



Everlast Whole Home Electric Tankless Water Heaters

Job Name:	Location:
Engineer:	Wholesaler:
Mechanical Contractor:	Notes:
Model Number:	
Electrical Specifications:	

Electric Water Heater Models

- Available Wattages (kW): 18, 24, 27, 36
- Available Voltages: 240V
- Single Phase Operation
- Model Numbers: EVIWH 18-240, EVIWH 24-240, EVIWH 27-240, EVIWH 36-240
- For use as a stand-alone multi point or whole home water heater

Construction

- Stainless Steel canisters tolerate high temperatures and offer superior corrosion resistance
- Lightweight construction
- Bottom cold water inlet and hot water outlet ease installation
- Wiring knockout located on the bottom of the water heater for easy wiring and a clean installation

Long Life Electric Element / Thermostat High Limit Control

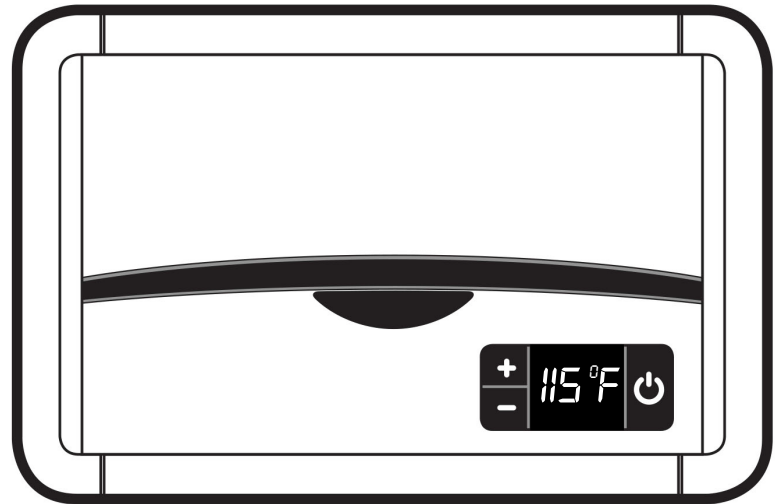
- Titanium elements provide increased corrosion resistance, reducing the chance of element burnout and providing longer service life than conventional elements
- Immersed elements allow maximum recovery efficiency and direct, 98% efficient heat transfer
- Maximum temperature capability of up to 122°F
- Quality digital LED display is easy to use
- Intelligent modulating power control ensures steady output of temperature by automatically adjusting the power as flow varies
- Fully automatic high limit controls provide overheat protection - manual reset cutoff

Additional Features

- Saves Water - Instant hot water on demand. By installing close to the point of use, no water is wasted waiting for hot water to travel through long water lines
- Up to 50% Energy Saving - energy is activated only when hot water is used
- Limited Warranty - Six (6) years coverage against inner tank leakage from the date of installation - Two (2) years coverage on component parts - Three (3) years coverage on Titanium elements
- Compact installation footprint - May be installed underneath or near the points of use to allow for short hot water lines
- Wall Mounted for Installation Flexibility (Wall Hanging Bracket Included)

Certifications and Ratings Efficiency

- UL Design Certified to meet the UL 499 Electric Heating Appliances Standard
- CSA Design Certified to meet the CSA 22.2 Household Cooking and Liquid-Heating Appliances Standard
- Lead Free compliant per the Safe Drinking Water Act, Section 1417



Applications

Commercial / Industrial

- Office Buildings / Warehouses
- Malls and stores
- Food trucks / Restaurants
- Gas Stations
- Hotels/Motels
- Schools

Residential

- Bathroom sinks
- Kitchen and Laundry Sinks
- RVs / Mobile Homes
- Cabins / Cottages



NOTE: The manufacturer reserves the right to make product changes or updates without notice and will not be held liable for typographical errors in literature.

Technical Data		All Models
Minimum Water Flow to Activate Unit		0.5 gpm
Working Pressure		7 - 150 psi (0.5 - 10 bar)
Tested Pressure		290 psi (20 bar)
Water Connections		3/4" NPT
Elements	18 - 27kW	2
	36kW	3
Dimensions	18 - 27kW	20.7" (526 mm) Width x 13.3" (339 mm) Height x 4.5" (114 mm) Depth
	36kW	25" (636 mm) Width x 13.3" (339 mm) Height x 4.5" (114 mm) Depth
Weight (Empty)	18 - 27kW	12.17 lb (5.52 kg)
	36kW	16.23 lb (7.36 kg)
Temperature Range		86 - 122°F (30 - 50°C)

Temperature Rise Δt (°F)	Flow Rate (GPM)			
	18kw	24kw	27kW	36kW
35	3.51	4.68	5.26	7.02
45	2.73	3.64	4.09	5.46
77	1.59	2.12	2.39	3.19

Model	*Wattage (kW)	Max Amperage	Required Breaker(s)	Required Wire Size
18kW	18	75	3 x 30A Double Pole	3 x 10 AWG w/ Ground
24kW	24	100	3 x 40A Double Pole	3 x 8 AWG w/ Ground
27kW	27	112.5		
36kW	36	150	4 x 40A Double Pole	4 x 8 AWG w/ Ground

Table 1 - Technical Specifications - *Wattage based on maximum voltage.

Typical Specifications

The water heater shall be an HTP model # _____ with an input of _____ kilowatts at _____ maximum amps, a flow rate of GPM at _____°F temperature rise, The water heater will be equipped for 240 volts, single phase operation.

The canisters shall be constructed of stainless steel, and have a maximum working pressure of 150 PSI (1,034 kPA). The water heater shall be design certified by UL to meet the UL 499 Electric Heating Appliances Standard, and by CSA to meet the CSA 22.2 Household Cooking and Liquid-Heating Appliances Standard.

The water heater shall be equipped with a digital display with manual reset high limit safety control, and an electric junction box located inside. A removable front cover allows access.

Water heaters shall be covered by a six (6) year limited warranty against inner tank leakage from the date of installation, two (2) years coverage on component parts, and three (3) years coverage on titanium elements. See product warranty for details.

The surfaces of these products contacted by consumable water contain less than 0.25% lead by weight, as required by the Safe Drinking Water Act, Section 1417.

Maximum unit dimensions shall be _____ Width, _____ Height, and _____ Depth. Maximum unit weight (empty) shall be _____ lb (_____ kg).