

Jefferson®

PROFESSIONAL TOOLS & EQUIPMENT



JEFHTGVAR-230

User Manual
v.1.1



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Important: Please read all these instructions before operating this product and save these instructions. This manual has been compiled by Jefferson Tools and is an integrated part of the product with which it is enclosed and should be kept with it for future reference. Make careful note of safety instructions, warnings and cautions. This product should only be used for its intended purpose. Failure to do so may cause damage and/or personal injury and will invalidate the warranty.

This manual describes the purpose for which the product has been designed and contains all the necessary information to ensure its correct and safe use. We recommend that this manual is read before any operation or before performing any kind of adjustment to the product and prior to any maintenance tasks. By following all the general safety instructions contained in this manual you will help to ensure operator safety and extend the potential lifespan of the equipment.

All photographs and drawing in this manual are supplied by Jefferson Tools to help illustrate the operation of the product. Whilst every effort has been made to ensure accuracy of information contained in this manual our policy of continuous improvement determines the right to make modifications without prior warning.

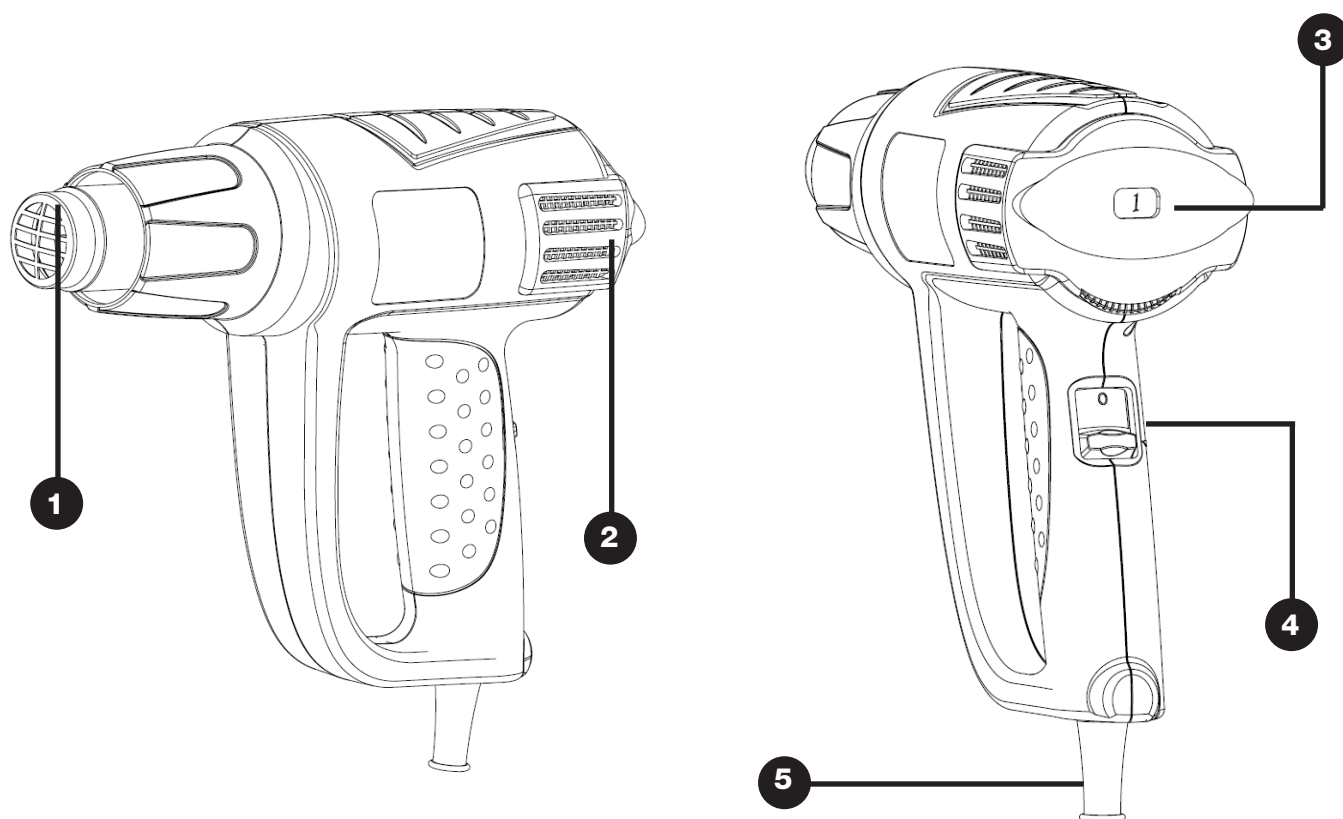
2. Introduction

This heat gun has been designed for stripping paint, soldering pipes, shrinking PVC, welding and bending plastic as well as general drying and thawing purposes.

WARNING! Read this manual and general safety Instructions carefully before using the appliance, for your own safety. Your power tool should only be passed on together with these instructions.

Technical Specifications:

Voltage: 230V ~ 50HZ
Power supply: 2000 W
Air temperature / Flow: [I] 50-450° 250L/min
 [II] 60-600° 500L/min



Number	Description
1	Nozzle
2	Ventilation Cover
3	Temperature Adjustment Control
4	Trigger Switch Settings: O - OFF I - Low Setting: 50-450°C - 250L/Min Airflow II - High Setting: 60-600°C - 500L/Min Airflow
5	Power Cable / Flex



3. Safety Guidelines

Please read all the safety warnings and all instructions carefully before use. Failure to follow all the warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference. The term “power tool” in the warnings refers to your mains operated (corded) power tool or battery operated (cordless) power tool.

Work area

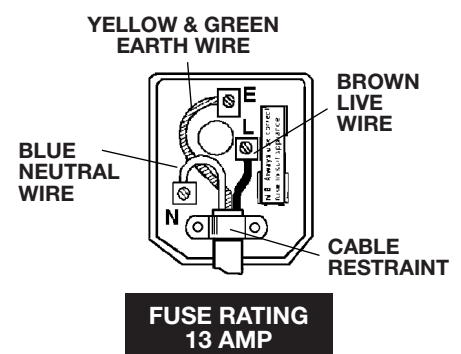
- Keep work area clean and well lit. Cluttered and dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

Electrical safety

- Power tool plugs must match the ratings on the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- If operating a power tool on a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hand hat, or hearing protection used whenever conditions require will reduce personal injuries.
- Avoid accidental starting. Ensure the switch is in the off position before plugging in.
- Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust related hazards.



Power tool use and care

- Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate of which it was designed.
- Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store idle power tool out of the reach children and do not allow persons unfamiliar with the power tool of these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- Maintain power tools. Check for misalignment or sticking of moving parts, breakage of parts and other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with cutting edges are less likely to stick and are easier to control.
- Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from intended could lead to a hazardous situation.

Servicing

Have your power tool serviced as required by a qualified repair person if replacement parts are required repair using only Jefferson approved components. Contact your nearest Jefferson Dealer for further information.

Additional Safety Instructions For Heat Guns

- Do not place your hand over the air vents or block the vents in any way.
- The nozzle and accessories of this tool become extremely hot during use. Let these parts cool down before touching.
- Always switch the tool off before putting it down.
- Do not leave the tool unattended while it is switched on.
- A fire may arise if the appliance is not used with care.
- Heat may be conducted to combustible materials that are out of sight. Do not use in a damp atmosphere, where flammable gases may be present or near combustible materials.
- Allow the tool to cool fully before storing.
- Ensure adequate ventilation as toxic fumes may be produced.
- Do not use as a hairdryer.
- Do not obstruct either the air intake or nozzle outlet, as this may cause excessive heat build up resulting in damage
- Do not direct the hot air blast at other people.
- Do not touch the metal nozzle as it becomes very hot during use and remains hot for up to 30 minutes after use.
- Do not place the nozzle against anything while using or immediately after use.
- Do not poke anything down the nozzle as it could give you an electric shock. Do not look down the nozzle while the unit is working because of the high temperature being produced.
- Do not allow paint to adhere to the nozzle or scraper as it could ignite after some time.

4. Operation Guide

Always observe the safety instructions and applicable regulations.

Use only one hand to hold the tool, do not place your other hand over the air vents

Prior to operation :

- Mount the correct accessory for the application.
- Set the desired air temperature.

Switching On and Off

To switch the tool on, set the on/off switch to position **[I] or [II]** (low or high). Some smoke may be emitted after switching on; this does not indicate a problem.

To switch the tool off, set the switch to the Low Setting **[I]** and let it run for a few minutes. Then set the on/off switch to position **[0]**. Let the tool cool down before moving or storing it.

Temperature Settings.

Turn ON/OFF switch to **[I] or [II]** (low or high) depending on temperature you need. The heat gun will start to buzz. You can increase or decrease the outlet temperature gradually by turning the adjust knob. Turn anti-clockwise to decrease and clockwise to increase the temperature.

Stripping Paint

- Mount an appropriate accessory
- Set a high air temperature
- Switch the tool on
- Direct the hot air onto the paint to be removed
- When the paint softens, scrape the paint away using a hand scraper
- Do not strip metal window frames, as the heat may be conducted onto the glass and crack it.
- When stripping other window frames, use a glass protection nozzle.
- Do not keep the tool directed at one spot too long to prevent igniting the surface.
- Avoid collecting paint on the scraper accessory (if included), as it may ignite. If necessary, carefully remove paint debris from the scraper accessory using a knife.
- Do not use this tool to remove paint containing lead. The peelings, residue and vapors of paint may contain lead, which is poisonous. Any pre-1960 building may have been painted in the past with paint containing lead and covered with additional layers of paint.
- Once deposited on surfaces, hand to mouth contact can result in the ingestion of lead.
- Exposure even to low levels of lead can cause irreversible damage to the brain and nervous system. Young and unborn children are particularly vulnerable.
- When removing paint., ensure that the work area is enclosed. Preferably wear a dust mask.
- Do not burn the paint. Use the scraper and keep the nozzle at least 25 mm away from the painted surface. When working in a vertical direction, work downwards to prevent paint from falling into the tool and burning.
- Dispose of all paint debris safely and ensure that the work area is thoroughly cleaned after completing the work.

Stationary use

- This tool can also be used in stationary mode.
- Unfold the Hang Hook and place the tool onto the workbench.
- Secure the cable to prevent pulling the tool off the workbench.
- Carefully switch the tool on.
- Make sure that the nozzle always points away from you and any bystanders.
- Make sure not to drop anything into the nozzle.

Cool Down Period

The nozzle and accessory become very hot during use. Let them cool down before attempting to move or store the tool.

To reduce the cooling time, set the on/off switch to position **[I]** and let it run for a few minutes. Switch the tool off and let it cool down for at least **30 minutes**.

5. Applications

The air temperature can be adjusted to suit a wide range of applications. The table below suggests settings for different applications.

[I] Low Setting Applications:

- Drying paint, varnish color shade samples, filler, adhesives, construction joints and stucco forms
- Drying wet timber prior to filling
- Removing stickers
- Joining adhesives-Large-surface gluing with contact adhesives, activation of pressure-sensitive adhesives, acceleration of bonding processes, releasing of bonding points as well as releasing or bonding of edge band or veneer.
- Waxing and de-waxing
- Shrinking PVC wrapping and insulation tubes
- Defrosting of icy stairs and steps, door locks, trunk lids, car doors or water pipes, as well as for defrosting refrigerators and ice boxes

[II] High Setting Applications:

- Welding of thermoplastic polymer, flooring materials of PVC and linoleum, PVC-coated fabric, tarpaulins and foils
- Bending plastic pipes and sheets
- Soldering plumbing joints, tin, special silver solder, SMD elements, cable lugs
- Loosening rusted or tightly fastened nuts and bolts
- Removing old and even thick coatings of oil paint, lacquer, varnish and synthetic plaster
- Disinfection-With hot air of 600°, you can quickly rid animal sties/stables of bacteria. Woodworm infestation can be controlled (Caution: Danger of fire! Do not heat up the wooden surface excessively).

6. Maintenance & Troubleshooting

Attention! Before performing any work on the equipment, pull the power plug.

Maintenance

Your Power Tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

Lubrication

Your power tool requires no additional lubrication.

Cleaning

- Keep the ventilation slots of the machine clean to prevent overheating of the engine.
- Regularly clean the machine housing with a soft cloth, preferably after each use.
- Keep the ventilation slots free from dust and dirt.
- If the dirt does not come off use a soft cloth moistened with soapy water.
- Never use solvents such as petrol, alcohol, ammonia water, etc. These solvents may damage the plastic parts.

LIMITED WARRANTY STATEMENT

Jefferson Professional Tools & Equipment, or hereafter "Jefferson" warrants its customers that its products will be free of defects in workmanship or material. Jefferson shall, upon suitable notification, correct any defects, by repair or replacement, of any parts or components of this product that are determined by Jefferson to be faulty or defective.

This warranty is void if the equipment has been subjected to improper installation, storage, alteration, abnormal operations, improper care, service or repair.

Warranty Period

Jefferson will assume both the parts and labour expense of correcting defects during the stated warranty periods below.

All warranty periods start from the date of purchase from an authorised Jefferson dealer. If proof of purchase is unavailable from the end user, then the date of purchase will be deemed to be 3 months after the initial sale to the distributor.

1 Year

JEFHTGVAR-230 - 2000W Heat Gun (Variable Temperature Control)

90 Days

- All replacement parts purchased outside of the warranty period

Important: All parts used in the repair or replacement of warranty covered equipment will be subject to a minimum of 90 days cover or the remaining duration of the warranty period from the original date of purchase.

Warranty Registration / Activation

You can register and activate your warranty by visiting the Jefferson Tools website using the following address: www.jeffersonstools.com/warranty and completing the online form.

Online warranty registration is recommended as it eliminates the need to provide proof of purchase should a warranty claim be necessary.

Warranty Repair

Should Jefferson confirm the existence of any defect covered by this warranty the defect will be corrected by repair or replacement at an authorized Jefferson dealer or repair centre.

Packaging & Freight Costs

The customer is responsible for the packaging of the equipment and making it ready for collection. Jefferson will arrange collection and transportation of any equipment returned under warranty. Upon inspection of the equipment, if no defect can be found or the equipment is not covered under the terms of the Jefferson warranty, the customer will be liable for any labour and return transportation costs incurred. These costs will be agreed with the customer before the machine is returned.

** Jefferson reserve the right to void any warranty for damages identified as being caused through misuse*

Warranty Limitations

Jefferson will not accept responsibility or liability for repairs made by unauthorised technicians or engineers. Jefferson's liability under this warranty will not exceed the cost of correcting the defect of the Jefferson products.

Jefferson will not be liable for incidental or consequential damages (such as loss of business or hire of substitute equipment etc.) caused by the defect or the time involved to correct the defect. This written warranty is the only express warranty provided by Jefferson with respect to its products.

Any warranties of merchantability are limited to the duration of this limited warranty for the equipment involved. Jefferson is not responsible for cable wear due to flexing and abrasion. The end user is responsible for routine inspection of cables for possible wear and to correct any issues prior to cable failure.

Claiming Warranty Coverage

The end user must contact Jefferson Professional Tools & Equipment (Tel: **+44 (0) 1244 646 048**) or their nearest authorised Jefferson dealer where final determination of the warranty coverage can be ascertained.

Step 1 - Reporting the Defect

Online Method:

- Visit our website www.jeffersonstools.com/warranty and complete the Warranty Returns form. You can complete the form online and submit it to us directly or download the form to print out and return by post.

Telephone Method:

Contact your Jefferson dealer or sales representative with the following information:

- Model number
- Serial number (usually located on the specification plate)
- Date of purchase

A Warranty Returns form will be sent to you for completion and return by post or fax, together with details of your nearest authorised Jefferson repair centre. On receipt of this form Jefferson will arrange to collect the equipment from you at the earliest convenience.

Step 2 - Returning the Equipment

It is the customer's responsibility to ensure that the equipment is appropriately and securely packaged for collection, **together with a copy of the original proof of purchase**. Please note that Jefferson cannot assume any responsibility for any damage incurred to equipment during transit. Any claims against a third party courier will be dealt with under the terms & conditions of their road haulage association directives.

Please note: Jefferson will be unable to collect or process any warranty requests without a copy of the original proof of purchase.

Step 3 - Assessment and Repair

On receipt, the equipment will be assessed by an authorised Jefferson engineer and it will be determined if the equipment is defective and in need of repair and any repairs needed are covered by the warranty policy. In order to qualify for warranty cover all equipment presented must have been used, serviced and maintained as instructed in the user manual.

Where repair is not covered by the warranty a quotation for repair, labour costs and return delivery will be sent to the customer (normally within 7 working days). **Note:** If the repair quotation is not accepted Jefferson Professional Tools & Equipment will invoice **1 hour labour time at £30 per hour plus return carriage costs (plus VAT)**.

In cases where no fault can be found with the equipment, or, if incorrect operation of the equipment is identified as the cause of the problem, a minimum of 1 hour labour at **£30 per hour plus carriage costs** will be required before the equipment will be despatched back to the customer.

Any equipment repaired or replaced under warranty will normally be ready for shipment back to the customer within 7 working days upon receipt of the equipment at an authorised Jefferson Repair centre (subject to part availability). Where parts are not immediately available Jefferson will contact you with a revised date for completion of the repair.

General Warranty Enquiries

For any further information relating to Jefferson warranty cover please call **+44 (0) 1244 646 048** or send your enquiry via email to warranty@jeffersonstools.com

Disclaimer:

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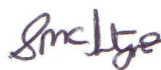
EC Declaration of Conformity

We, Jefferson Professional Tools & Equipment, as the authorised European
Community representative of the manufacturer, declare that the following equipment
conforms to the requirements of the following Directives:

2014/35/EU - Low Voltage Directive
2014/30/EU - Electromagnetic Compatibility

Equipment Category: 2000W Heat Gun / Hot Air Gun
Product Name/Model: JEFHTGVAR-230 - 2000W Heat Gun
(Variable Temperature Control)

Signed by: Stephen McIntyre
Position in the company: Operations Director
Date: 10 February 2017
This technical document is held by: Jimmy Hemphill



Technical file holder's address as shown below

Name and address of manufacturer or authorised representative:

Jefferson Tools,
Herons Way,
Chester Business Park,
Chester,
United Kingdom,
CH4 9QR

IMPORTANT! SAFETY FIRST!

Before attempting to use this product please read all the safety precautions and operating instructions outlined in this manual to reduce the risk of fire, electric shock or personal injury.

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