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> [DAHTEC Ceramic Electric Heater 2000W \(Model BGP2305-20\) Instruction Manual](#)

DAHTEC BGP2305-20

DAHTEC Ceramic Electric Heater 2000W

Model: BGP2305-20 - Instruction Manual

1. INTRODUCTION

Thank you for choosing the DAHTEC Ceramic Electric Heater 2000W. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new heater. Please read all instructions carefully before use and retain this manual for future reference.

Mini Chauffage d'appoint

Chauffe des pièces jusqu'à **20 m²**



Image 1.1: The DAHTEC Ceramic Electric Heater, illustrating its compact design and the area it can heat.

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 1 meter (3 feet) 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. Return heater to authorized service facility for examination, electrical or mechanical adjustment, or repair.
- Do not use outdoors. This heater is intended for indoor use only.
- 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).
- Ensure the power outlet is rated for the heater's power consumption (2000W).
- Do not cover the heater. Covering the heater can lead to overheating and fire.

3. PRODUCT FEATURES

The DAHTEC Ceramic Electric Heater offers efficient and reliable heating with several key features:

- **Instant Heat:** Advanced ceramic technology with alloy fan blades provides rapid heat within 3 seconds.
- **Energy Efficiency:** Designed for low energy consumption, capable of heating up to 20 m² with effective airflow.
- **Versatile Modes:** Features three operating modes: 25 W (fan only), 1000 W (warm heat), and 2000 W (intense heat). The fan-only mode allows for year-round comfort.
- **Safety & Reliability:** Constructed with industrial-quality, heat-resistant powder-coated steel. Includes a manual thermostat and overheat protection for safe operation.
- **Compact & Portable:** Its small size and integrated handle make it easy to move and suitable for various small spaces.

4. PRODUCT OVERVIEW AND COMPONENTS

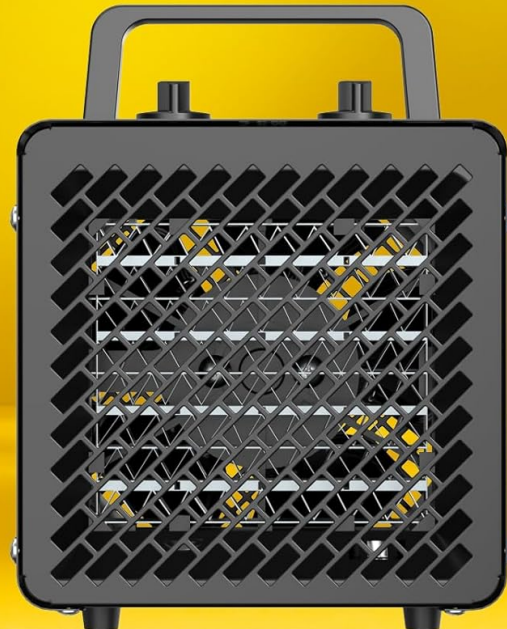
Familiarize yourself with the main components of your DAHTEC heater:



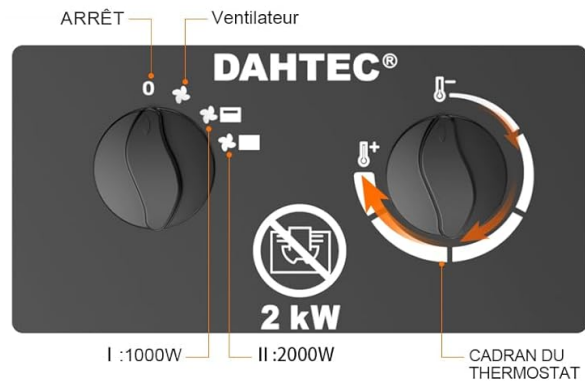
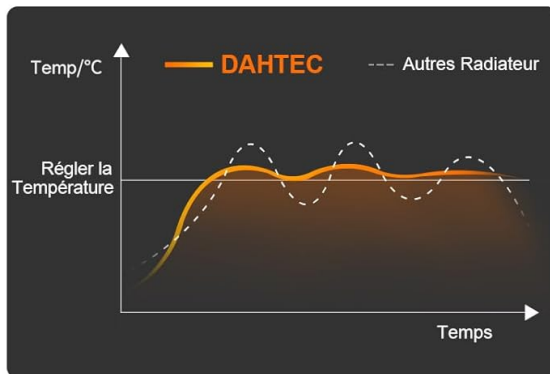
Économie d'énergie

142 m³/h
Grand débit d'air

DAHTEC
Autres



Contrôle Thermostatique



Panneau de Commande

*Conseil : Maintenez le bouton du thermostat sur la position maximale pendant le fonctionnement.

Image 4.1: Control Panel and Thermostat. The left knob controls power and mode, the right knob controls the thermostat.

- **Power/Mode Selector Knob:** Used to turn the heater ON/OFF and select between Fan Only (25W), 1000W, and 2000W heating modes.
- **Thermostat Control Knob:** Used to set the desired room temperature.
- **Heating Element:** Ceramic heating elements for rapid and efficient heat generation.
- **Fan:** Circulates warm air into the room.
- **Air Intake/Exhaust Grilles:** Ensure these are never blocked.
- **Integrated Handle:** For easy portability.

5. SETUP

Follow these steps to set up your heater:

1. **Unpack:** Carefully remove the heater from its packaging. Retain packaging for storage.
2. **Placement:** Place the heater on a firm, level surface. Ensure it is at least 1 meter (3 feet) away from walls, furniture, curtains, and other combustible materials. Do not place it directly under a power outlet.
3. **Power Connection:** Ensure the heater is switched OFF (Power/Mode knob set to '0'). Plug the power cord directly into a 220-240V~50Hz wall outlet. Do not use extension cords or power strips.

6. OPERATING INSTRUCTIONS

Operating your DAHTEC heater is straightforward:

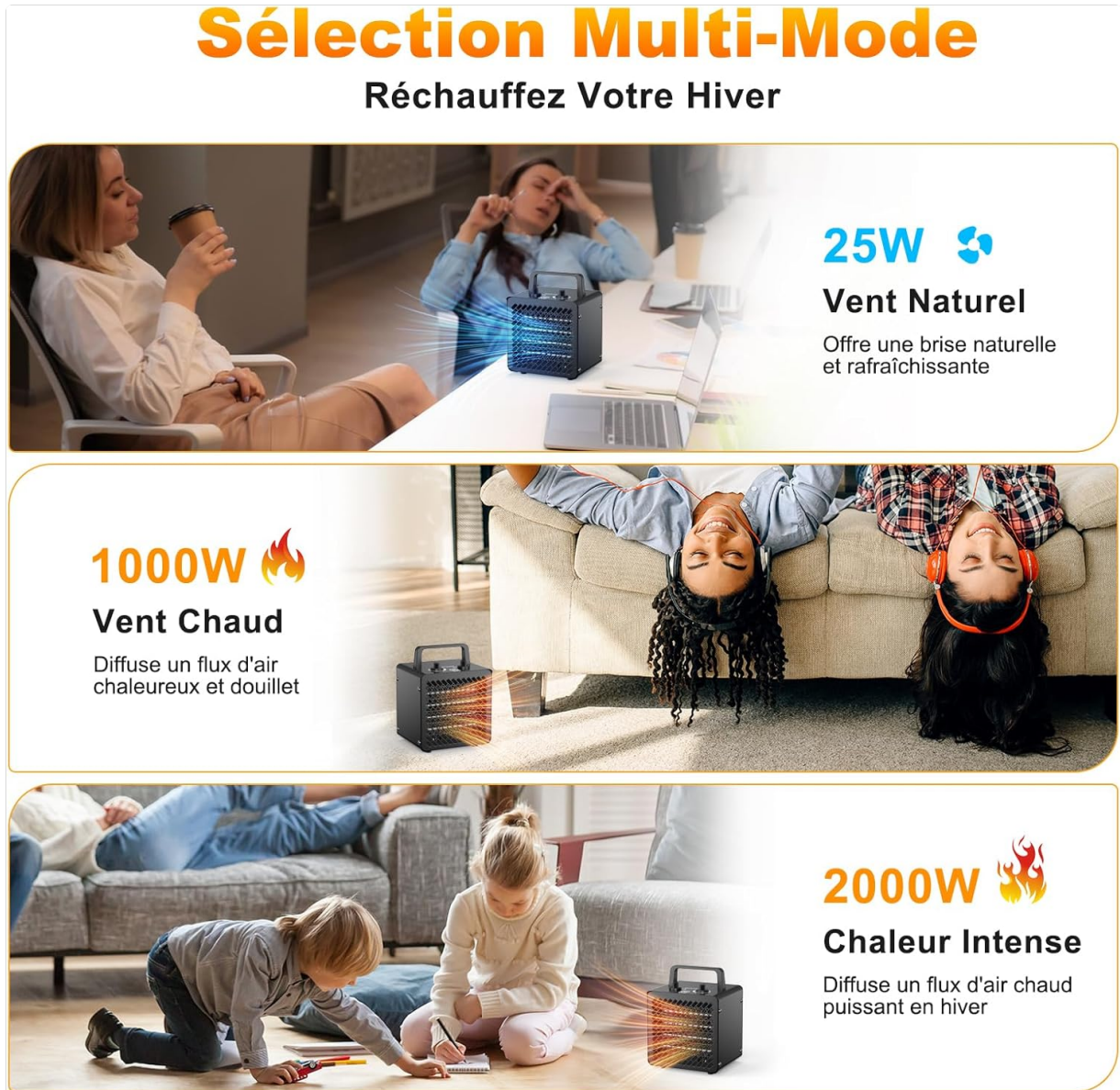


Image 6.1: Illustration of the three versatile operating modes for different heating needs.

- Power On:** Turn the Power/Mode selector knob clockwise from '0' to select your desired mode:
 - **Fan Only (25W):** For air circulation without heat.
 - **Low Heat (1000W):** For moderate heating.
 - **High Heat (2000W):** For rapid and intense heating.
- Set Thermostat:** Turn the Thermostat Control knob clockwise to the maximum setting (marked with '+'). Once the room reaches a comfortable temperature, slowly turn the thermostat knob counter-clockwise until the heater turns off. The heater will now automatically cycle on and off to maintain this set temperature.
- Power Off:** To turn off the heater, turn the Power/Mode selector knob counter-clockwise to the '0' position. Unplug the heater from the wall outlet when not in use.

Note: The heater features an automatic on/off function controlled by the thermostat. When the desired temperature is reached, the heating element and fan will stop. They will reactivate automatically when the temperature drops, maintaining a constant comfortable environment. This model does not feature a timer-based automatic shut-off.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your heater:

- **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. Do not immerse the heater in water.
- **Air Intakes:** Periodically vacuum the air intake and exhaust grilles to remove dust and lint. Ensure no foreign objects are blocking the airflow.
- **Storage:** If storing the heater for an extended period, unplug it and allow it to cool. Store it in a cool, dry place, preferably in its original packaging, to protect it from dust and damage.

8. TROUBLESHOOTING

If you encounter issues with your heater, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Heater does not turn on.	No power to the unit; Power/Mode knob not set; Overheat protection activated.	Check power cord connection and wall outlet. Ensure Power/Mode knob is set to a heating mode (1000W or 2000W) or Fan Only. Unplug, wait 30 minutes for cooling, then plug in again.
Heater produces no heat in heating modes.	Thermostat set too low; Overheat protection activated.	Increase thermostat setting. Unplug, wait 30 minutes for cooling, then plug in again. Ensure air intakes are not blocked.
Heater cycles on and off too frequently.	Thermostat set too close to room temperature; Heater placed too close to a wall or obstruction.	Adjust thermostat to a slightly lower setting. Relocate heater to an open area.
Unusual noise or smell.	Dust accumulation; Internal component issue.	Unplug and clean the heater thoroughly. If the issue persists, discontinue use and contact customer support.

If the problem persists after attempting these solutions, please contact DAHTEC customer support.

9. TECHNICAL SPECIFICATIONS

Detailed specifications for the DAHTEC Ceramic Electric Heater 2000W:

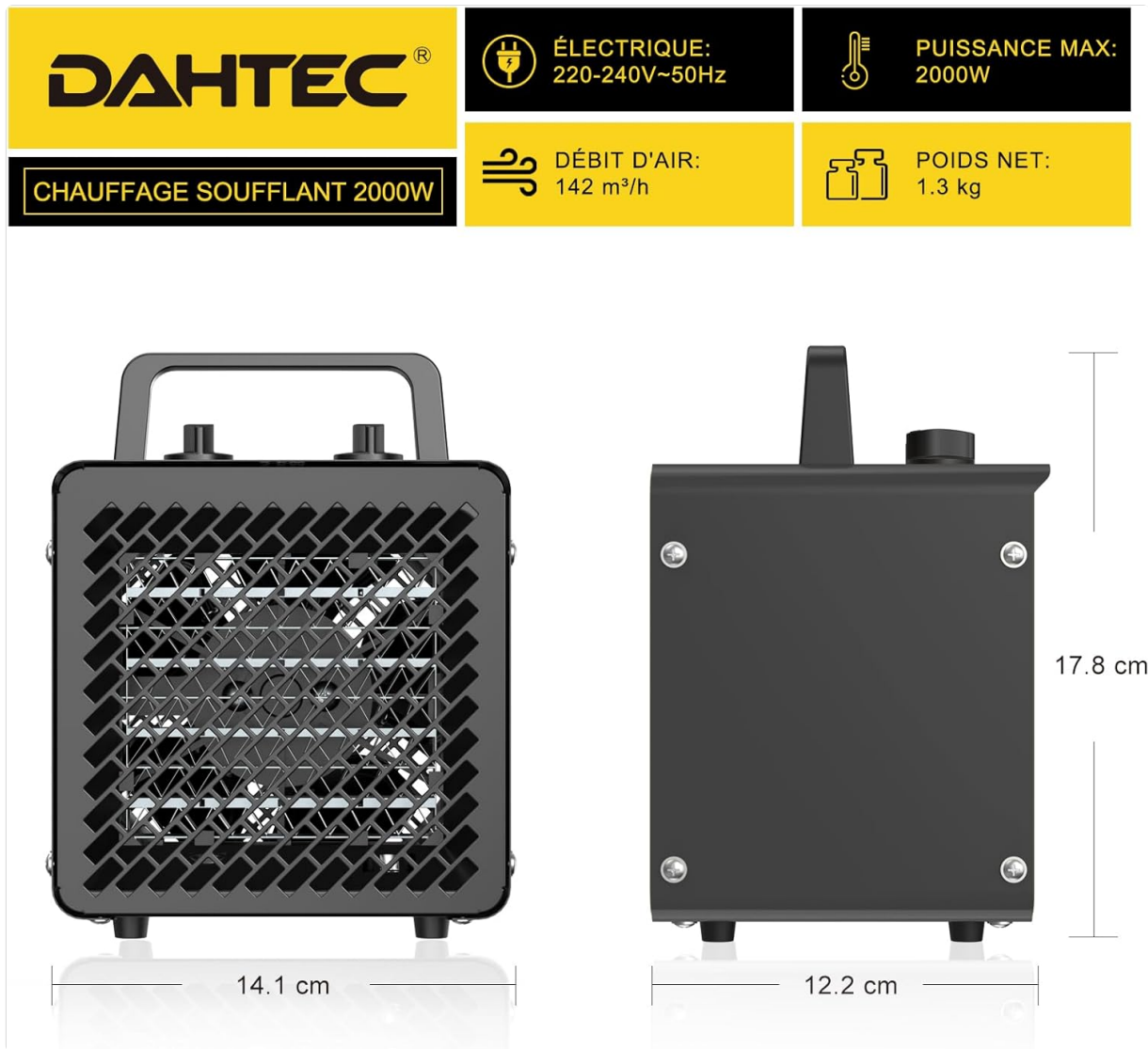


Image 9.1: Product dimensions for the DAHTEC Ceramic Electric Heater.

- **Model:** BGP2305-20
- **Rated Voltage:** AC 220-240V~50Hz
- **Rated Power:** 2000W (3 adjustable levels: 25W, 1000W, 2000W)
- **Rated Current:** 8.3-9.1A
- **Recommended Room Area:** Up to 20 m²
- **Overheat Protection Trigger Temperature:** 85°C
- **Max Airflow:** 142 m³/h
- **Air Speed:** 2.7 m/s
- **Protection Rating:** IP20 (Indoor use only)
- **Operating Temperature:** -15 to 25°C
- **Noise Level:** 50 dB
- **Product Dimensions (L x W x H):** 14.1 x 12.2 x 17.8 cm
- **Item Weight:** 1.3 kg
- **Special Features:** Steel Body, Portable, Overheat Protection, Manual Thermostat, Energy Efficient
- **Power Source:** AC
- **Heating Method:** Forced Air
- **Recommended Use:** Home, Office, Workshop, Garage, etc.

- **Mounting Type:** Floor Mount

10. WARRANTY AND SUPPORT

DAHTEC is committed to providing comprehensive support for its products.

- **Warranty Information:** Specific warranty details may vary by region. Please refer to the warranty card included with your product or contact customer support for details.
- **Customer Support:** For any questions, technical assistance, or to report issues, please contact us via the Amazon platform where you purchased the product. Our team is dedicated to providing quick solutions and support.
- **Online Resources:** Detailed user manuals and online video tutorials are available to assist you with product setup and operation.

11. ENVIRONMENTAL PROTECTION

Do not dispose of electrical appliances as unsorted municipal waste. Use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.