

DELIXI Electric Hot Air Gun DHCHG11600 English Instruction Manual

(Based on the Chinese version of the DELIXI DHCHG11600 Hot Air Gun User Manual)

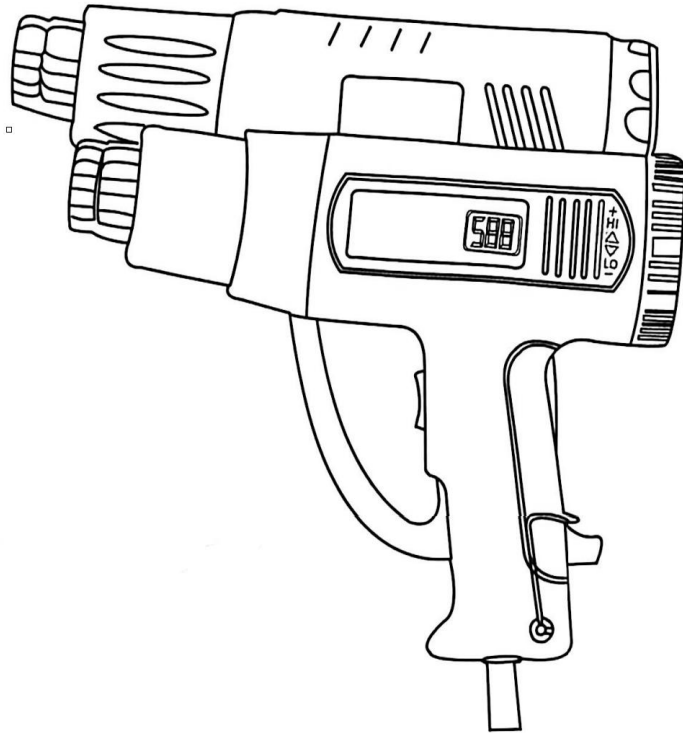
Cover & Warnings

DELIXI ELECTRIC

Hot Air Gun Instruction Manual

Models: DHCHG11600, DHCHG12000, DHCHG21600, DHCHG22000, DECPHGW21600

Images are for reference only. Product specifications may vary.



Important: Read all instructions carefully before use.

Safety Warnings

GENERAL ELECTRIC TOOL SAFETY ALERTS

WARNING!

- Failure to follow warnings and instructions may result in electric shock, fire, or serious injury.
- Keep all warnings and manuals for future reference.

KEY SAFETY RULES

1. Workplace Safety

- Keep the work area clean and well-lit. Cluttered or dark spaces increase accident risks.
- Do not operate in explosive environments (e.g., flammable liquids, gases, or dust). Sparks may ignite particles.
- Keep children and bystanders away during operation.

2. Electrical Safety

- Use only approved plugs and sockets. Do not modify plugs.
- Avoid contact with grounded surfaces (e.g., pipes, radiators).
- Do not expose the tool to rain or moisture.
- Never carry the tool by its cord or yank the cord to unplug.

3. Personal Safety

- Stay alert and focused. Do not operate when tired or under the influence of drugs/alcohol.
- Wear protective gear: safety goggles, dust masks, anti-slip shoes, and hearing protection.
- Ensure the switch is in the "OFF" position before connecting power.

Operating Precautions

1. Tool Use

- Use only for intended purposes. Improper use may cause hazards.
- If the switch fails to control power, stop use immediately and repair.
- Unplug the tool before adjustments, accessory changes, or storage.

2. Maintenance

- Regularly inspect for damage (e.g., frayed cords, broken parts).
- Keep cutting tools sharp and clean.
- Store in a dry, secure location away from children.

3. Environmental Notes

- In damp or conductive environments (e.g., metal frames), use Class II tools or residual current devices (RCDs).
- Do not disassemble safety guards (e.g., protective covers).

Hot Air Gun-Specific Rules

1. Before Power-On

- Confirm the switch is in the "OFF" position.
- Use only the voltage specified on the tool's label.

2. Temperature & Safety

- Maximum temperature: **590°C** (DHCHG11600/21600), **650°C** (DHCHG12000/22000).

- Always wear heat-resistant gloves and goggles.
- Do not use on animals, clothing, or hair.

3. **Ventilation & Fire Hazards**

- Operate in well-ventilated areas.
- Fumes from plastics, paints, or adhesives may be toxic.
- Keep heat away from flammable materials (e.g., curtains, paper).

Applications & Specifications

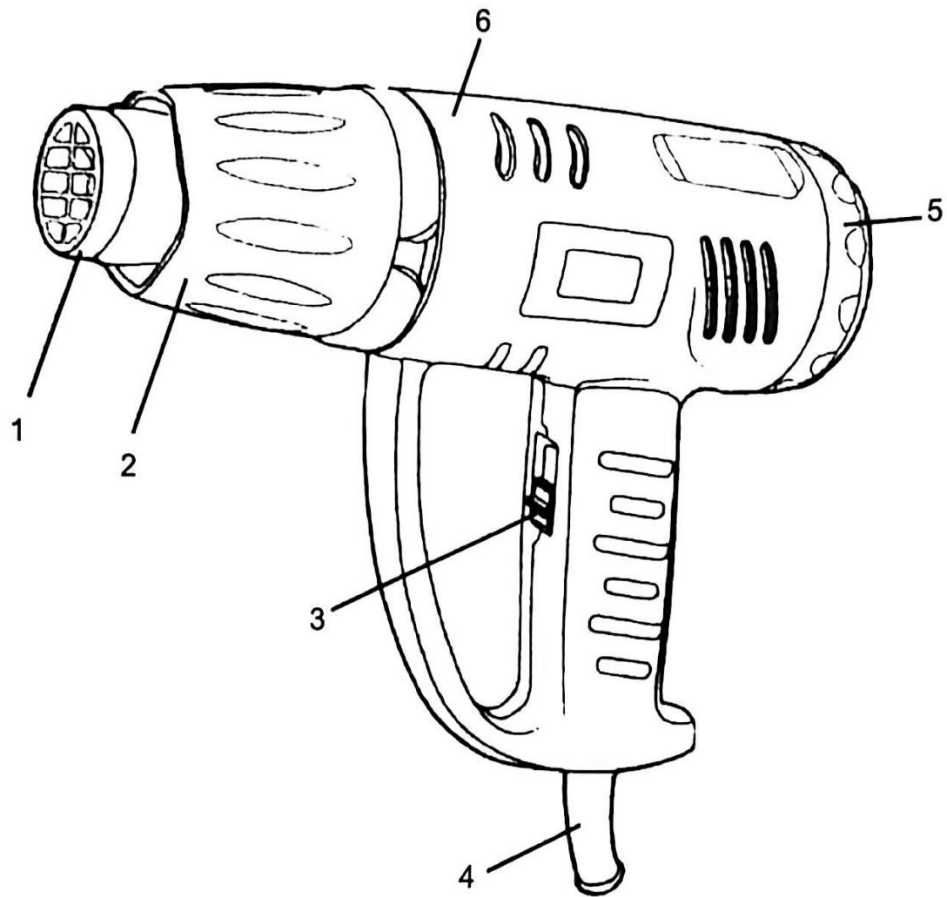
Typical Uses

- Remove paint/coatings from wood/metal.
- Soften adhesives, thaw frozen locks, or shrink PVC tubing.
- *Warning:* Do not use with flammable solvents (e.g., acetone).

Technical Specifications (DHCHG11600)

Parameter	Value
Voltage	220V AC, 50Hz
Power	1600W
Temperature	60–590°C (adjustable)
Airflow (Low)	320–360 L/min
Airflow (High)	460–480 L/min
Weight	0.91 kg

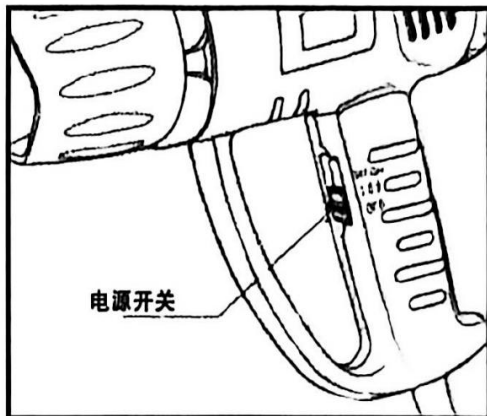
Component Names



1. Hot Air Nozzle
 2. Protective Sleeve
 3. Power Switch
 4. Power Cord Guard
 5. Temperature Dial
 6. Main Unit
-

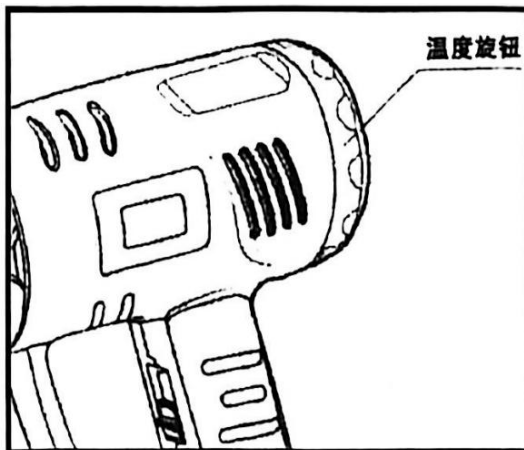
Operation Guide

Switch Functions



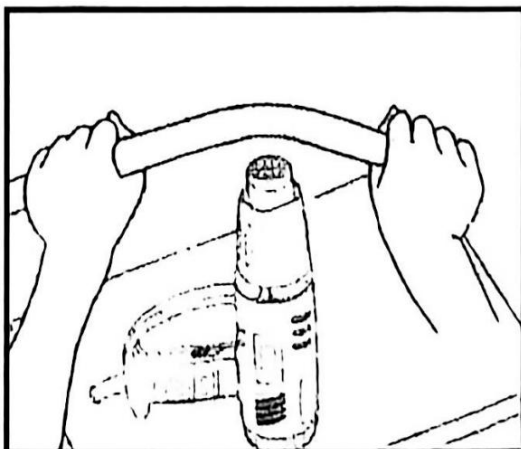
- **OFF:** Tool off.
- **LOW:** Low-speed airflow.
- **HIGH:** High-speed airflow.

Temperature Adjustment



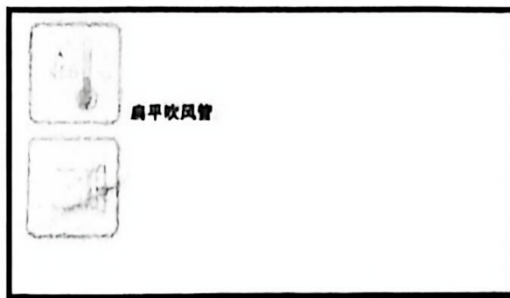
- Rotate the dial clockwise to increase temperature, counterclockwise to decrease.
- Allow 1 minute to reach the set temperature.

Vertical Operation



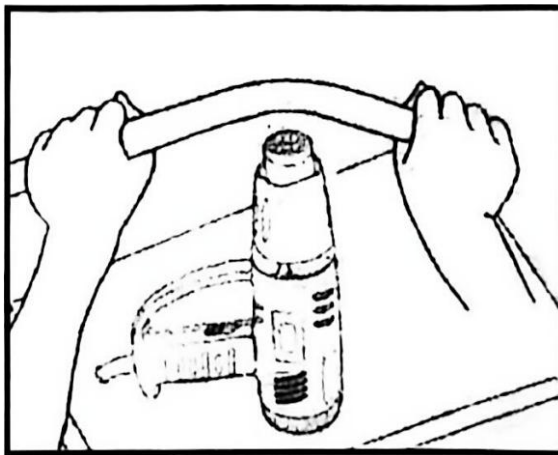
- For cooling or hands-free use, place the tool upright on a stable surface.
- *Caution:* Avoid contact with the hot nozzle.

Paint/Adhesive Removal



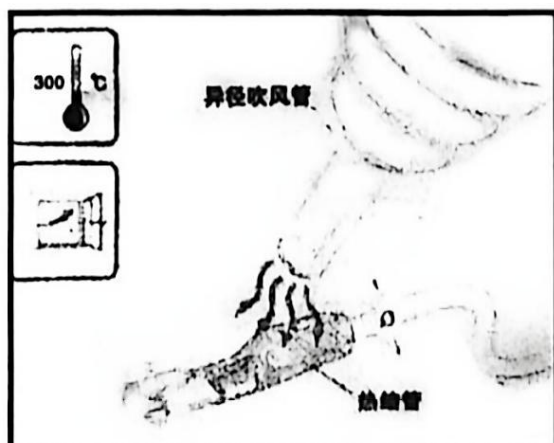
1. Attach the flat nozzle.
2. Set temperature to **150–230°C** for paint or **230–290°C** for adhesives.
3. Heat the surface evenly, then scrape off softened material with a sharp tool.
4. *Warning:* Lead-based paint fumes are toxic. Use in ventilated areas.

Bending Plastic Pipes



1. Block both ends of the pipe to prevent kinking.
2. Move the nozzle evenly along the pipe while heating.
3. Bend the pipe slowly after it becomes pliable.

Shrinking Heat-Shrink Tubing



1. Select a heat-shrink tube size matching the object (e.g., wire joints).
 2. Heat the tube uniformly until it tightens around the object.
 3. *Caution:* High temperatures may melt thin plastics.
-

Temperature Guidelines for Common Tasks

Task	Recommended Temperature
Thawing frozen pipes	205–230°C (400–450°F)
Softening dry paint/powder	230–290°C (450–550°F)
Removing adhesives	425–455°C (800–850°F)
Loosening rusted bolts	480–510°C (900–950°F)
Paint stripping (wood/metal)	≥550°C (1022°F)

Safety Notes

- Wear gloves and goggles at all times.
- Keep the nozzle at least 16 mm (0.6 inches) away from surfaces.
- Do not concentrate heat on glass or plastic for extended periods.

Maintenance & Storage

1. **Daily Checks**
 - Inspect for damaged cords, plugs, or switches.
 - Clean air vents to prevent overheating.
 2. **Long-Term Storage**
 - Allow the tool to cool completely before storing.
 - Keep away from moisture and extreme temperatures.
 3. **Repair**
 - Use only genuine DELIXI replacement parts.
 - Contact authorized service centers for repairs.
-

Warranty & Support

- **Warranty:** 1 year (subject to terms).
- **Service Hotline:** +86-400-826-8008
- **Address:** DELIXI Electric Industrial Park, Liushi, China.

Note: Specifications subject to change without notice.

