

Applications

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|---|---------------|
| ▪ Showerheads | 2.0 GPM max* |
| ▪ Low-flow Shower Heads | 1.8 GPM max** |
| ▪ Kitchen Faucets (residential) | 1.8 GPM max* |
| ▪ Lavatory Faucets (residential) | 1.5 GPM max* |
| ▪ Lavatory Faucets (other than residential) | 0.5 GPM max* |

* as per 2021 Uniform Plumbing Code guidelines

** as per 2022 California Green Buildings Standards Code

Features

- Instant, consistent, and endless hot water
- Protected internal temperature control
- Copper immersion heating elements with brass top increases durability and are threaded for easy replacement
- Simple Installation
- Internal temperature control adjustable in increments of 1°F
- 8-13 kW units: Temperature range 80°-140°F
- 18-36 kW units: Temperature range 80°-180°F

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 ProSeries model number PR_____.

Unit shall have copper clad immersion heating element(s) with brass terminations for increased durability. Temperature control and display to be internal to the unit, and adjustable in 1°F increments with a range of 80°-140°F; 80°-180°F on 18-36kW units. Display shall be capable of displaying setpoint temperature in Celsius or Fahrenheit temperature scales. Unit shall utilize a flow meter with a 0.3 GPM activation point and manage power based on actual flow rate and inlet temperature. Values to be processed 60 times per second. Unit shall be certified lead free, certified to UL499 and CSA-C22.2 No. 64.



PR008240/PR011240/PR13240



PR018240



PR024240/PR027240



PR036240



TEMPERATURE RISE °F

MODEL NUMBER	KW	TOTAL AMP DRAW	CIRCUITS REQUIRED X BREAKER SIZE	TURN ON (GPM)	RECOMMENDED WIRE SIZE (75° C/CU)	MAX FLOW GPM	0.5 GPM	1.0 GPM	1.5 GPM	2.0 GPM	2.5 GPM	3.0 GPM	4.0 GPM	5.0 GPM	6.0 GPM
Volts 240 or 208 single phase only††															
PR008240	8.0	33	(1x40)	0.3	8 AWG	4.8	109°	55°	36°	27°	22°	18°	14°	11°	—
PR008240 (derated 208V performance)	6.0	29	(1x40)	0.3	10 AWG	4.8	82°	41°	27°	20°	16°	14°	10°	—	—
PR011240	11.0	46	(1x50)	0.3	8 AWG	4.8	†	75°	50°	38°	30°	25°	19°	15°	—
PR011240 (derated 208V performance)	8.3	40	(1x50)	0.3	8 AWG	4.8	†	56°	38°	28°	23°	19°	14°	—	—
PR013240	13.0	54	(1x60)	0.3	8 AWG	4.8	†	89°	59°	44°	36°	30°	22°	18°	15°
PR013240 (derated 208V performance)	9.8	47	(1x60)	0.3	8 AWG	4.8	†	67°	45°	34°	27°	22°	17°	—	—
PR018240	18.0	75	(2x40)	0.3	8 AWG	7.0	†	123°	82°	61°	49°	41°	31°	25°	20°
PR018240 (derated 208V performance)	13.5	65	(2x40)	0.3	8 AWG	7.0	†	92°	62°	46°	37°	31°	23°	18°	15°
PR024240	24.0	100	(3x40)	0.3	8 AWG	7.0	†	†	109°	82°	66°	55°	41°	33°	27°
PR024240 (derated 208V performance)	18.0	87	(3x40)	0.3	10 AWG	7.0	†	†	82°	62°	49°	41°	31°	25°	21°
PR027240	27.0	113	(3x40)	0.3	8 AWG	7.0	†	†	123°	92°	74°	61°	46°	37°	31°
PR027240 (derated 208V performance)	20.3	98	(3x40)	0.3	8 AWG	7.0	†	†	92°	69°	55°	46°	35°	28°	23°
PR036240	36.0	150	(4x40)	0.3	8 AWG	8.0	†	†	†	123°	98°	82°	61°	49°	41°
PR036240 (derated 208V performance)	27.0	130	(4x40)	0.3	8 AWG	8.0	†	†	†	92°	74°	62°	46°	37°	31°

* 240V units can be used on 208V single phase with approximately 25% reduced kilowatt 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 electronically limited setting on adjustable thermostat on front cover

“C” indicates evaluation and compliance to either Underwriters Laboratories (UL) or Intertek (ETL) under CAN/CSA-C22.2 No. 64/No. 88.

†† **ATTENTION:** Under no circumstances can ProSeries be connected to a 208 V or 240 V three phase load center. Connection to any three phase load center will void all warranty coverage.

Product Specifications

Dynamic Operating Pressure:

25 PSI min., 150 PSI max.

Certifications:

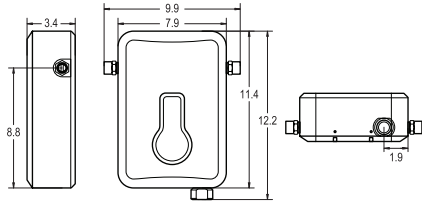
ETL Listed to UL499 and CSA-C22.2 No. 64

Temperature Stability:

+/-1° at steady state

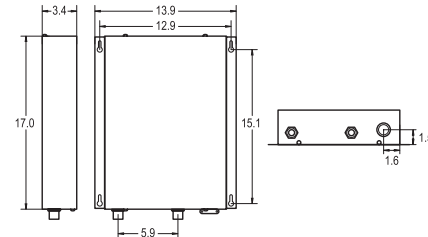
PR008240/PR011240/PR013240

Size:	11.5"H x 8"W x 3.75"D
Weight:	8 kw: 4.75 lb, 11 kw/13 kw: 7 lb
Unique Features:	Welded exchanger, 1/2" compression fittings with 1/2" NPT adapters included
Adj. Temp. Range:	80°F-140°F



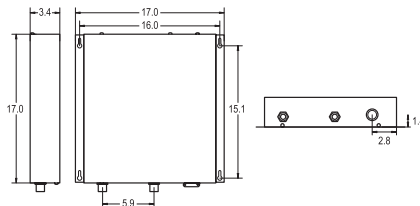
PR018240

Size:	17"H x 14"W x 3.75"D
Weight:	11.25 lb
Unique Features:	Brazed exchanger, 3/4" NPT fittings
Adj. Temp. Range:	80°F-180°F



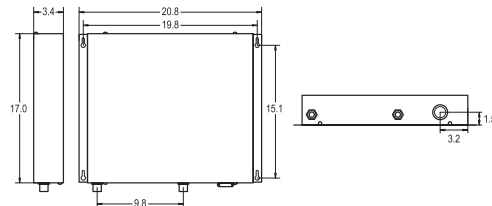
PR024240/PR027240

Size:	17"H x 17"W x 3.75"D
Weight:	13.75 lb
Unique Features:	Brazed exchanger, 3/4" NPT fittings
Adj. Temp. Range:	80°F-180°F



PR036240

Size:	17"H x 21"W x 3.75"D
Weight:	17.4 lb
Unique Features:	Brazed exchanger, 3/4" NPT fittings
Adj. Temp. Range:	80°F-180°F



EX68031-16: Disconnect Switch Applications	Disconnects Required
PR008240, PR011240, PR013240	1
PR018240	2
PR024240, PR027240	3
PR036240	4