



HEAT ELITE PRO™ Heat Gun

Operating Instructions

SAFETY INSTRUCTIONS

Danger! When working with hot-air tools it is vital to follow the following preventive safety guidelines to avoid the risk of fire, explosion, electric shock and bodily injuries. Read these instructions attentively before you use the tool. Keep these instructions in a safe place.

⚠ Warning

- **Danger! Unplug the tool before opening it, as live components and connections are exposed.**
- **The appliance must not be used in damp or wet surroundings.**
- **Avoid contact with earthed items, e.g. pipes, radiators, cookers or refrigerators.**
- **Do not use in bathroom or over water.**
- **Danger of fire and explosion through improper use of hot-air tools. Beware of poisonous gases, risk of explosion and ignition. When plastics, lacquers and similar materials are being processed, toxic, explosive and poisonous gases can be generated.**
- **The working space must always be well ventilated.**

⚠ Caution

- The **voltage rating** stated on the tool should correspond to the mains voltage.
- **Avoid unexpected start-up. Temperature-limit-switch** heating off in case of improper use. Attention! Heating is automatically switched on again after cooling.
- Ensure that the switch is OFF when connecting to the mains supply.
- For personal protection, we strongly recommend the tool be connected to an **RCCB (Residual Current Circuit Breaker)** before using.
- The tool **must not be operated without supervision.**
- Do not use the tool if inflammable gases may be present. Areas behind shutters, ceilings and floors and in hollow walls may contain flammable material. These materials must be checked before using the hot-air tool. Heat may reach materials which are not visible. Do not aim the stream of hot air at the same spot for extended periods.
- **Cause burns!** Do not touch the element housing, nozzle and adapter when hot as they can cause **burns**. Never use the tool as a hair dryer. It gets much hotter than a hairdryer!
- **Do not point the hot air flow in the direction of people or animals.**
- Keep children at a distance. Do not allow other people to touch the tool or cord, keep them away from the work area.
- Consider **work area environment**. Protect tool from **damp and wet conditions**.
- Keep your work area clean. Cluttered areas and benches invite injuries.
- Do not wear loose or flammable clothing.
- Don't overreach. Keep proper footing and balance of all times.
- Use only **accessories** which are indicated in the instructions for use or are recommended by the manufacturer. The use of accessories other than those indicated in the instruction for use can mean risk of injury.

OPERATING REQUIREMENTS

- The tool **must not be used lying flat nor permanently directed downwards.**
- Ensure that the air inlet openings and the nozzle outlet are not obstructed, as this can lead to excessive heat build-up and thus to damage to the tool.
- After use **put the tool on its stand** and allow it **to cool down completely** before packing it away.

Do not misuse the cord

- Do not carry the tool by the cord, and do not use the cord to pull the plug out of the socket.
- Protect the cord from heat, oil and sharp edges.
- Do not wind the cord around the tool.
- Use only permitted and correspondingly marked extension cords.
- Take care of your tool. Follow the maintenance rules and the instructions for nozzle change.
- Check the plug and cord regularly; if they are damaged have them replaced by a recognized service center.
- Check the extension cords regularly and have damaged ones replaced by a electric specialist.

Inspection after damage

- Before further use of the tool, slightly damaged parts should be carefully checked to ensure that can fulfill their function correctly and in accordance with requirements. Damaged tools must be repaired by an authorized service center. Never use a tool if its switch will not switch on and off.
- Nozzles must be fitted firmly and safely to the tool. Check: no hot air must flow to the tool itself - the tool would be damaged.
- Keep the handles free of oil and grease.

Storage of hot-air tools

- Hot-air tools which are not in use should be stored in a dry enclosed place out of the reach of children.

USES FOR HEAT ELITE PRO™ HEAT GUN

Shrinking

- Shrinking of shrink tubes for a variety of wiring insulation, sealing, strain relieve and mechanical protection
- Shrinking on packing and postal packets
- Shrink-rapping of electrical components such as condensers, batteries and connectors

Soldering

- Soldering with tin solder (60% Sn, 40% Pb) and special silver solder
- Desolder from SMD components
- Soldering together of cable shoes
- Unsoldering of soldered joints

Welding

- Of thermoplastic parts in HD-PE, PP, PPEPDM, ABS, PC, PFC-U. With welding rods it is possible to repair vehicle parts, ski surfaces, surfboards, plastic boats
- PVC and linoleum floor can be repaired with welding rod
- Overlap welding of foils for biotops and swimming pools

Forming

- Forming Acrylic, PVC and polystyrene articles
- Forming of pipes, sheets and profils
- Forming wet wood (putting into shape and then drying with hot air)

Drying

- Drying of colour samples, applied fillers, adhesives and polyester putties
- Drying of formed parts
- Drying of building joints before spraying insulation or sealant

Uses for HEAT ELITE PRO™ Heat Guns (cont.)

Paint stripping

- Stripping of all oil and lacquer, even in thick layers, from furniture and paneling, guttering, banisters and windows. Heat the layer of paint until blisters form, then remove cleanly with a paint knife, paint scraper or wire brush. For windows use glass-protecting nozzle.
- Remove plastic-plaster with hot air and spatula

Thawing

- Thawing iced-up steps, car locks, boot-lids and doors, and water pipes
- De-frosting refrigerators and deep-freezes (do not heat the plastic walls, as this could lead to deformation or damage)

Adhesives

- Gluing large surfaces with contact adhesive by warming and lengthening setting time
- Activation of adhesives
- Acceleration of gluing processes by shortening the setting time of 2-component adhesives
- Loosing screwed connections which are adhesive-fastened, PVC stickers, e.g. on commercial and private vehicles
- Fastening or removing of edge-bandings

Disinfecting

- With hot air at 550°C rabbit hutches, dovecotes, etc. are rapidly freed of bacteria and insect pests
- Destruction of woodworm. Do not over heat the surface of the wood (fire danger!)

Paint stripping

- When removing paint care should be exercised, particularly if the paint contains lead pigments. Buildings dating from before 1960 may well have been painted with lead-containing paint which has subsequently been painted over. Before starting work, it is important to determine whether the paint which you wish to remove contains lead. This can be determined using a lead test kits or by a professional decorator. **Lead terms and dust containing lead particles are extremely dangerous.** Small children and pregnant women are particularly endangered and should be kept away from renovation work in which lead-based paints are being removed. When removing lead-containing paints you should ensure that the work space is shut off from its surroundings. We recommend that a dust-mask should be worn. You should not smoke, eat or drink in work spaces which may be contaminated by lead. Do not burn off the paint. The hot air temperature should remain below 450 °C.

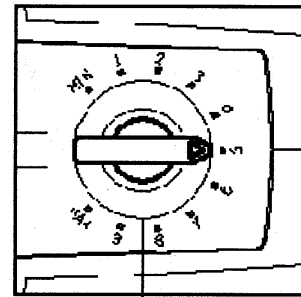
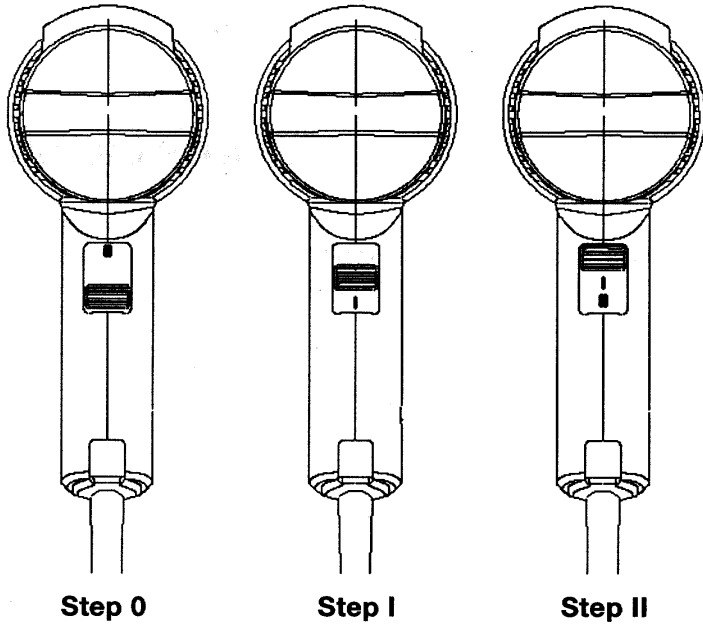
HEAT ELITE PRO™ SET UP

- As required, push-fit appropriate nozzle.
- The voltage rating stated on the tool should correspond to the mains voltage.
- Power cord and plug must be in perfect condition.
- **The tool must be used only for the applications indicated in the instructions for use.**
- Always keep the tool and air inlets clean.

HEAT ELITE PRO™ OPERATING PRINCIPLES

Connect tool to main supply.

- Step-switch position **0** : **Tool is switched off**
- Step-switch position **I** : Tool heats to **450°C**. Air flow 380 l/min
- Step-switch position **II** : Tool heats to **550°C**. Air flow 550 l/min

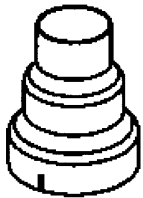


Potentiometer for infinitely temperature adjustment

Cooling down the tool

- 1) Potentiometer on setting MIN
- 2) Switch on step II

Accessories



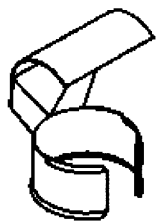
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Cat. No. 46-950



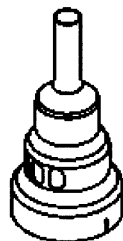
Glass Protection Adapter
Cat. No. 46-951



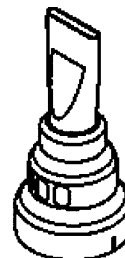
Wide Slot Adapter
Cat. No. 46-954



Small Deflector Adapter
Cat. No. 46-941



Welding Rod Adapter
Cat. No. 46-952



Overlap Adapter
Cat. No. 46-955

WARRANTY & SERVICE POLICY

Each unit is warranted to be free from defects in materials and workmanship under normal use and service for a period of 12 months after the date of purchase. The obligations of IDEAL under this warranty shall be limited to repairing at the Sycamore, Illinois manufacturing facility any unit which shall, within the 12 month period, be returned to us with the transportation charges prepaid, and with our examination shall disclose to our satisfaction to have been defective. This warranty shall not apply to any model which has been altered or repaired outside the factory in any way so as to affect its operation nor which has been subject to misuse, negligence, accident or installed or operated in any other way than in accordance with our instructions, nor shall this warranty extend to repairs or replacement made necessary by the use of accessories not recommended by IDEAL.

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