



INSTRUCTIONS FOR:  
**HOT AIR GUN**  
MODEL NO: **HS105**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.



**IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.**



Read instructions



Wear eye protection



Beware hot surfaces



Wear protective gloves

## 1. SAFETY

### 1.1. ELECTRICAL SAFETY

**WARNING!** It is the responsibility of the owner and the operator to read, understand and comply with the following:


You must check all electrical products, before use, to ensure that they are safe. You must inspect power cables, plugs, sockets and any other connectors for wear or damage. You must ensure that the risk of electric shock is minimised by the installation of appropriate safety devices. A Residual Current Circuit Breaker (RCCB) should be incorporated in the main distribution board. We also recommend that a Residual Current Device (RCD) is used. It is particularly important to use an RCD with portable products that are plugged into a supply which is not protected by an RCCB. If in any doubt consult a qualified electrician. You may obtain a Residual Current Device by contacting your Sealey dealer.

**You must** also read and understand the following instructions concerning electrical safety.

- 1.1.1. The **Electricity at Work Act 1989** requires that all portable electrical appliances, if used on business premises, are tested by a qualified electrician, using a Portable Appliance Tester (PAT), at least once a year.
- 1.1.2. The **Health & Safety at Work Act 1974** makes owners of electrical appliances responsible for the safe condition of those appliances and the safety of the appliance operators. **If in any doubt about electrical safety, contact a qualified electrician.**
- 1.1.3. Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply. See 1.1.1. and 1.1.2. and use a Portable Appliance Tester.
- 1.1.4. Ensure that cables are always protected against short circuit and overload.
- 1.1.5. Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that none is loose.
- 1.1.6. **Important:** Ensure that the voltage marked on the appliance matches the power supply to be used and that the plug is fitted with the correct fuse - see fuse rating at right.
- 1.1.7. **DO NOT** pull or carry the appliance by the power cable.
- 1.1.8. **DO NOT** pull the plug from the socket by the cable.
- 1.1.9. **DO NOT** use worn or damaged cables, plugs or connectors. Immediately have any faulty item repaired or replaced by a qualified electrician. When a BS 1363/A UK 3 pin plug is damaged, cut the cable just above the plug and **dispose of the plug safely.**

Fit a new plug according to the following instructions (UK only).

- a) Connect the **GREEN/YELLOW earth wire to the earth terminal 'E'**.
- b) Connect the **BROWN live wire to the live terminal 'L'**.
- c) Connect the **BLUE neutral wire to the neutral terminal 'N'**.
- d) **After wiring, check that there are no bare wires, that all wires have been correctly connected, that the cable outer insulation extends beyond the cable restraint and that the restraint is tight.**

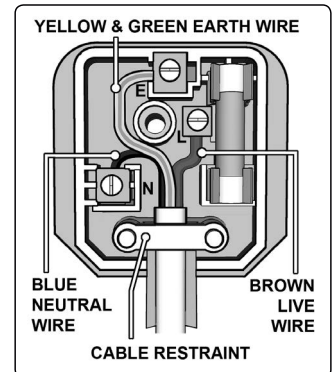
Double insulated products, which are always marked with this symbol , are fitted with live (brown) and neutral (blue) wires only.

To rewire, connect the wires as indicated above - **DO NOT** connect either wire to the earth terminal.

- 1.1.10. Products which require more than 13amps are supplied without a plug. In this case you must contact a qualified electrician to ensure that a suitably rated supply is available. We recommend that you discuss the installation of an industrial round pin plug and socket with your electrician.
- 1.1.11. If an extension reel is used it should be fully unwound before connection. A reel with an RCD fitted is preferred since any appliance plugged into it will be protected. The cable core section is important and should be at least 1.5mm<sup>2</sup>, but to be absolutely sure that the capacity of the reel is suitable for this product and for others which may be used in the other output sockets, we recommend the use of 2.5mm<sup>2</sup> section cable. If an extension reel is to be used outdoors, ensure it is marked for outdoor use.

### 1.2. GENERAL SAFETY

- ✓ Disconnect the gun from the mains power before changing accessories, servicing or performing other maintenance.
- ✓ Maintain the hot air gun in good condition, use an authorised service agent.
- ✓ Use recommended accessories only. Unapproved accessories can be hazardous and will invalidate your warranty.
- ✓ Wear appropriate protective clothing and equipment. Work gloves and eye protection are mandatory. Protect long hair and remove loose fitting garments and jewellery. Maintain correct balance and footing and wear non-slip shoes.
- ✓ Evaluate your work area before using the hot air gun. i.e. ceiling, floors and enclosures may contain flammable materials.
- ✓ Keep the work area clean, uncluttered and well lit. Use the hot air gun only in a well ventilated area.
- ✓ Ensure that small or irregular shaped objects are secured in a vice or clamps before you work on them.
- ✓ Stay alert! Always pay attention to the work in hand when operating this hot air gun.
- ✓ Guard against electric shock by not contacting grounded surfaces, i.e. pipes, radiators, etc. when using electric hand tools.
- ✓ Keep the hot air gun handle dry, clean and free from oil and grease. Clean any paint or varnish from the nozzle after use.
- ✓ Allow the hot air gun to cool before storing (only store when cold). Store the gun in a safe, dry place out of the reach of children.
- x **DO NOT** direct the hot airflow at yourself, others, animals or plants and **DO NOT** allow children to operate the hot air gun.



**RECOMMENDED  
FUSE RATING: 13AMP**

- X **DO NOT** use the hot air gun in rain or in a wet environment, or in areas of high humidity and damp (i.e. bathrooms, steam rooms, etc.).
- X **DO NOT** obstruct the hot airflow by blocking or covering the air outlet.
- X **DO NOT** touch the nozzle during, or after, use as it becomes extremely hot.
- X **DO NOT** leave the hot air gun running unattended. Always turn off the power supply.
- X **DO NOT** use the hot air gun on a task it is not designed for.
- X **DO NOT** use the hot air gun in combination with chemical strippers.
- X **DO NOT** operate the hot air gun when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- X **DANGER! DO NOT USE THE HOT AIR GUN AS A HAIR DRYER.**

**WARNING: The warnings, cautions and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood that common sense and caution are factors which cannot be built into this product, but must be applied by the operator.**

- 1.3. LEAD PAINT WARNING!** Paint once contained lead as a traditional ingredient. Paint particles, resulting from the removal of such paint, are toxic and ingestion/inhalation must, therefore, be avoided. The following action must be taken before using this tool:
- 1.3.1. The operator must determine potential hazard relating to age of paint to be removed (modern paints do not have lead content).
  - 1.3.2. **DANGER!** Keep all persons and pets away from the work area. The following are particularly vulnerable to the effects of lead paint dust: **Expectant women, babies and children.**
  - 1.3.3. We recommend personal protection by using the following safety items: **Paint Spray Respirator (Sealey ref. SSP1699), PE Coated Hooded Coverall (Sealey ref. SSP267), Latex Gloves (Sealey ref. SSP24).**
  - 1.3.4. Take adequate measures to contain the paint dust, flakes, and scrapings.
  - 1.3.5. When task is complete continue to wear safety equipment as in 1.3.3. and thoroughly clean all areas. Ensure paint waste is disposed of in sealed bags or containers.

## 2. INTRODUCTION

Two step switch temperature and air flow control. Gun is designed to stand vertically, allowing use as a safe Bunsen burner alternative. Suitable for paint stripping, soft soldering, removing sticky labels and defrosting frozen pipes. Fitted BS approved 3 pin safety plug. Nozzles available separately from HS107K.

## 3. SPECIFICATION

Power supply: . . . . .230V ~ 50Hz  
 Power: . . . . .1600W  
 Temperature range: . . . . .375 - 500°C  
 Air flow: . . . . .300/500ltr/min



## 4. OPERATION

- 4.1. Preparing the hot air gun for use**
- 4.1.1. Before plugging into the mains ensure the gun switch is in the 'Off', middle position.
  - 4.1.2. When ready to start work, set power switch to the required temperature setting I (low) or II (high). Allow one and a half minutes to heat.
- NOTE:** When new, the hot air gun may generate smoke which will decrease with use.
- WARNING! KEEP HANDS AWAY FROM THE IMMEDIATE NOZZLE AREA. IF LEAD PAINT IS BEING REMOVED FOLLOW THE SAFETY WARNING AT THE BEGINNING OF THIS MANUAL. ALWAYS WEAR GLOVES AND EYE PROTECTION.**
- 4.2. Paint and varnish removal**
- The easy removal of paint and varnish requires practice. Follow these simple working techniques to achieve the required result.
- NOTE:** The heat gun is designed to remove both oil and latex based paints and varnishes from surfaces. It will not remove stains or primer coats that have impregnated the surface.
- 4.2.1. Switch the hot air gun on and allow it to reach its operating temperature.
  - 4.2.2. Always test on a small non-critical area first.
  - 4.2.3. Hold the hot air gun nozzle 3" (75mm) to 4" (100mm) from the paint to be removed.
  - 4.2.4. After a short time the paint will soften and begin to blister.
  - 4.2.5. **DO NOT** overheat the paint as this will cause it to burn which makes it more difficult to remove. **Wear eye protection, especially when stripping paint from overhead. If lead paint is being removed, refer to the warning at the beginning of this manual.**
  - 4.2.6. Begin scraping the paint off. Work from top to bottom. Use a scraper with smooth even strokes, warming the surface in front of the scraper by moving the gun slightly from side to side.
  - 4.2.7. If the correct temperature has been applied to the paint, thick, even layers can be removed in a single pass (paint should be removed in strips equal in width to the scraper blade). Scrape paint as soon as it becomes soft, as it will re-harden very quickly.
  - 4.2.8. Keep the scraper blade edge clean and sharp to prevent paint peelings from building up.
  - 4.2.9. After softening, shaped or profiled surfaces may be stripped by using a wire brush.
  - 4.2.10. To protect surrounding surfaces from the heat, cover with a non-flammable material.
- IMPORTANT: DO NOT concentrate the heat gun on glass as the glass may crack.**

## 5. MAINTENANCE

- 5.1. Unplug the hot air gun from power supply before performing any maintenance.**
- 5.1.1. Keep the air intake and outlet openings clean and free from dirt and peelings.
  - 5.1.2. Use only a damp cloth and mild household cleaning agent to wipe the hot air gun clean. **DO NOT** use turpentine, paint thinner, gasoline or similar substances to clean the hot air gun.
  - 5.1.3. Check the hot air gun, power lead and nozzles for damage before storage.
  - 5.1.4. Store the hot air gun in a safe, dry, childproof area.



#### Environmental Protection

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain off any fluids (if applicable) into approved containers and dispose of the product and the fluids according to local regulations.

#### WEEE Regulations

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

Parts support is available for this product. To obtain a parts listing and/or diagram, please log on to [www.sealey.co.uk](http://www.sealey.co.uk), email [sales@sealey.co.uk](mailto:sales@sealey.co.uk) or telephone 01284 757500.

**NOTE:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

**IMPORTANT:** No liability is accepted for incorrect use of this product.

**WARRANTY:** Guarantee is 12 months from purchase date, proof of which will be required for any claim.



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