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Honeywell HCE870B

Honeywell ThermaWave 6 Ceramic Technology Space Heater (Model HCE870B) Instruction Manual

Brand: Honeywell | Model: HCE870B

1. INTRODUCTION

The Honeywell ThermaWave 6 Ceramic Technology Space Heater is designed to provide efficient and comforting heat for various rooms in your home or office. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new space heater. Please read all instructions carefully before use and retain this manual for future reference.



Image 1: Honeywell ThermaWave 6 Ceramic Technology Space Heater in black, showcasing its compact design.

2. IMPORTANT SAFETY INFORMATION

Your safety is paramount. The Honeywell ThermaWave 6 Ceramic Technology Space Heater incorporates several features designed to ensure safe operation. Always follow basic safety precautions to reduce the risk of fire, electric shock, and injury to persons.

- **2x Overheat Protection:** The heater is equipped with a dual system to prevent overheating, automatically shutting off if internal temperatures exceed safe limits.
- **360° Tip-Over Protection:** An internal switch automatically turns the heater off if it is accidentally tipped over in any

direction.

- **Cool Touch Plastic Housing:** The exterior housing remains cool to the touch during operation, reducing the risk of burns.
- **Thermal Insulated Wiring:** Internal wiring is insulated to enhance safety and prevent heat-related issues.
- **Reinforced Wire Connection:** The power cord connection is reinforced for durability and safety.
- **High Temp Plastic:** Constructed with high-temperature resistant plastic materials.
- **Auto Shut-Off:** Automatically turns off under certain conditions for enhanced safety.



The graphic is a promotional poster for Honeywell heaters. On the left, a black vertical banner contains the 'Safety Matters' logo (a white house outline) at the top, followed by the text 'Safety Matters' in white, 'OFFERING EVEN MORE SAFETY FEATURES' in large red and white letters, and the 'Honeywell' logo in red at the bottom. To the right of the banner, the text 'STANDARD INDUSTRY HEATER SAFETY REQUIREMENTS' is written in red. Below this, two columns of features are listed: '- One Overheat Device' and '- UL Rated Power Cord' in the first column, and '- Visible Power Light' and '- Flame Resistant Plastic' in the second. Further down, the text 'THIS HONEYWELL HEATER GIVES YOU MORE!' is written in red. Below this, six icons are arranged in two rows of three. The first row icons are: a tip-over switch (labeled 'Tip-Over Switches'), a thermometer with a warning triangle (labeled 'Additional Overheat Protection'), and a hand holding a snowflake (labeled 'Cool touch Housing and Handle'). The second row icons are: a wire with a protective sleeve (labeled 'High Grade Silicone Covered Wiring'), a wavy line representing a heating element (labeled 'Soldered Heating Element Connections with Silicone Sleeves'), and a plug with a double vertical bar (labeled 'Enhanced Soldered Plug Connections'). At the bottom of the graphic, it says 'Complimentary AHAM Safety Brochure included with all models' and a small disclaimer: 'Safety Matters is a registered trademark of Helen of Troy Limited. UL and the UL logo are trademarks of UL LLC.'

Image 2: Visual representation of the Honeywell ThermaWave 6 Heater's enhanced safety features, including tip-over switches, additional overheat protection, and cool-touch housing.

General Safety Precautions:

- Do not use the heater in bathrooms, laundry areas, or similar indoor locations where water may be present.
- Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
- 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.

Safety Features Video:

Video 1: An official Honeywell video demonstrating the safety features of the ThermaWave 6 Heater, including tip-over and overheat protection.

3. PRODUCT FEATURES

The Honeywell ThermaWave 6 Ceramic Technology Space Heater is designed for user convenience and effective heating.

- **Ceramic Heating Technology:** Provides powerful and consistent heat.
- **Programmable Thermostat:** Allows you to set and maintain your desired room temperature.
- **Multiple Heat Settings:** Offers two heat settings (High and Low) and a fan-only option for year-round use.
- **Directional Heat Control:** Adjust the direction of the heat output for targeted warmth.
- **Digital Controls:** Easy-to-use digital interface for setting modes, temperature, and timer.
- **Compact Design:** Small footprint makes it suitable for various room sizes without taking up excessive space.

Honeywell

Model: HCE870B
Room Size: Large

ThermaWave™ 6

Powerful **Big Heat**

- 👆 Digital Controls
- 🕒 Timer Settings
- 🌡️ Programmable Thermostat
- 📏 Adjustable Directional Air Flow
- ③ Settings
2 Heat + 1 Fan



Image 3: An overview of the Honeywell ThermaWave 6 Ceramic Heater's key features, including digital controls, timer, programmable thermostat, and adjustable airflow.

Product Feature Overview Video:

Video 2: An official Honeywell video providing a detailed overview of the ThermaWave 6 Ceramic Heater's features and functionality.

4. SETUP

1. **Unpack:** Carefully remove the heater from its packaging. Retain packaging for off-season storage.
2. **Placement:** Place the heater on a firm, level surface that is free from obstructions. Ensure it is at least 3 feet (0.9 meters) away from walls, furniture, and other combustible materials.
3. **Power Connection:** Plug the power cord directly into a 120V AC, 60Hz grounded wall outlet. Do not use extension

cords or power strips.



Image 4: A user interacting with the Honeywell ThermaWave 6 Heater, demonstrating its placement on the floor near a couch.

5. OPERATING INSTRUCTIONS

The Honeywell ThermaWave 6 features intuitive digital controls for easy operation.



Image 5: Detailed view of the digital control panel, highlighting the various buttons for operation.

1. **Power On/Off:** Press the power button () to turn the heater on or off.
2. **Select Mode:** Use the mode button (≈) to cycle through heat settings: High Heat, Low Heat, and Fan Only.
3. **Set Temperature:** Use the up (^) and down (v) arrow buttons to adjust the desired temperature for the programmable thermostat. The heater will maintain this temperature.
4. **Set Timer:** Press the timer button (⌚) to set the auto-off timer for 1, 2, 4, or 8 hours. The heater will automatically shut off after the selected duration.
5. **Directional Heat Control:** Manually adjust the top grille to direct the airflow as desired.



Image 6: Close-up of the adjustable grille for directional heat control.

6. MAINTENANCE

Regular cleaning and proper storage will help maintain the performance and longevity of your heater.

1. **Cleaning:** Always unplug the heater before cleaning. Use a soft, damp cloth to wipe the exterior surfaces. Do not use abrasive cleaners or solvents.
2. **Storage:** When not in use, store the heater in a cool, dry place. It is recommended to store it in its original packaging to protect it from dust and damage.

7. TROUBLESHOOTING

If your heater is not operating correctly, please check the following common issues before contacting support:

- **Heater does not turn on:** Ensure the power cord is securely plugged into a working electrical outlet. Check if the circuit breaker has tripped. Verify the power button is pressed.
- **Heater turns off unexpectedly:** This may be due to the tip-over protection or overheat protection activating. Ensure the heater is on a stable surface and not obstructed. Allow it to cool down before restarting.
- **Insufficient heat output:** Check that the desired temperature setting is higher than the current room temperature. Ensure the heat setting is not on 'Fan Only' mode.

8. SPECIFICATIONS

Feature	Detail
Brand	Honeywell
Model Number	HCE870B
Special Feature	Programmable Thermostat
Color	Black
Form Factor	Rectangular
Indoor/Outdoor Usage	Indoor
Product Dimensions	30"D x 8"W x 6"H
Mounting Type	Floor Mount
Room Type	Bedroom, Home Office, Study Room
Fuel Type	Electric
Number of Speeds	3
Voltage	120 Volts
Amperage	16.67 Amps
UPC	328785006490
Item Weight	10.89 pounds
Manufacturer	Kaz
Assembly Required	No
Included Components	1 Heater

9. WARRANTY AND SUPPORT

This Honeywell ThermaWave 6 Ceramic Technology Space Heater comes with a **3-year limited warranty**. For warranty claims, technical support, or any inquiries regarding your product, please contact Honeywell customer service. Refer to the product packaging or the official Honeywell website for the most current contact information.