

EcoSmart ECOMINI6

EcoSmart ECOMINI6 Electric Mini Tank Water Heater Instruction Manual

1. PRODUCT OVERVIEW

The EcoSmart ECOMINI6 Electric Mini Tank Water Heater is designed to provide hot water efficiently at the point of use. Its compact design allows for installation in various locations, such as under sinks or in small utility rooms. This unit can serve as a primary hot water source for a single faucet or as a booster for an existing hot water system, reducing wait times for hot water.

Key Features:

- Sleek and compact design with digital output temperature display.
- 99.8% energy efficient.
- Manufactured in the United States.
- Operates on 12 Amps.

2. SAFETY INFORMATION

Please read and understand all instructions before installing or operating this water heater. Failure to follow these instructions could result in property damage, serious injury, or death.

- **Electrical Safety:** Ensure the unit is connected to a properly grounded 110-volt outlet. Do not use extension cords. Disconnect power before performing any maintenance or service.
- **Water Pressure:** Do not operate the unit if the water supply is off or if the unit is not completely filled with water.
- **Temperature:** Hot water can cause severe burns. Exercise caution when setting the temperature and using hot water.
- **Installation:** Installation must be performed by a qualified plumber or technician in accordance with all local plumbing and electrical codes.
- **Location:** Install the unit in a location where it is protected from freezing temperatures and where any potential leaks will not cause damage to the surrounding area.

3. INSTALLATION AND SETUP

The EcoSmart ECOMINI6 is designed for easy installation. It can be mounted on a wall or placed on a flat surface. Ensure adequate space for plumbing connections and ventilation.

3.1 Mounting

The unit is lightweight and can be wall-mounted using appropriate fasteners (not included) or placed on a sturdy, level surface. Ensure the mounting location can support the weight of the unit when full of water (approximately 24.9 lbs dry + 6 gallons * 8.34 lbs/gallon = ~75 lbs).

3.2 Plumbing Connections

Connect the cold water supply to the inlet pipe and the hot water outlet to the fixture. The unit requires a single water line connection. For booster applications, connect the unit in-line with your existing hot water supply.



Image 1: Side view of the EcoSmart ECOMINI6, illustrating the plumbing connections at the top and the electrical cord

extending from the side. This view helps in understanding how the unit integrates into a plumbing system.

3.3 Electrical Connection

Plug the unit into a standard 110-volt electrical outlet. The unit draws 12 Amps. Ensure the circuit can handle this load.



Image 2: Front view of the EcoSmart ECOMINI6, highlighting the main body, the EcoSmart logo, and the blue control panel with the temperature adjustment dial and indicator lights.

3.4 Initial Start-Up

1. Ensure all plumbing connections are secure and leak-free.
2. Open the hot water faucet at the point of use to allow air to escape from the tank.
3. Once water flows steadily from the faucet, close the faucet.
4. Plug the unit into the electrical outlet. The 'Power' indicator light will illuminate.
5. Adjust the temperature dial to your desired setting. The 'Heating' indicator light will illuminate when the

unit is actively heating water.

3.5 Installation Video

For a visual guide on the EcoSmart Mini Tank Water Heater, please refer to the official product video:

Your browser does not support the video tag.

Video 1: Official EcoSmart video demonstrating the features and installation considerations for the Mini Tank Water Heater series, including the ECOMINI6 model.

4. OPERATING INSTRUCTIONS

The EcoSmart ECOMINI6 is designed for simple operation.

4.1 Temperature Adjustment

The temperature of the water can be adjusted using the dial located on the front of the unit. Rotate the dial clockwise to increase the temperature and counter-clockwise to decrease it. Start with a moderate setting and adjust as needed to avoid excessively hot water.

4.2 Indicator Lights

- **Power Light:** Illuminates when the unit is plugged in and receiving electrical power.
- **Heating Light:** Illuminates when the unit's heating element is active and heating the water. It will turn off once the set temperature is reached.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your water heater.

- **Flushing the Tank:** Periodically flush the tank to remove sediment buildup. This frequency depends on your water quality. Turn off power and water supply, then drain the tank.
- **Inspection:** Regularly inspect the unit for any signs of leaks, corrosion, or damage to the power cord.
- **Cleaning:** Clean the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.

6. TROUBLESHOOTING

If you encounter issues with your EcoSmart ECOMINI6, refer to the following common troubleshooting steps:

- **No Hot Water:** Check if the unit is plugged in and the 'Power' light is on. Ensure the circuit breaker has not tripped. Verify the water supply is open.
- **Water Not Hot Enough:** Adjust the temperature dial to a higher setting. Allow sufficient time for the water to heat.
- **Leaks:** Turn off the water supply and power immediately. Inspect all plumbing connections for tightness. If leaks persist, contact a qualified plumber.
- **Low Water Pressure:** Check the water supply valve to ensure it is fully open. Inspect the faucet aerator for clogs.

For persistent issues, contact EcoSmart customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	EcoSmart
Model Number	ECOMINI6
Capacity	6 Gallons
Voltage	120 Volts
Wattage	1440 Watts
Amperage Capacity	12 Amps
Efficiency	99.8% energy efficient
Product Dimensions	20 x 13.8 x 14.5 inches
Item Weight	24.9 pounds
Mounting Type	Wall
Color	White


8. WARRANTY AND SUPPORT

The EcoSmart ECOMINI6 Electric Mini Tank Water Heater comes with a warranty to ensure your peace of mind.

- **Warranty Description:** 6 years limited leaks / 2 year parts.

For technical support, warranty claims, or further assistance, please contact EcoSmart customer service. Refer to the product packaging or the official EcoSmart website for the most current contact information.

Related Documents - ECOMINI6

 <p>INSTALLATION INSTRUCTIONS & HOMEOWNER'S MANUAL</p> <p>ECO 8, ECO 11, ECO 18, ECO 24, ECO 27, ECO 36</p> <p>IMPORTANT SAFETY INFORMATION</p> <p>Read and understand all safety information before installing or using this product. Failure to follow safety instructions may result in property damage, personal injury, or death. This manual contains important safety information that must be read and understood before installation and use. Please read this manual carefully and keep it for future reference.</p> <p>The manual should be kept in the immediate vicinity of the product at all times.</p>	<p>EcoSmart Tankless Water Heater Installation and Homeowner's Manual for ECO 8, 11, 18, 24, 27, 36 Models</p> <p>Comprehensive installation instructions and homeowner's manual for EcoSmart electric tankless water heaters (ECO 8, 11, 18, 24, 27, 36 models). Includes safety information, plumbing and electrical installation guides, sizing charts, maintenance tips, troubleshooting, and warranty details.</p>
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Electric Mini Tank Water Heaters
ECO MINI 1 - ECO MINI 2.5 - ECO MINI 4 - ECO MINI 6



Installation and Operating Instruction Manual

[EcoSmart Electric Mini Tank Water Heaters: Installation & Operation Manual for ECO MINI 1, 2.5, 4, 6](#)

This EcoSmart manual provides comprehensive installation and operating instructions for ECO MINI 1, ECO MINI 2.5, ECO MINI 4, and ECO MINI 6 electric mini tank water heaters. Learn about safety, technical specifications, plumbing, electrical connections, and maintenance for these point-of-use water heaters designed for hand wash and kitchen sinks.



Model	ECO MINI 1	ECO MINI 2.5	ECO MINI 4	ECO MINI 6
Capacity (GPD)	1.2	2.5	4.0	6.0
Flow Rate (GPM)	1.2	2.5	4.0	6.0
Recovery Time (min)	12	12	12	12
Power (W)	1200	1200	1200	1200
Voltage (V)	120	120	120	120
Frequency (Hz)	60	60	60	60
Weight (lb)	12	12	12	12
Dimensions (H x W x D)	12 x 12 x 12	12 x 12 x 12	12 x 12 x 12	12 x 12 x 12

Recovery Time: Time interval between two consecutive full tank refills. Recovery time is affected by water temperature, flow rate, and tank capacity.

Applications: Kitchen, Bathroom, Hand Wash, etc.

Product Attributes: Compact, Energy Efficient, Easy to Install, etc.

[EcoSmart Electric Mini Tank Water Heater Specifications and Applications](#)

Detailed specifications, recovery times, product attributes, and heating applications for EcoSmart Electric Mini Tank Water Heaters, including models ECO MINI 1, 2.5, 4, and 6.



Electric Mini Tank Water Heaters
ECO MINI 1 - ECO MINI 2.5 - ECO MINI 4 - ECO MINI 6



[EcoSmart Electric Mini Tank Water Heaters: Installation & Operation Manual](#)

Comprehensive installation and operating instructions for EcoSmart Electric Mini Tank Water Heaters (ECO MINI 1, 2.5, 4, 6). Learn about product specifications, safety, plumbing, electrical connections, and maintenance for these compact, energy-efficient point-of-use water heaters.



ECO 8 - ECO 11 - ECO 18 - ECO 24 - ECO 27 - ECO 36

INSTALLATION, OPERATION, SAFETY, AND MAINTENANCE GUIDE
FOR ECO 8, ECO 11, ECO 18, ECO 24, ECO 27, AND ECO 36 TANKLESS ELECTRIC WATER HEATERS

[EcoSmart Tankless Water Heater Installation and Owner's Manual](#)

Comprehensive installation, operation, safety, and maintenance guide for EcoSmart ECO 8, ECO 11, ECO 18, ECO 24, ECO 27, and ECO 36 tankless electric water heaters. Includes troubleshooting and warranty information.



ECO 16 - ECO 18 - ECO 21 - ECO 24 - ECO 27

INSTALLATION INSTRUCTIONS & HOMEOWNERS MANUAL
FOR ECO 16, ECO 18, ECO 21, ECO 24, AND ECO 27 TANKLESS ELECTRIC WATER HEATERS

[EcoSmart Tankless Water Heater Installation and Homeowners Manual](#)

Comprehensive installation instructions and homeowners manual for EcoSmart ECO 16, 18, 21, 24, and 27 electric tankless water heaters, covering safety, setup, operation, maintenance, and warranty.