum Powder Coated
Temperature Control:	Range 100°F-140°F, digital touchpad LED
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 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

Intertek

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

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Single Module Models

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

Dimensions:	9.875″ x 5.375″ x 4″
Weight:	4.5 lb
Rated Pressure:	25 PSI min 150 PSI max
Element:	Single replaceable heating cartridge insert
Fittings:	1/2″ compression

Dual Module Models

PA014240TC, PA016277TC, PA019240TC, PA020277TC, PA023240TC

Dimensions:	10.5″ x 11″x 4.5″
Weight:	10.5 lb
Rated Pressure:	25 PSI min 150 PSI max
Element:	Dual replaceable heating cartridge insert
Fittings:	3/4″ NPT

Triple Module Models

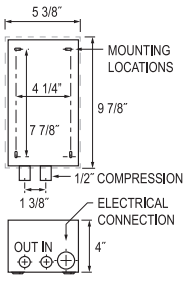
PA018208T2T, PA024208T2T, PA018277T2T, PA024277T2T, PA032277T2T, Single Phase Model PA028240T2T

Dimensions:	12.5″ x 15.5″ x 4.5″
Weight:	15 lb
Rated Pressure:	25 PSI min 150 PSI max
Element:	Triple replaceable heating cartridge insert
Fittings:	3/4″ NPT

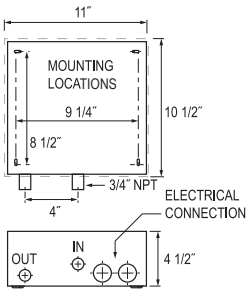
	MODEL NUMBER	kW	TOTAL AMP DRAW	CIRCUITS REQUIRED X BREAKER SIZE	TURN ON (GPM)	RECOMMENDED WIRE SIZE (75° C/CU)	MAX FLOW GPM	TEMPERATURE RISE °F 0.5 GPM	1.0 GPM	1.5 GPM	2.0 GPM	2.5 GPM	3.0 GPM	4.0 GPM
	VOLTS 120													
C	**PA004120T**	3.5	29	(1x30)	0.3	10 AWG	2.5	48°	24°	16°	12°	10°	–	–
	VOLTS 208 Single Phase													
C	**PA008208T**	8.3	39	(1x40)	0.7	8 AWG	2.5	–	57°	38°	28°	23°	–	–
	VOLTS 240*													
C	**PA005240T**	4.8	20	(1x20)	0.5	12 AWG	2.5	66°	33°	22°	16°	13°	–	–
	PA005240T (derated 208V performance)	3.6	17	(1x20)	0.5	12 AWG	2.5	49°	25°	16°	12°	10°	–	–
C	**PA007240T**	6.5	27	(1x30)	0.7	10 AWG	2.5	–	44°	30°	22°	18°	–	–
	PA007240T (derated 208V performance)	4.9	24	(1x30)	0.7	10 AWG	2.5	–	33°	22°	17°	13°	–	–
C	**PA010240T**	9.5	40	(1x40)	0.7	8 AWG	2.5	–	65°	43°	32°	26°	–	–
	PA010240T (derated 208V performance)	7.0	34	(1x40)	0.7	8 AWG	2.5	–	48°	32°	24°	19°	–	–
C	**PA012240T**	11.5	48	(1x50)	0.7	8 AWG	2.5	–	79°	52°	39°	31°	–	–
	PA012240T (derated 208V performance)	8.7	42	(1x50)	0.7	8 AWG	2.5	–	59°	40°	30°	24°	–	–
C	**PA014240TC**	15.0	64	(2x40)	0.7	8 AWG	3.0	–	102°	68°	51°	41°	34°	–
	PA014240TC (derated 208V performance)	11.2	52	(2x30)	0.7	10 AWG	3.0	–	76°	51°	38°	31°	25°	–
C	**PA019240TC**	19.0	80	(2x40)	0.7	8 AWG	3.0	–	†	87°	65°	52°	43°	–
	PA019240TC (derated 208V performance)	14.0	68	(2x40)	0.7	8 AWG	3.0	–	96°	64°	48°	38°	32°	–
C	**PA023240TC**	23.0	96	(2x50)	0.7	8 AWG	3.0	–	†	105°	79°	63°	52°	–
	PA023240TC (derated 208V performance)	17.3	83	(2x50)	0.7	8 AWG	3.0	–	†	79°	59°	47°	39°	–
C	**PA028240T2T**	28.5	118	(3x40)	0.7	8 AWG	4.0	–	†	†	97°	78°	65°	49°
	PA028240T2T (derated 208V performance)	20.9	100	(3x40)	0.7	8 AWG	4.0	–	†	95°	71°	57°	48°	36°
	VOLTS 277 Single Phase													
	PA008277T	8.0	29	(1x30)	0.7	10 AWG	2.5	–	55°	36°	27°	22°	18°	–
	PA010277T	10.0	36	(1x40)	0.7	8 AWG	2.5	–	68°	46°	34°	27°	23°	–
	PA016277TC	16.0	58	(2x30)	0.7	10 AWG	3.0	–	†	73°	55°	44°	36°	–
	PA020277TC	20.0	72	(2x40)	0.7	8 AWG	3.0	–	†	91°	68°	55°	46°	–
	VOLTS 208 Three Phase Delta													
C	**PA018208T2T**	18.0	50/phase		0.7	8 AWG	4.0	–	†	82°	82°	49°	41°	31°
C	**PA024208T2T**	24.0	67/phase		0.7	4 AWG	4.0	–	†	†	82°	66°	55°	41°
	VOLTS 480Y/277 Three Phase Wye - neutral leg required													
	PA018277T2T	18.0	22/phase		0.7	10 AWG	4.0	–	†	82°	61°	49°	41°	31°
	PA024277T2T	24.0	29/phase		0.7	10 AWG	4.0	–	†	†	82°	66°	55°	41°
	PA032277T2T	32.0	39/phase		0.7	8 AWG	4.0	–	†	†	†	87°	73°	55°

*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 temperature.
"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