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Model: EHT200

1. INTRODUCTION

Thank you for choosing the ECOWELL EHT200 Tower Fast Heating Electric Ceramic Heater. This manual provides important information for the safe operation, maintenance, and troubleshooting of your new heater. Please read it thoroughly before use and keep it for future reference.

The ECOWELL EHT200 is a 1500W PTC ceramic heater designed for efficient and rapid heating of indoor spaces. It features multiple heat settings, a digital thermostat, a timer function, oscillation, and convenient control options including a remote control and touch panel.

TIP-OVER PROTECTION

Auto power off if the heater tilts over 45°



Figure 1.1: ECOWELL EHT200 Tower Heater in a typical home environment.

2. IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

- Read all instructions before using this heater.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Use handles when moving this heater. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9 m) from the front of the heater and keep them away from the sides and rear.
- Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
- Always unplug heater when not in use.
- Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Discard heater, or return to authorized service facility for examination and/or repair.

- Do not use outdoors.
- This heater is not intended for use in bathrooms, laundry areas, and similar indoor locations. Never locate heater where it may fall into a bathtub or other water container.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
- To disconnect heater, turn controls to OFF, then remove plug from outlet.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
- To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
- A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable liquids are used or stored.
- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
- This heater includes a **Tip-Over Protection** feature that automatically powers off the unit if it tilts over 45 degrees.
- The heater is equipped with **Overheat Protection**, which will shut off the unit if it reaches an unsafe temperature.



Figure 2.1: Tip-Over Protection. The heater automatically shuts off if it tilts beyond 45 degrees for enhanced safety.

3. PRODUCT OVERVIEW

3.1 Components

- Main Heater Unit (Model EHT200)
- IR Remote Control
- User Manual (this document)
- Warranty Card

3.2 Features

- **Fast Heating:** Equipped with a 1500W PTC ceramic heating element for rapid heat generation within 2 seconds.
- **Multiple Heat Settings:** Offers Low Heat, High Heat, and Fan-only modes.

- **Energy Efficient:** Digital display and built-in precise temperature sensor allow for adjustable temperature settings to optimize energy consumption.
- **Quiet Operation:** Operates at less than 50dB, suitable for use in bedrooms, offices, or during quiet activities.
- **User-Friendly Controls:** Features a touch control panel with an LED display and an infrared (IR) remote control.
- **60° Oscillation:** Distributes warmth across a wider area for improved comfort.
- **1-12 Hour Timer:** Allows for scheduled operation.
- **Adjustable Thermostat:** Maintain desired room temperature.
- **Safety Features:** Includes Tip-Over Protection and Overheat Protection.
- **Portable Design:** Lightweight (3.3 lbs / 1.5 kg) with an integrated carry handle.



Figure 3.1: Product Dimensions. The heater measures 21 inches in height, 7.1 inches in width, and 7.5 inches in depth.

PTC HEATING ELEMENTS

Efficient PTC Element and Fan Ensure Rapid Heating



Figure 3.2: PTC Heating Elements. Efficient PTC ceramic elements and a fan work together to ensure rapid and consistent heating.

4. SETUP

1. Unpack the heater and all accessories from the box. Ensure all components listed in Section 3.1 are present and undamaged.
2. Place the heater on a firm, level surface. Ensure there are no obstructions within 3 feet (0.9 m) of the front, sides, and rear of the heater to allow for proper airflow and prevent fire hazards.
3. Plug the power cord into a standard 120V AC electrical outlet. Do not use extension cords or power strips.
4. The heater is now ready for operation.

5. OPERATING INSTRUCTIONS

5.1 Control Panel and Remote Control

The ECOWELL EHT200 can be operated using the touch control panel located on the top of the unit or via the included IR remote control.



LED TOUCH CONTROL PANEL IR REMOTE CONTROL

Figure 5.1: LED Touch Control Panel. The panel displays current settings and allows for direct control of all functions.

5.2 Power On/Off



- Press the **Power button** () on the control panel or remote control to turn the

heater on or off.

- When powered on, the heater will typically start in a default heat mode.

5.3 Heat Settings (Mode Selection)

- Press the **Mode button** () to cycle through the available modes:



- Low Heat
- High Heat (1500W)
- Fan Only

5.4 Thermostat and Temperature Adjustment

- Use the **Temperature Up** () and **Temperature Down** ()



buttons to set your desired room temperature.

- The heater will automatically adjust its operation to maintain the set temperature.

5.5 Oscillation Function

- Press the **Oscillation button** () to activate or deactivate the 60° oscillation



feature.

- When active, the heater will rotate from side to side to distribute warmth more broadly.



Figure 5.2: 60° Widespread Warmth. The oscillation feature helps distribute heat evenly throughout the room.

5.6 Timer Function

- Press the **Timer button** () repeatedly to set the desired operating time from 1 to



12 hours.

- The heater will automatically turn off once the set time has elapsed.

6. MAINTENANCE

Proper maintenance ensures the longevity and efficient operation of your heater.

1. Always unplug the heater and allow it to cool completely before cleaning.
2. Use a soft, damp cloth to wipe the exterior surfaces of the heater. Do not use abrasive cleaners or solvents.
3. Do not immerse the heater in water or allow water to drip into the interior.
4. Periodically clean the air intake and exhaust grilles with a vacuum cleaner attachment to remove dust and lint.
5. Store the heater in a cool, dry place when not in use.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Heater does not turn on.	<ul style="list-style-type: none">• Not plugged in.• Power outlet not functioning.• Tip-Over Protection activated.• Overheat Protection activated.	<ul style="list-style-type: none">• Ensure the power cord is securely plugged into a 120V AC outlet.• Test the outlet with another appliance.• Place the heater on a flat, stable surface. If it was tipped, it will reset once upright.• Unplug the heater, allow it to cool for 30 minutes, then plug it back in. Clear any obstructions from air vents.
Heater produces insufficient heat.	<ul style="list-style-type: none">• Low heat mode selected.• Thermostat set too low.• Air vents blocked.	<ul style="list-style-type: none">• Select High Heat mode.• Increase the thermostat setting.• Ensure air intake and exhaust grilles are clear of dust and obstructions.
Oscillation not working.	<ul style="list-style-type: none">• Oscillation function not activated.	<ul style="list-style-type: none">• Press the Oscillation button on the control panel or remote control.
Remote control not working.	<ul style="list-style-type: none">• Batteries are dead or incorrectly inserted.• Obstruction between remote and heater.	<ul style="list-style-type: none">• Replace batteries with new ones, ensuring correct polarity.• Ensure a clear line of sight between the remote and the heater's sensor.

8. SPECIFICATIONS

Feature	Detail
Brand	ECOWELL
Model Number	EHT200
Power Source	Corded Electric
Voltage	120 Volts (AC)
Heating Method	Convection, Forced Air
Heating Element	PTC Ceramic
Heat Settings	3 (Low, High, Fan)
Max Power Output	1500W
Oscillation Angle	60°
Timer	1-12 Hours
Safety Features	Tip-Over Protection, Overheat Protection
Noise Level	< 50dB
Item Dimensions (D x W x H)	7"D x 7.4"W x 21"H (17.8cm x 18.8cm x 53.3cm)
Item Weight	3.3 lbs (1.5 kg)
Certifications	ETL certified

9. WARRANTY AND SUPPORT

ECOWELL offers a **2-Year Manufacturer Warranty** for this product. Please refer to the included Warranty Card for detailed terms and conditions.

For technical support, warranty claims, or any questions regarding your ECOWELL EHT200 heater, please contact ECOWELL customer service through the contact information provided on your warranty card or the official ECOWELL website.

