ecosmart™
TANKLESS WATER HEATERS

Sharing the Warmth™

EcoSmart™ Water Heater Booster for Tankless Electric Water Heaters

Increase available hot water by up to 60%.[1] Get 15 minutes or more of extra shower time.[2]

Water Heater Booster extends the amount of hot water when a tank alone can't keep up with the demand.



ECOTB240

HIGH EFFICIENCY

- .96 UEF and advanced self-modulating technology only consumes the power needed to satisfy hot water demand

PERFORMANCE

- Control dial allows precise 1-degree temperature adjustment from 60°F to 140°F (15°C to 60°C)

FLEXIBLE INSTALLATION

- Mounts on the tank's hot water outlet or on a nearby wall to maximize space
- Compatible with both electric and gas water heaters
- Includes a 3 ft, 10 AWG wire for use with standard electric water heater tanks. Additional electrical work may be required for gas, smart electric, and heat pump water heaters

PLUS...

- LED home screen clearly displays the set point temperature on startup for easy setup and operation
- Easy to feed electrical wire entry port on the backplate provides an easy setup, creating less strain on the wire
- Metal 3/4" NPT water connections help maintain consistent water pressure and temperature reducing pressure drop issues
- Flow Meter menu monitors water flow (GPM) to help maintain a steady outlet temperature, provided demand does not exceed the heating capacity
- Load Factor menu monitors the inlet temperature, set point, and water flow to display the percentage of power the unit uses during operation
- Vacation/Away mode turns the water heater off and then automatically back on after the number of days selected

WARRANTY

- Limited Warranty – 5-Year Leak, 1-Year Parts

See Certificate of Limited Warranty for more information.

AHRI CERTIFIED

Intertek

LOW LEAD CONTENT

TANKLESS ELECTRIC SPECIFICATIONS & MINIMUM REQUIREMENTS

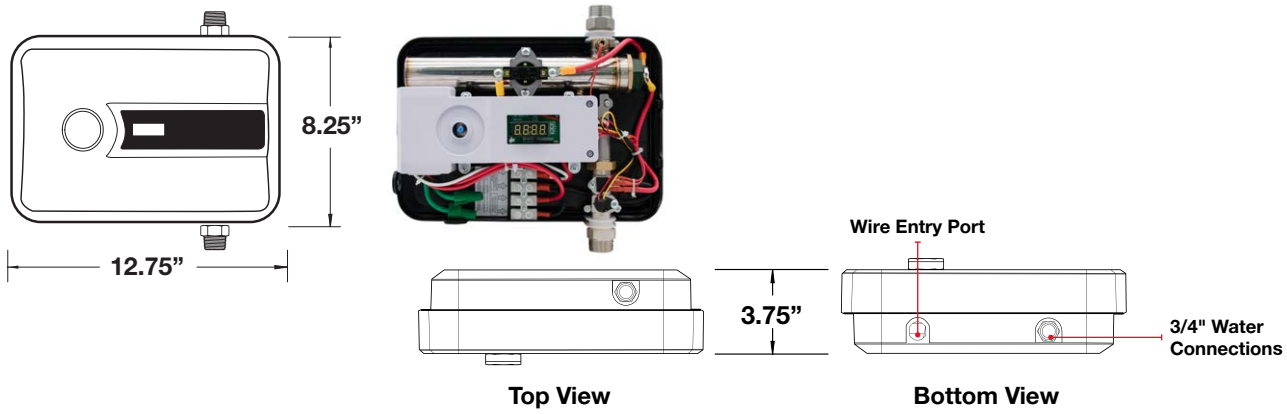
Model #	ECOTB240	
Power (kW)	7.2	5.4
Voltage	240	208
Total Unit Amperage (AMPS)	30 A Max	26 A
Required Number of Dedicated Circuit Breakers	30 A Double Pole*	30 A Double Pole*
Phase	1	1
Uniform Energy Factor (UEF)	0.96	0.96
Required Wire (75°C Insulation)	10 AWG**	10 AWG**
Water Connections	3/4" NPT	3/4" NPT
Dimensions	8.25"H x 12.75"W x 3.75"D	8.25"H x 12.75"W x 3.75"D
Weight	5.1 lbs.	5.4 lbs.
Operating Pressure	Minimum: 35 PSI I Maximum: 150 PSI	Minimum: 35 PSI I Maximum: 150 PSI
Flow Activation Rate (GPM)	0.35 GPM	0.3 GPM

NOTE: 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.

**DP - Double Pole. Sold separately. Required for Installation on gas, smart electric and heat pump water heater tanks.*
***AWG - American Wire Gauge. Includes a 3 ft, 10 AWG wire for use with standard electric water heater tanks only. Installation of gas, smart electric and heat pump water heater tanks may require additional wiring. Additional electrical work may be required for gas, smart electric, and heat pump water heaters.*

[1]Water Heater Booster can increase the hot water delivery capacity of electric water heater tanks to deliver water at 98°F or hotter by as much as 60% for a 2.5 GPM standard showerhead. Standard showerheads use 2.5 gallons of water per minute (GPM) www.epa.gov/watersense/showerheads. [2]Water Heater Booster can extend the duration of delivery of water from a 40-gallon or higher capacity electric standard water heater tank at 98°F or hotter to 1.5 and 2.5 GPM showerheads by 19.6 and 15.1 minutes, respectively. According to testing by an independent test agency.

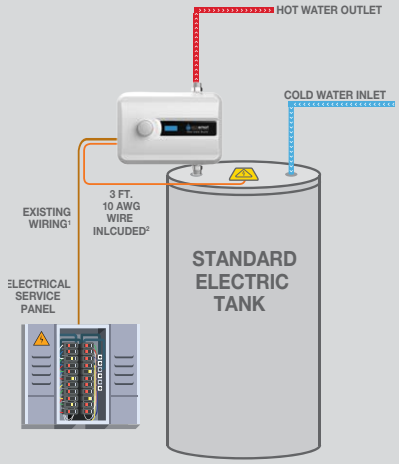
Water Heater Booster ECOTB240



EXAMPLE OF WATER HEATER BOOSTER INSTALLED ON AN EXISTING OR NEW WATER HEATER TANK

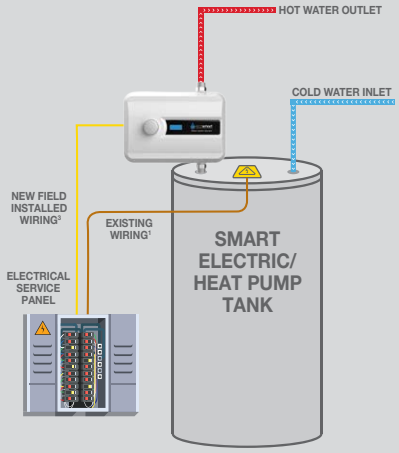
STANDARD ELECTRIC TANK*

Water Heater Booster installation uses the existing circuit breaker.



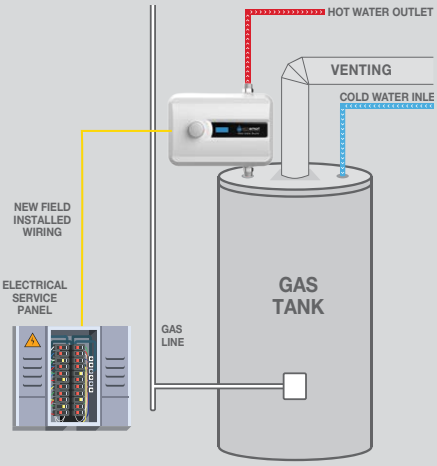
SMART ELECTRIC/HEAT PUMP TANK*

Water Heater Booster installation requires a separate circuit breaker.



GAS TANK*

Water Heater Booster installation requires a separate circuit breaker.



¹The existing wiring is the previous hardwired connection to the water heater tank junction box. ²Water Heater Booster includes a 3 ft, 10 AWG wire is for use with standard electric water heater tanks only. ³Sold separately. Add a separate circuit breaker wiring from the electrical service panel to water heater booster.

See Use and Care Manual for installation instructions.

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EcoSmart™ is a member of the Rheem® family of brands.

5/26 Form No. ECOS-ECOTB240