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› BLACK+DECKER BH1607 1500W Portable Space Heater User Manual

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BLACK+DECKER BH1607 1500W Portable Space Heater User Manual

Model: BH1607

1. IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this heater. Failure to follow these instructions may result in fire, electric shock, or injury.

- Do not use this heater outdoors.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces.
- Always unplug the heater when not in use.
- Do not operate any heater with a damaged cord or plug, or after the heater malfunctions or has been dropped or damaged in any manner.
- 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.
- Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

2. PRODUCT OVERVIEW

The BLACK+DECKER BH1607 is a portable electric space heater designed to provide efficient warmth for small rooms and personal spaces. It features 360-degree surround heat, multiple heat settings, and safety functions.



The BLACK+DECKER BH1607 portable space heater, featuring a digital control panel and an included remote control for convenient operation.

Key Features:

- **360° Surround Heat:** Provides fast and even warmth in all directions.
- **Dual Heat Settings:** Offers Low (750 Watts) and High (1500 Watts) heating modes.
- **Fan Only Mode:** Allows for air circulation without heat.
- **Adjustable Thermostat:** Manual controls for desired temperature from 59°F to 99°F.
- **12-Hour Shut-Off Timer:** Automatically turns off the heater after a set duration.
- **Remote Control:** For convenient operation from a distance.
- **Safety Features:** Includes overheat shutoff protection and tip-over auto shutoff.
- **Compact and Portable:** Lightweight design with an integrated handle for easy transport.

360° Surround Heat



The heater is designed to provide 360-degree surround heat, distributing warmth evenly throughout a room.

Components:

- Main Heater Unit
- LED Control Panel
- Remote Control (requires 1x CR2025 battery, not included)
- Integrated Carry Handle

3. SETUP

1. **Unpacking:** Carefully remove the heater from its packaging. Retain packaging for off-season storage.
2. **Placement:** Place the heater on a firm, level surface. Ensure it is at least 3 feet (0.9 meters) away from walls, furniture, curtains, and other combustible materials. Do not block air intakes or outlets.
3. **Power Connection:** Plug the power cord directly into a 120V AC, 60Hz electrical outlet. Do not use extension cords or power strips. Ensure the outlet is not overloaded with other appliances.
4. **Remote Battery Installation:** Open the battery compartment on the remote control and insert one CR2025

battery (not included), observing correct polarity.



The compact dimensions of the heater are 7.6 inches (D) x 7.6 inches (W) x 10.2 inches (H).

4. OPERATING INSTRUCTIONS

Control Panel and Remote Functions:

LED Control Panel



The intuitive LED control panel allows for easy adjustment of settings, including power, mode, and timer.

Remote Control Included



A remote control is included for convenient adjustment of settings from a distance.

- **ON/OFF Button:** Powers the heater on or off.
- **MODE Button:** Cycles through operating modes: Low Heat (750W), High Heat (1500W), and Fan Only.
- **UP/DOWN Buttons:** Adjust the desired temperature setting or timer duration.
- **TIMER Button:** Activates and sets the auto shut-off timer.
- **LOCK Button (Remote Only):** Locks the control panel to prevent accidental changes.

Setting the Heat and Fan Modes:

1. Press the ON/OFF button to power on the heater.
2. Press the MODE button repeatedly to select your desired mode:
 - **Low Heat (750W):** For gentle, continuous warmth.
 - **High Heat (1500W):** For rapid heating of a small area.
 - **Fan Only:** Circulates air without heat.

Dual heat settings:

Low
750 watts



High
1500 watts

Choose between two heat settings: Low (750 Watts) for energy-efficient warmth or High (1500 Watts) for faster heating.

Adjusting the Thermostat:

1. While in a heat mode, use the UP or DOWN buttons to set the desired temperature between 59°F and 99°F.
2. The heater will cycle on and off to maintain the set temperature.

Adjustable Thermostat Controls

Easy Adjustment For Optimal Heat or Fan Function



An adjustable thermostat allows precise temperature control from 59°F to 99°F.

Using the Timer Function:

1. With the heater on, press the TIMER button.
2. Use the UP or DOWN buttons to set the desired shut-off time from 1 to 12 hours.
3. The timer indicator light will illuminate, and the heater will automatically turn off after the set time expires.

Auto Shut-Off Timer



The integrated auto shut-off timer can be set for up to 12 hours, providing convenience and energy savings.

5. SAFETY FEATURES

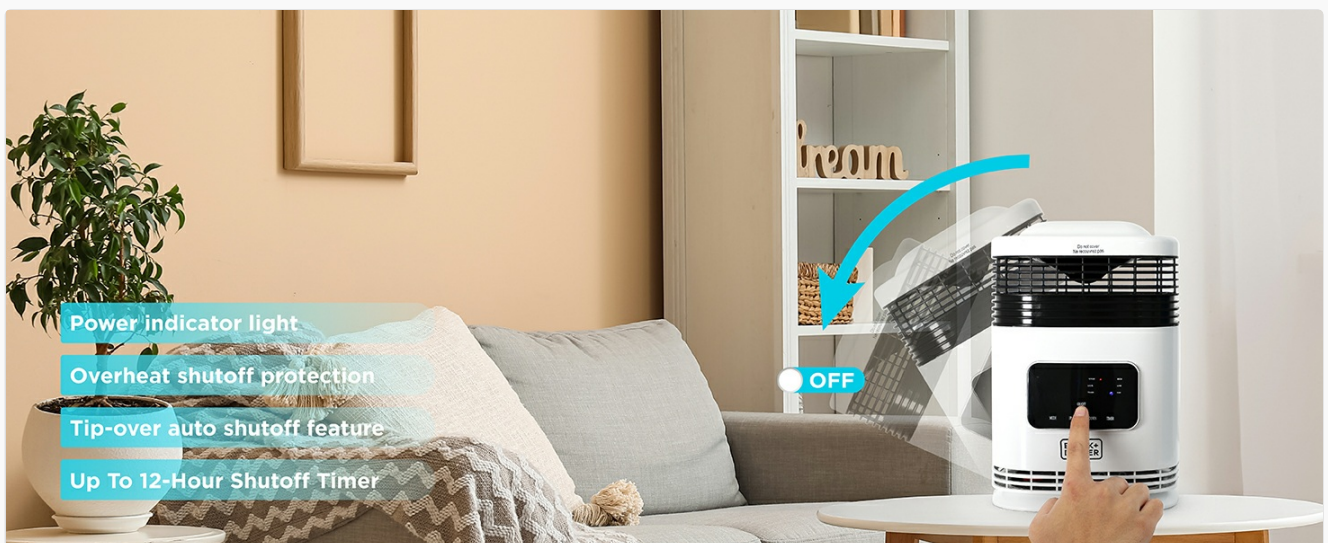
The BLACK+DECKER BH1607 heater incorporates several safety features for user protection:

- **Overheat Shutoff Protection:** The heater will automatically turn off if it detects an internal temperature that is too high. It will resume operation once it has cooled down.
- **Tip-Over Auto Shutoff:** If the heater is accidentally knocked over, it will automatically power off to prevent hazards.
- **Power Indicator Light:** Illuminates when the heater is powered on.

Tip-Over Protection



Equipped with a tip-over auto shut-off feature, the heater automatically turns off if accidentally knocked over, enhancing safety.



Key safety features include a power indicator light, overheat shutoff protection, tip-over auto shutoff, and a 12-hour shut-off timer.

6. MAINTENANCE

Cleaning:

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. Use a vacuum cleaner with a brush attachment to remove dust and lint from the air intake and exhaust grilles.
4. Do not immerse the heater in water or allow water to drip into the interior.

Storage:

When not in use, store the heater in a cool, dry location. It is recommended to store it in its original packaging to protect it from dust and damage.

7. TROUBLESHOOTING

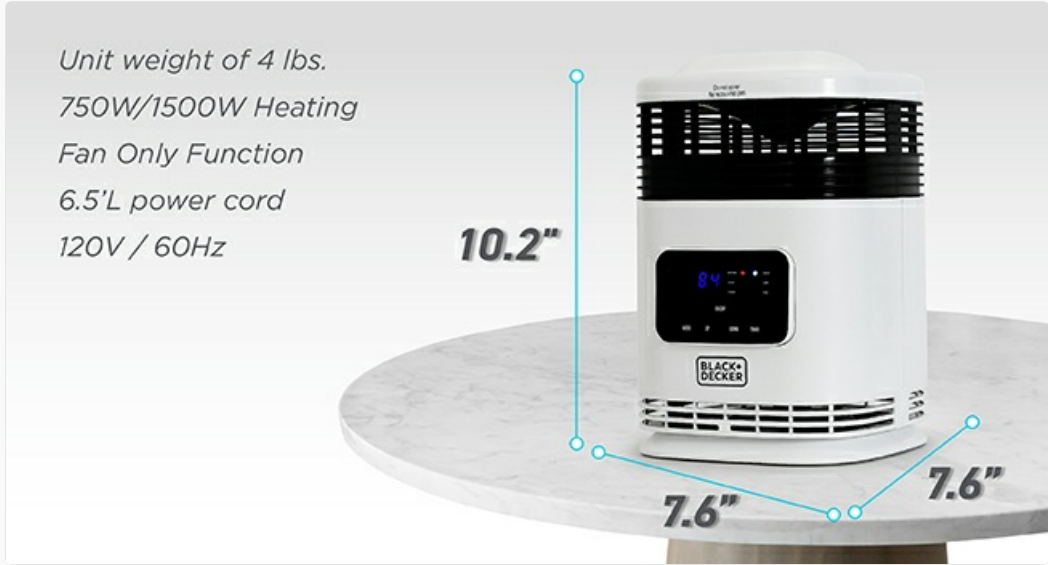
If your heater is not operating correctly, consult the following table for common issues and solutions.

Problem	Possible Cause	Solution
Heater does not turn on.	No power to the unit. Tip-over switch activated. Overheat protection activated.	Ensure the power cord is securely plugged into a working outlet. Place the heater on a firm, level surface. Unplug the heater, allow it to cool for 10-15 minutes, then plug it back in.
Heater blows cold air.	Thermostat set too low. Fan Only mode selected.	Increase the desired temperature setting. Press the MODE button to select a heat setting (Low or High).
Heater suddenly turns off.	Overheat protection activated. Tip-over switch activated. Timer function expired.	Unplug, cool, then restart. Ensure heater is upright on a stable surface. Check timer settings.
Remote control not working.	Battery depleted or incorrectly installed.	Replace the CR2025 battery, ensuring correct polarity.

8. TECHNICAL SPECIFICATIONS

Specification	Value
Model Number	BH1607
Power Output	750W (Low) / 1500W (High)
Voltage	120 Volts
Amperage	12.5 Amps

Specification	Value
Frequency	60 Hz
Product Dimensions (D x W x H)	7.6" x 7.6" x 10.2"
Item Weight	4 pounds
Heating Coverage	Small room
Min Temperature Setting	59 Degrees Fahrenheit
Max Temperature Setting	99 Degrees Fahrenheit
UPC	819813018795



Summary of specifications: Unit weight 4 lbs, 750W/1500W heating, Fan Only function, 6.5 ft power cord, 120V/60Hz, dimensions 10.2"H x 7.6"D x 7.6"W.

9. WARRANTY AND SUPPORT

For warranty information or customer support, please refer to the warranty card included with your product or visit the official BLACK+DECKER website. Keep your purchase receipt as proof of purchase.