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› BLACK+DECKER Heat Gun for Crafts, Corded, Dual Heat Settings up to 1000 Degrees, 1350 Watt (HG1300) - Instruction Manual

BLACK+DECKER HG1300

BLACK+DECKER HG1300 Heat Gun Instruction Manual

MODEL: HG1300

BRAND: BLACK+DECKER

1. Introduction

The BLACK+DECKER HG1300 Dual-Temperature Heat Gun is a versatile and powerful tool designed for a wide range of applications, from home improvement tasks to craft projects. Featuring dual heat settings (750°F and 1,000°F) and a lightweight, compact design, it offers both performance and ease of use. This manual provides essential information for the safe operation, proper maintenance, and effective troubleshooting of your heat gun, ensuring optimal performance and longevity.



Figure 1: Overall view of the BLACK+DECKER HG1300 Heat Gun.

2. Important Safety Information

Always adhere to the following safety guidelines to prevent injury or damage to the tool and workpiece. This heat gun produces high temperatures; exercise extreme caution during operation.

- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including heat-resistant gloves and eye protection, when operating the heat gun.
- **Ventilation:** Ensure adequate ventilation in your work area, especially when working with materials that may release fumes (e.g., paint, adhesives).

- **Flammable Materials:** Keep all flammable liquids, gases, and materials away from the heat gun's nozzle and heated surfaces.
- **Cool Down:** Allow the heat gun to cool down completely before storing. Utilize the built-in stand for safe cooling.
- **Hot Surfaces:** Do not touch the hot nozzle or any heated surfaces of the tool during or immediately after operation.
- **Unplug When Not in Use:** Always unplug the heat gun from the power outlet when not in use, before cleaning, or before performing any maintenance.
- **Intended Use:** Use the heat gun only for its intended purpose as described in this manual.

3. Components and Features

Familiarize yourself with the key components of your BLACK+DECKER HG1300 Heat Gun:

- **Nozzle:** The metal outlet where hot air is expelled.
- **Power Switch:** Controls the power and temperature settings (OFF, Low, High).
- **Handle:** Ergonomically designed for comfortable grip and control.
- **Built-in Stand:** A wire stand located at the base of the handle that allows the heat gun to rest securely in an upright position for hands-free operation or cooling.
- **Power Cord:** For connecting to an electrical outlet.



Figure 2: Close-up of the dual-temperature switch.



Figure 3: The integrated stand for stable cooling.

4. Setup

Before operating your heat gun, follow these simple setup steps:

1. **Unpacking:** Carefully remove the heat gun from its packaging and inspect it for any signs of damage. Do not use the tool if it appears damaged.
2. **Power Connection:** Ensure the power switch is in the 'OFF' (0) position before plugging the heat gun into a standard 120V AC power outlet.
3. **Work Area:** Prepare your work area by ensuring it is clean, well-ventilated, and free of flammable materials.

5. Operating Instructions

The BLACK+DECKER HG1300 Heat Gun offers two temperature settings for various tasks:

- **Setting I (Low):** Approximately 750°F (400°C) - Suitable for delicate tasks, drying, and softening materials.
- **Setting II (High):** Approximately 1,000°F (540°C) - Ideal for heavy-duty tasks like paint stripping, loosening rusted parts, and thawing pipes.

To Operate:

1. Plug the heat gun into a suitable power outlet.
2. Slide the power switch to the desired temperature setting (I or II). The heat gun will begin to heat up immediately.
3. Allow a few moments for the heat gun to reach its operating temperature.
4. Direct the hot air flow towards the workpiece, maintaining a safe distance to avoid scorching or damage. The

optimal distance will vary depending on the material and application.

5. When finished, slide the power switch back to the 'OFF' (0) position.
6. Place the heat gun on its built-in stand and allow it to cool down completely before storing.

6. Applications

The BLACK+DECKER HG1300 Heat Gun is suitable for numerous applications:

- **Paint and Varnish Stripping:** Softens old paint and varnish for easy scraping.
- **Loosening Adhesives:** Helps to remove stickers, decals, and other adhesive-backed materials.
- **Thawing Frozen Pipes:** Safely thaws frozen water pipes (exercise extreme caution and avoid direct contact with plastic pipes).
- **Loosening Rusted Nuts and Bolts:** Heat can expand metal, making it easier to loosen stubborn fasteners.
- **Shrink Wrapping:** Ideal for applying heat-shrink tubing or films.
- **Crafts and Resin Projects:** Can be used to remove bubbles from resin or for various craft applications.



Figure 4: Using the heat gun to strip paint from a window frame.



Figure 5: Applying heat to loosen a rusted bolt.



Figure 6: Thawing a frozen pipe with the heat gun.



Figure 7: Stripping paint from furniture, demonstrating precision.

7. Maintenance

Regular maintenance ensures the longevity and safe operation of your heat gun:

- **Cleaning:** Always unplug the heat gun before cleaning. Wipe the exterior with a damp cloth. Do not use harsh chemicals, abrasive cleaners, or immerse the tool in water.
- **Air Vents:** Periodically check and clear the air intake and exhaust vents of any dust, debris, or obstructions. Blocked vents can lead to overheating.
- **Cord Inspection:** Regularly inspect the power cord for cuts, fraying, or damage. If damaged, have it repaired by a qualified service technician.
- **Storage:** Store the heat gun in a dry, secure location, out of reach of children and away from extreme temperatures. Ensure it is completely cool before storage.

8. Troubleshooting

Refer to this section for common issues and their solutions:

Problem	Possible Cause	Solution
Heat gun does not turn on.	No power to the outlet; Switch not fully engaged.	Check power connection and outlet. Ensure the switch is firmly in position I or II.
Insufficient heat output.	Incorrect temperature setting; Blocked air vents.	Ensure the heat gun is set to Setting II (1,000°F) for maximum heat. Clear any obstructions from air vents.

Problem	Possible Cause	Solution
Heat gun overheats or shuts off during use.	Blocked air vents; Thermal overload protection activated.	Unplug the unit and allow it to cool down for 15-20 minutes. Clear air vents. If problem persists, contact service.

9. Specifications

Technical specifications for the BLACK+DECKER HG1300 Heat Gun:

Feature	Specification
Model Number	HG1300
Power Source	Corded Electric
Wattage	1350 watts
Voltage	120 Volts
Temperature Settings	750°F (Low), 1000°F (High)
Item Weight	1.63 pounds (739 Grams)
Product Dimensions (L x W x H)	9.38" x 3" x 9.63"
Color	Black/Orange

10. Warranty and Support

Warranty: The BLACK+DECKER HG1300 Heat Gun comes with a 2-year limited warranty. Please retain your proof of purchase for warranty claims.

Support: For technical assistance, service, or to inquire about warranty claims, please contact BLACK+DECKER customer service or visit their official website. You can also refer to the official Instructions for Use (IFU) PDF document for additional details: [Instructions for Use \(IFU\) \(PDF\)](#).

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