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BLACK+DECKER Portable Space Heater BHDC201 Instruction Manual

Model: BHDC201

INTRODUCTION

Thank you for choosing the BLACK+DECKER Portable Space Heater, Model BHDC201. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new space heater. Please read all instructions carefully before use and retain this manual for future reference.



Image: Front view of the BLACK+DECKER Portable Space Heater, Model BHDC201, showing its compact design and heating element.

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:

1. Read all instructions before using this heater.
2. 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.
3. Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.

4. Always unplug heater when not in use.
5. Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Return heater to authorized service facility for examination, electrical or mechanical adjustment, or repair.
6. Do not use outdoors. This heater is for indoor use only.
7. 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.
8. To disconnect heater, turn controls to OFF, then remove plug from outlet.
9. 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.
10. 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.
11. This heater has an automatic tip-over shutoff feature. If the heater is accidentally tipped over, it will automatically turn off.
12. This heater is equipped with overheat protection. If the heater reaches an unsafe temperature, it will automatically shut off.



Image: Illustration of the heater's tip-over protection feature, showing the unit automatically shutting off when tilted.

Over-Heat Protection



Image: The heater positioned next to a sleeping puppy, illustrating the overheat protection feature for safe operation.

PRODUCT OVERVIEW

The BLACK+DECKER BHDC201 is a compact and portable space heater designed for personal and small room heating. Key features include:

- **Portable Design:** Lightweight at 2.8 lbs with an integrated carry handle for easy transport.
- **Dual Heat Settings:** Offers 750 Watts (Low Heat) and 1500 Watts (High Heat) for customizable warmth.
- **Fan Only Mode:** Can be used as a fan for air circulation without heat.
- **Adjustable Thermostat:** Allows precise control over the desired room temperature.
- **Safety Features:** Equipped with overheat protection and an auto tip-over shutoff for enhanced safety.

Easy to Carry



Image: A hand holding the integrated carry handle on top of the heater, demonstrating its portability.

Compact & Portable



Image: The compact heater placed on a wooden table next to a coffee cup and water pitcher, highlighting its small footprint.

SETUP

1. **Unpacking:** Carefully remove the heater from its packaging. Retain packaging for storage or if return is necessary.
2. **Placement:** Place the heater on a firm, level surface. Ensure it is at least 3 feet (0.9 m) away from walls, furniture, and other combustible materials. Do not place on soft surfaces like rugs or carpets that could block air vents.
3. **Power Connection:** Plug the 6-foot power cord directly into a 120V AC electrical outlet. Do not use extension cords or power strips.

OPERATING INSTRUCTIONS

Your BLACK+DECKER Portable Space Heater features simple manual controls for ease of use.

Manual Controls



Image: A close-up of the heater's top panel, showing the two rotary dials for temperature and mode selection.

1. **Power On:** Ensure the heater is plugged into a suitable outlet.
2. **Select Mode:** Use the right rotary dial (labeled "FAN") to select your desired operating mode:
 - **FAN:** Activates the fan without heat for air circulation.
 - **I (Low Heat):** Provides 750 Watts of heating power.
 - **II (High Heat):** Provides 1500 Watts of heating power.
3. **Adjust Thermostat:** Use the left rotary dial (labeled with "+" and "-") to set the desired temperature. Turn the dial clockwise for higher temperatures and counter-clockwise for lower temperatures. The heater will cycle on and off to maintain the set temperature.
4. **Power Off:** To turn off the heater, rotate the mode dial to the "OFF" position, then unplug the unit from the wall outlet.

Dual heat settings:



Image: A graphic illustrating the dual heat settings (Low 750 watts, High 1500 watts) with a visual representation of heat output.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your heater.

1. **Cleaning:** Always unplug the heater and allow it to cool completely before cleaning. Use a soft, damp cloth to wipe the exterior surfaces. Do not use abrasive cleaners or solvents.
2. **Air Vents:** Periodically vacuum the air intake and exhaust vents to remove dust and lint buildup. Ensure vents are clear and unobstructed.
3. **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.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Heater does not turn on.	<ul style="list-style-type: none"> • Not plugged in securely. • Power outlet is not functioning. • Tip-over switch activated. • Overheat protection activated. 	<ul style="list-style-type: none"> • Ensure the power cord is firmly plugged into a 120V outlet. • Check the circuit breaker or try a different outlet. • Place the heater on a firm, level surface. If it was tipped, stand it upright and it should reset. • Unplug the heater, allow it to cool for 10-15 minutes, then plug it back in. Ensure air vents are not blocked.
Heater produces insufficient heat.	<ul style="list-style-type: none"> • Low heat setting selected. • Thermostat set too low. • Room size is too large for the heater. 	<ul style="list-style-type: none"> • Select the High Heat (II) setting. • Increase the thermostat setting. • This heater is designed for personal spaces or small rooms (150-200 sq ft). For larger areas, multiple heaters or a higher capacity unit may be needed.
Heater makes unusual noise.	<ul style="list-style-type: none"> • Dust or debris in fan. • Loose internal component. 	<ul style="list-style-type: none"> • Unplug and clean the air vents. If noise persists, discontinue use and contact customer support. • Discontinue use and contact customer support.

SPECIFICATIONS

Brand	BLACK+DECKER
Model Number	BHDC201
UPC	819813016197
Power Settings	Low (750W), High (1500W), Fan Only
Voltage	120 Volts
Amperage	12.5 Amps
Product Dimensions (DxWxH)	6.3" x 7.3" x 9.2"
Item Weight	2.8 pounds
Heating Coverage	150-200 square feet (approx.)
Safety Features	Overheat Protection, Tip-Over Shutoff
Indoor/Outdoor Usage	Indoor Use Only



Image: A diagram showing the dimensions of the BLACK+DECKER Portable Space Heater: 9.2 inches high, 7.3 inches wide, and 6.3 inches deep.

WARRANTY AND SUPPORT

This BLACK+DECKER product comes with a **1-year warranty** from the date of purchase, covering defects in material or workmanship under normal use. Please retain your proof of purchase for warranty claims. For technical assistance, troubleshooting beyond this manual, or warranty service, please contact BLACK+DECKER customer support. Contact information can typically be found on the product packaging or the official BLACK+DECKER website.

Online Support: Visit the official BLACK+DECKER website for product registration, FAQs, and support resources.