

Clarke®



HOT AIR GUN

MODEL No. CHG 1500B

Part No. 3400751

CE

OPERATING & MAINTENANCE INSTRUCTIONS



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Thank you for selecting this CLARKE Hot Air Gun, which is designed for DIY and professional use alike.

Before attempting to use the tool, please read this leaflet thoroughly and follow the instructions carefully. In doing so you will ensure the safety of yourself and that of others around you, and you can look forward to the Hot Air Gun giving you long and satisfactory service.

GUARANTEE

This product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt therefore, as proof of purchase. This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission. This guarantee does not effect your statutory rights.



When disposing of this product, ensure it is disposed of according to all local ordinances. It must not be disposed of with general household waste.

FEATURES

The Hot Air Gun provides two temperatures/air speeds for varying applications.

The tool employs double insulation for extra protection, and a thermal cutout to protect against overheating.

A Protection Nozzle is supplied, for use when stripping window frames, or similar, where hot air is prevented from training directly upon the glass, (ie. to one side of the hot air flow).

SAFETY PRECAUTIONS

GENERAL SAFETY PRECAUTIONS F3OR POWER TOOLS / MACHINERY

WARNING:

As with all power tools and machinery, there are certain hazards involved with their operation and use. Exercising respect and caution will considerably lessen the risk of personal injury. However, if normal safety precautions are overlooked or ignored, personal injury to the operator or damage to property, may result.

1. READ and BECOME FAMILIAR with the entire operating manual. Learn the machines' applications, limitations and the specific potential hazards peculiar to it.
2. EARTH ALL TOOLS. If the tool/machine is equipped with three-pin plug, it should be plugged into a three-pin socket. Never remove the earth pin.
3. ALWAYS ensure that ADEQUATE LIGHTING is available. A minimum intensity of 300 lux should be provided. Ensure that lighting is placed so that you will not be working in your own shadow.
4. CHECK for DAMAGE. Before using the tool/machine, any damaged part should be checked to ensure that it will operate properly and perform its intended function. Check for alignment of moving parts, breakage of parts, mountings and any other condition that may affect the machines' operation. Any damage should be properly repaired or the part replaced. If in doubt, DO NOT USE the machine. Consult your local dealer.
5. DISCONNECT the TOOL/MACHINE from the power supply before servicing and when changing accessories.
6. ALWAYS WEAR SAFETY GOGGLES manufactured to the latest European Safety Standards. Everyday eyeglasses do not have impact resistant lenses, they are NOT safety glasses.
7. KEEP WORK AREA CLEAN. Cluttered areas and benches invite accidents.
8. DON'T FORCE the machine. It will do a better and safer job at the rate for which it was designed.
9. ALWAYS use a face or dust mask if operation is particularly dusty.
10. DRUGS, ALCOHOL, MEDICATION. Do not operate tool/machine while under the influence of drugs, alcohol or any medication.
11. USE RECOMMENDED ACCESSORIES. The use of improper accessories could be hazardous.
12. NEVER LEAVE MACHINE RUNNING UNATTENDED. Turn power OFF. Do not leave the machine until it comes to a complete stop.

13. ALWAYS REMOVE PLUG from electrical outlet when adjusting, changing parts, or working on the tool.
14. AVOID DANGEROUS ENVIRONMENT. Don't use power tools in damp or wet locations or expose them to rain. Keep your work area well illuminated. DO NOT USE in explosive atmosphere (around paint, flammable liquids etc.).
15. KEEP CHILDREN AWAY. All visitors should be kept a safe distance from the work area, especially whilst operating the machine.
16. MAINTAIN MACHINE IN TOP CONDITION. Keep tools/machines clean for the best and safest performance. Follow maintenance instructions.
17. DON'T OVERREACH. Keep your proper footing and balance at all times. For best footing, wear rubber soled footwear. Keep floor clear of oil, scrap wood, etc.
18. WEAR PROPER APPAREL. Loose clothing or jewellery may get caught in moving parts. Wear protective hair covering to contain long hair.
19. HANDLE WITH EXTREME CARE Do Not carry the tool/machine by its' electric cable, or yank the cable to disconnect it from the power supply .
20. AVOID ACCIDENTAL STARTING. Ensure the switch is OFF before plugging in to mains.
21. BE AWARE that accidents are caused by carelessness due to familiarity. ALWAYS concentrate on the job in hand, no matter how trivial it may seem.

ADDITIONAL PRECAUTIONS FOR HOT AIR GUNS

1. Do not use the tool if the electric cable, plug or the motor, is in poor condition.
2. Keep the mains cable well away from the gun, particularly if laying it down temporarily during an operation - use a rest.
3. Always ensure an adequate electrical supply is close at hand so that the operation is not restricted by the length of the cable.
4. NEVER point the gun at any person or animal.
5. When finished with, take great care to place the tool where it cannot cause damage to property or other equipment, and cannot be accidentally touched by persons in the area. Wherever possible, stand upright to cool.
6. NEVER use in an inflammable atmosphere, eg., where petrol vapours etc. are present.
7. Be aware that heat generated by the gun could cause materials in the vicinity of the operation to ignite - particularly in confined spaces. Take all necessary precautions - have a fire extinguisher, or means to extinguish a fire, to hand.
8. DO NOT touch the nozzle and ALWAYS wear safety gloves.
9. NEVER use the gun as a hair dryer.
10. Switch the machine OFF immediately the task is completed and allow it to cool completely before storing.

11. Never allow the ventilation slots in the machine to become blocked.
12. Be aware that fumes given off by paint etc., COULD be toxic. Take ALL necessary precautions - consult paint manufacturer etc. where necessary.
13. Take care not to drop the gun at any time as this could seriously damage the heating elements.
14. Do not attempt any electrical repair yourself. Consult a qualified electrician, or our Service Dept. on 0208 988 7400

Additionally, keep these instructions in a safe place for future reference.

ELECTRICAL CONNECTIONS

This product is provided with a standard 13 amp, 230 volt (50Hz), BS 1363 plug, for connection to a standard, domestic electrical supply. Should the plug need changing at any time, ensure that a plug of identical specification is used.

WARNING: This appliance is Double Insulated. 

The two wires in the mains lead should be wired up in accordance with the following colour code:

Blue	--	Neutral
Brown	--	Live

- Connect the BROWN coloured cord to the plug terminal marked a letter "L"
- Connect the BLUE coloured cord to the plug terminal marked a letter "N"

If this appliance is fitted with a plug which is moulded on to the electric cable (i.e. non-rewireable) please note:

1. The plug must be thrown away if it is cut from the electric cable. There is a danger of electric shock if it is subsequently inserted into a socket outlet.
2. Never use the plug without the fuse cover fitted.
3. Should you wish to replace a detachable fuse carrier, ensure that the correct replacement is used (as indicated by marking or colour code).
4. Replacement fuse covers can be obtained from your local dealer or most electrical stockists.

FUSE RATING

The fuse in the plug must be replaced with one of the same rating (**13 amps**) and this replacement must be ASTA approved to BS1362.

If in doubt, consult a qualified electrician. Do not attempt any electrical repairs yourself.

CABLE EXTENSION.

Do not use an extension longer than 10 metres

INSTRUCTIONS FOR USE.

With the ON/OFF switch in its central - OFF position, plug the tool into the mains.

Before starting work on a particular workpiece, it is recommended that, where necessary, you heat a test piece to ensure you have the correct heat setting. In addition, you should take steps to protect sensitive or delicate areas where the effect of heat could cause damage. Always plan ahead - preparation is the key.

When all preparations have been completed, switch the tool ON to positions I or II, as required, ensuring it is facing away from you. Bring the tool to the workpiece and maintain a distance of approx. 3cm from the surface.

Paint will rapidly become soft and blister, when it can then be scraped off. Do not allow the paint to burn as this will make the scraping process more difficult.

Heating and scraping is performed simultaneously, with the scraper just following the gun. Clean the scraper blade quickly if paint should stick to it.

Profiled parts may be brushed with a suitable wire brush once the paint is softened.

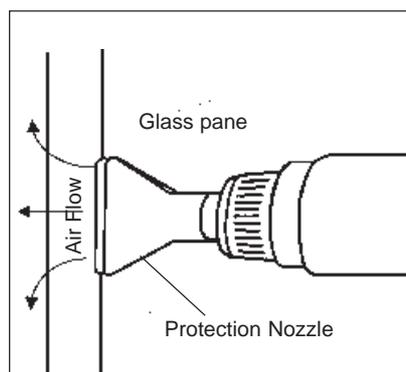
Only one pass is normally required to scrape off paint layers - thick or thin.

Do not point the gun directly at glass, ensure it is adequately protected. A protection nozzle is supplied for use when stripping window frames etc., and is used as follows:

Slide the protection nozzle over the nozzle of the gun, ensuring it is in the right plane so that the gun can be placed comfortably against a window, with the cowl of the protection nozzle backed on to the glass as shown in the diagram.

It will be necessary to change the position of the protection nozzle on the gun as you work around the window pane - ensure you wear adequate glove protection when you do so.

The protection nozzle must be kept in contact with the work, but do not spend too long in any one area.



Forming and Welding Plastic Parts

For bending or forming plastic or polyethylene parts, work slowly and with great care, observing the effects of heat on such materials.

WARNING! With plastics, the temperature range between solid, pliable and liquid states is narrow.

Ungluing and Dissolving Glues

Most adhesives dissolve when heated. Assembled parts may then be disassembled and excessive glue melted away. Take care however, to ensure that the parts from which glue is taken is heat resistant.

Defreezing

The gun is ideal for speeding up the defreezing of water pipes, but take care where plastic pipes are concerned and provide protection against heat damage for paint or wall coverings where necessary.

Drying

Always maintain a minimum distance of 3cm between the end of the nozzle and workpiece. This prevents the gun from overheating and the thermal overload from cutting in. Should this occur however, switch OFF the gun, stand it on its base carefully and allow it to cool down. The thermal switch will cut back in automatically in due course.

MAINTENANCE

The tool is maintenance free, except to ensure the air vents are kept clean at all times. If used in a dusty atmosphere, it may be necessary to clean the tool with compressed air (at low pressure) from time to time.

SPECIFICATIONS

Power Supply	230V~ 50Hz 1Ph.	
Fuse Rating	13Amps	
Net Weight	0.8kg	
Power Rating	I - 1000Watts;	II - 1500Watts
Output Temperature	I - 300°C	II - 500°C
Air Volume	I - 280L/min	II - 480L/min



This product conforms with the following directives:
73/23/EEC and 89/336/EEC

Clarke[®]
INTERNATIONAL

For Spare Parts and Service, please contact your nearest dealer,
or CLARKE International, on one of the following numbers.

PARTS & SERVICE TEL: 020 8988 7400

or e-mail as follows:

PARTS: Parts@clarkeinternational.com

SERVICE: Service@clarkeinternational.com

Please note that the details and specifications contained herein, are correct at the time of going to print. However, CLARKE International reserve the right to change specifications at any time without prior notice.