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Electactic ZFH016E

Electactic Small Space Heater (Model ZFH016E) User Manual

Mini Portable Electric Heater with Thermostat & Remote

1. Introduction

Thank you for choosing the Electactic Small Space Heater. This portable electric ceramic heater is designed to provide efficient and comfortable warmth for indoor spaces. Featuring advanced PTC ceramic heating technology, a precise thermostat, remote control, and multiple safety features, it offers a reliable heating solution for your home or office. Please read this manual thoroughly before use to ensure safe and optimal operation.

2. Important Safety Instructions

WARNING: To reduce the risk of fire, electric shock, or injury, read and understand all instructions before using this heater.

- Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
- 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.
- 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.
- This heater has overheat protection and tip-over auto-shutoff features for enhanced safety.
- The dedicated Child Lock feature prevents accidental setting changes by children or pets.

3. Package Contents

- Electactic Small Space Heater (Model ZFH016E)
- Remote Control
- User Manual

4. Product Features

- **Rapid PTC Ceramic Heating:** Advanced ceramic PTC technology provides heat in just 2 seconds, delivering 1500W of warmth.
- **Quiet Operation:** Operates at a near-silent 35dB, ensuring minimal disruption for sleep or work.
- **24-Hour Timer:** Set an automatic shut-off timer for up to 24 hours.
- **ECO Mode:** Designed to save energy by maintaining a comfortable temperature efficiently, reducing electricity costs.
- **Dual Control:** Easily switch between four modes (Low, High, Eco, Fan) using the LED touch screen or the included remote control.
- **Wide Coverage:** Effectively warms spaces up to 200 sq.ft, suitable for bedrooms, basements, offices, and RVs.
- **Precision Thermostat:** Maintains your desired temperature with a precise ±1℉ accuracy, preventing temperature fluctuations.
- **Comprehensive Safety:** ETL-certified with a flame-retardant case, overheat protection (auto-shutoff at 167°F), and tip-over auto-shutoff (at 45° tilt).
- **Child Lock:** Prevents accidental changes to settings, enhancing safety around children and pets.



Figure 4.1: Rapid PTC Ceramic Heating Technology.



Figure 4.2: Precise Temperature Control and Multiple Heat Settings.

Figure 4.3: Touch Operation Screen and Remote Control.

Figure 4.4: Wide Heating Coverage up to 200 sq.ft.

Figure 4.5: Comprehensive Safety Protection.



Figure 4.6: 24-Hour Timer and Low-Noise Operation.



Figure 4.7: Compact and Portable Design.

5. Setup

1. **Unpack:** Carefully remove the heater and all accessories from the packaging. Retain packaging for future storage or transport.
2. **Placement:** Place the heater on a firm, level surface. Ensure there is at least 3 feet (0.9 m) of clear space around

the heater from any combustible materials. Do not place it on soft surfaces like rugs or carpets that might block the air intake.

3. **Power Connection:** Plug the heater directly into a 120V AC, 60Hz wall outlet. Do not use extension cords, power strips, or surge protectors.
4. **Initial Check:** Ensure the power cord is not damaged and the plug is securely inserted into the outlet.

6. Operating Instructions

6.1 Control Panel Overview

The heater features an intuitive LED touch screen on the top. The remote control mirrors most of these functions for convenience.



Figure 6.1: Control Panel Layout.

6.2 Basic Operation

1. **Power On/Off:** Press the Power button () on the control panel or remote to turn the heater on or off. The LED display will show the current temperature.
2. **Mode Selection:** Press the Mode button (**M**) to cycle through the available modes: Low Heat (950W), High Heat (1500W), ECO Mode, and Fan Only.
3. **Temperature Adjustment:** In heating modes, use the "+" and "-" buttons to set your desired temperature between 41°F and 100°F (5°C and 38°C). The heater will automatically adjust its operation to maintain the set temperature.
4. **Timer Function:** Press the Timer button () to set the auto-shutoff timer. Each press increases the timer by 1 hour, up to 24 hours. The timer indicator will light up. To cancel the timer, cycle through until "00" is displayed or turn the

heater off.

5. **Child Lock:** Press and hold the Child Lock button () for 3 seconds to activate or deactivate the child lock. When activated, all other buttons on the control panel will be unresponsive. The remote control will still function.
6. **Oscillation:** Press the Oscillation button () to activate or deactivate the oscillation function, which distributes heat more evenly across the room.

6.3 ECO Mode

In ECO Mode, the heater automatically selects the optimal power level (Low or High) to maintain your set temperature, aiming to minimize energy consumption. This mode is ideal for energy-efficient heating.

7. Maintenance

WARNING: Always unplug the heater before cleaning or performing any maintenance.

- **Cleaning:** Use a soft, damp cloth to wipe the exterior surfaces of the heater. Do not use abrasive cleaners or solvents. Ensure no water enters the interior of the heater.
- **Air Intake/Outlet:** Periodically clean the air intake and outlet grilles with a vacuum cleaner or a soft brush to remove dust and lint. Blocked grilles can lead to overheating.
- **Storage:** If storing the heater for an extended period, clean it thoroughly, place it back in its original packaging, and store it in a cool, dry place.
- **No User-Serviceable Parts:** Do not attempt to open or repair the heater yourself. Refer all servicing to qualified service personnel.

8. Troubleshooting

Problem	Possible Cause	Solution
Heater does not turn on.	No power, power switch off, tip-over switch activated, overheat protection activated.	Ensure plug is firmly in outlet. Check if the power switch is on. Place heater on a flat, stable surface. Allow heater to cool down for 30 minutes if overheat protection was triggered.
Heater blows cold air.	Fan-only mode selected, thermostat set too low, ECO mode active and room temperature reached.	Select a heating mode (Low or High). Increase the set temperature. In ECO mode, the fan may run without heat if the room is at the set temperature.
Heater suddenly stops working.	Overheat protection activated, tip-over switch activated, timer expired.	Allow heater to cool down. Ensure heater is upright on a stable surface. Check if the timer is set.
Remote control not working.	Dead batteries, obstruction, too far from heater.	Replace batteries. Remove any obstructions between remote and heater. Ensure you are within range.
Child Lock is active, cannot use control panel.	Child Lock feature is engaged.	Press and hold the Child Lock button () for 3 seconds to deactivate it.

9. Specifications

Feature	Specification
Brand	Electactic
Model Number	ZFH016E
Power Source	AC Electric
Voltage	120V
Amperage	12.5 A
Heat Output	1500 Watts (High), 950 Watts (Low)
Heating Method	PTC Ceramic
Heating Coverage	Up to 200 sq.ft
Min Temperature Setting	41 °F (5 °C)
Max Temperature Setting	100 °F (38 °C)
Number of Speeds/Modes	4 (Low, High, Eco, Fan)
Timer	Up to 24 Hours
Noise Level	~35dB
Safety Features	Overheat Protection, Tip-Over Protection, Flame-Retardant Case, Child Lock, ETL Certified
Item Dimensions (D x W x H)	6.22"D x 6.22"W x 8.7"H
Item Weight	3.9 pounds

10. Warranty and Support

Electactic products are designed and manufactured to the highest quality standards. This product comes with a standard manufacturer's warranty. For specific warranty details, please refer to the warranty card included with your purchase or visit the official Electactic website.
If you encounter any issues or have questions regarding your Electactic Small Space Heater, please contact our customer support team:

- **Website:** Electactic Official Store on Amazon
- **Email:** Refer to product packaging or website for contact email.
- **Phone:** Refer to product packaging or website for contact phone number.

Please have your model number (ZFH016E) and purchase information ready when contacting support.

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