



# HEAT GUN

## OWNER'S MANUAL



### **WARNING:**

Read carefully and understand all **ASSEMBLY AND OPERATION INSTRUCTIONS** before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

**Item# 45986**

Thank you very much for choosing an Ironton product! For future reference, please complete the owner's record below:

Model: \_\_\_\_\_ Purchase Date: \_\_\_\_\_

Save the receipt, warranty and these instructions. It is important that you read the entire manual to become familiar with this product before you begin using it.

This machine is designed for certain applications only. The distributor cannot be responsible for issues arising from modification. We strongly recommend this machine not be modified and/or used for any application other than that for which it was designed. If you have any questions relative to a particular application, DO NOT use the machine until you have first contacted the distributor to determine if it can or should be performed on the product.

For technical questions please call **1-800-222-5381**.

## INTENDED USE

Your Ironton Heat Gun has been designed for stripping paint, shrinking PVC, bending plastics as well as general drying and thawing purposes.

## TECHNICAL SPECIFICATIONS

Voltage:	120V~60Hz
Rated Power:	1500W
Temperature Rating:	572°F/932°F (299°C/499°C)

## GENERAL SAFETY RULES



**WARNING:** Read and understand all instructions. Failure to follow all instructions listed below may result in serious injury.



**CAUTION:** Do not allow persons to operate or assemble this Heat Gun until they have read this manual and have developed a thorough understanding of how the Heat Gun works.



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

# SAVE THESE INSTRUCTIONS

## GENERAL POWER TOOL SAFETY WARNINGS



**WARNING!** Read all safety warnings and all instructions. Failure to follow all 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 all of the warnings refers to your corded power tool.

### 1) Work area safety

- a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- b) 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.
- c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- d) Not for use around standing water. Avoid getting water in the heat gun. Water can cause electric shock.

### 2) Electrical safety

- a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with grounded power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- b) 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.
- c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- d) 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.
- e) 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.
- f) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

### 3) Personal safety

- a) 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.
- b) Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.

- e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- f) Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.
- g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.
- h) Not for use by children or people with reduced mental capacity. Do not use under the influence of drugs or alcohol.

#### **4) Power tool use and care**

- a) 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 for which it was designed.
- b) 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.
- c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

#### **5) Service**

- a) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

## **HEAT GUN USE AND CARE**

- **Do not modify the Heat Gun in any way.** Unauthorized modification may impair the function and/or safety and could affect the life of the equipment. There are specific applications for which the Heat Gun was designed.
- **Always check of damaged or worn out parts before using the Heat Gun.** Broken parts will affect the Heat Gun operation. Replace or repair damaged or worn parts immediately.
- **Store idle Heat Gun.** When Heat Gun is not in use, store it in a secure place out of the reach of children. Inspect it for good working condition prior to storage and before re-use.



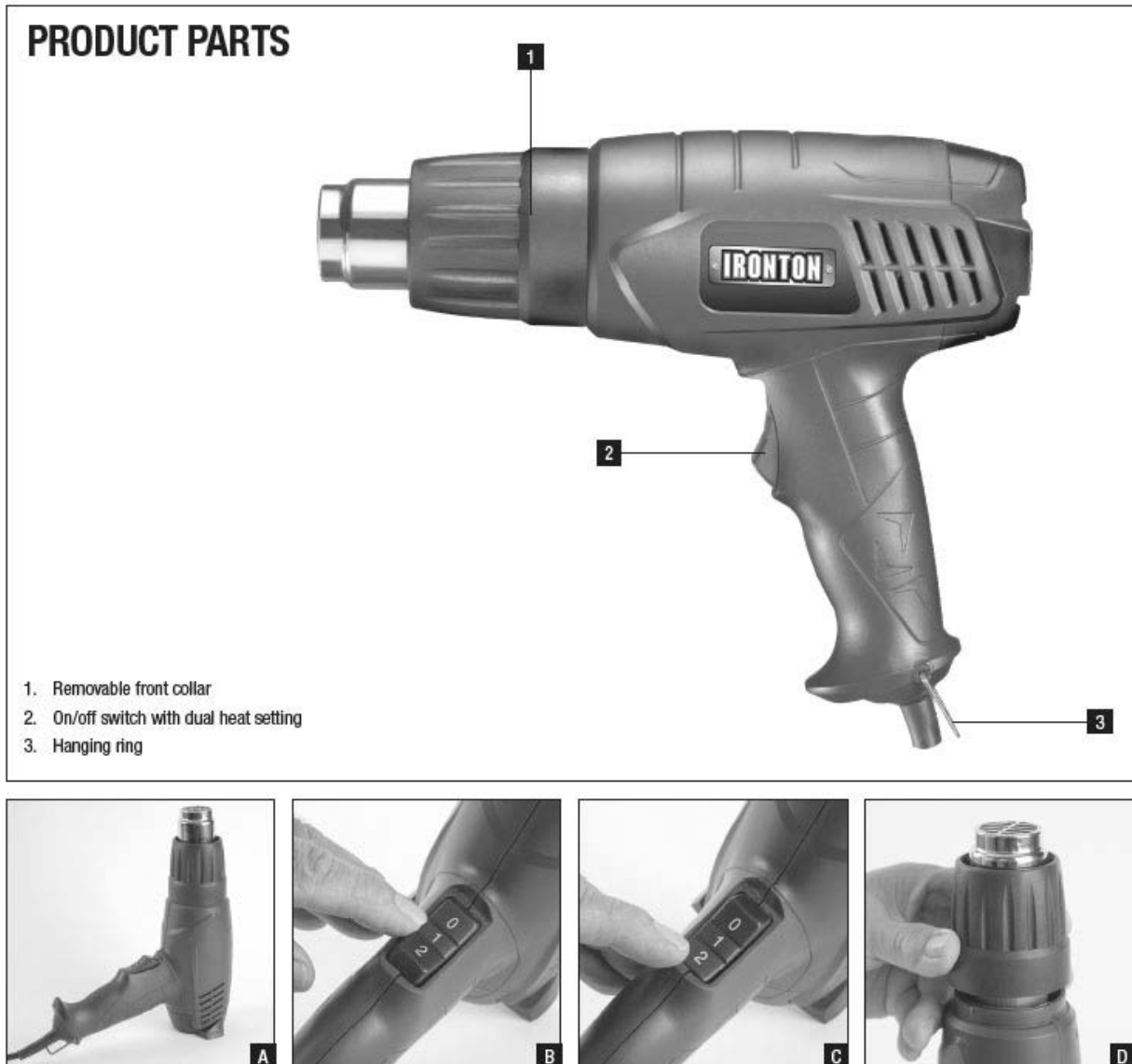
**WARNING: Fire Hazard.** This tool has a built-in stand on the intake end. Whenever plugged in or hot, the heat gun must rest on this stand. Do not lay it on its side or allow the hot end of the gun to touch any surface.

- Be careful when using the appliance in places where there are combustible materials.
- Do not apply to the same place for a long time.
- Do not use in presence of an explosive atmosphere.
- Be aware that heat may be conducted to combustible materials that are out of sight.
- Place the appliance on its stand after use and allow it to cool down before storage.
- Do not leave the appliance unattended when it is switched on.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been


given supervision or instruction concerning use of the appliance by a person responsible for their safety.


- Children should be supervised to ensure that they don't play with the appliance.

## OPERATION



## USING YOUR HEAT GUN

 **WARNING!** Before use always read the safety instructions given on the rear of this manual. Failure to comply with the precautions stated could lead to a fire, serious injury or death. Retain these instructions in a safe place for future reference.

 **WARNING!** The use of any accessory or attachment or performance of any operation with this tool other than those recommended in this instruction manual may present a risk of personal injury.

## Before startup

1. Make sure that the tool is connected only to a supply with the correct voltage.
2. If you wish to have both hands free when working, adjust the metal hanging ring on the handle to allow the tool to stand in an upright position on its base. Fig A
3. Make sure that the air intake slots on the side of the base are not blocked.

## Startup

1. The machine must be switched in the off position "O" when you connect the tool to the power outlet.

## Selecting the heat setting

1. Set the ON/OFF switch to Heat Setting 1 when you wish to avoid overheating the surroundings of the work piece or to avoid displacing the work piece if the airflow is too strong. Fig B
2. Set the ON/OFF switch to Heat Setting 2 in order to heat up the work piece more quickly or when you wish to hold the heat gun at a greater distance from the work piece. Fig C

## When to remove the front collar

1. You can remove the front collar when you want to insert the nozzle into a tighter space.



**WARNING!** The nozzle becomes extremely hot during use. If the collar is removed, more of the nozzle will be exposed, and greater care should be taken to prevent bodily harm.



**WARNING!** To reduce the risk of injury, turn off tool, disconnect from power source and allow to cool before conducting maintenance, installing and removing accessories, before making any adjustments or removing/installing attachments or accessories.

3. To remove the front collar, face the nozzle away from you and then rotate the collar clockwise. The collar can now be pulled forward and removed. Reverse the process to re-assemble. Fig D



**WARNING! DANGER OF FIRE AND EXPLOSION!**

Flammable and poisonous gases may be produced when working with plastics, paints (especially older types of paint), varnishes and similar materials.

## Setting the temperature and working distance

1. Determine the best operating conditions by starting at Heat Setting 1 and at a good distance from the work piece.
2. If necessary, increase the temperature and decrease the operating distance to achieve optimum results.
3. Generally, use low heat for:
  - Drying paint and varnish
  - Removing stickers
  - Waxing and de-waxing

- Drying wet timber prior to filling
- Shrinking PVC wrapping and insulation tubes
- Thawing frozen pipes

Use high heat for:

- Welding plastics
- Bending plastic pipes and sheets
- Loosening rusted or tightly fastened nuts and bolts
- Removing paint and lacquer

### **Using different types of nozzle (not supplied)**

Specific nozzles can be purchased and attached to the front of your heat gun.

#### **1. Removing paint and dissolving adhesives**

Soften paint using hot air and remove evenly using a scraper. Do not heat the paint for too long since this will burn the paint, making it more difficult to remove.

Avoid collecting paint on the scraper, as it may ignite. If necessary, carefully remove paint debris from the scraper using a knife. Many adhesives (e.g. stickers) become softer when heated, allowing adhesive bonds to be separated and superfluous adhesive to be removed.

#### **2. Removing paint from windows.**

Glass can break easily. Always use a glass protection nozzle. On profiled surfaces, paint can be removed using a scraper and brushed off using a soft wire brush. Do not strip metal window frames as the heat may crack the glass.

#### **3. Shaping plastic tubing**

Fit a reflector nozzle. To avoid kinking the tubing, fill the tubing with sand and seal at both ends, Heat the tubing evenly by moving it from side to side.

#### **4. Staining wood**

Fit a cone nozzle. Hot air staining gives natural wood a rustic effect. Do not hold the nozzle too close to the wood as this will color the wood unevenly. Carefully sand off any singed wood fibers afterwards using fine sand paper.

#### **5. Shrink fitting**

Fit a cone nozzle. Select a heat-shrinkable sleeve with a diameter matching that of the work piece, such as a cable lug. Heat the heat-shrinkable sleeve evenly.

#### **6. Defrosting water pipes**

Do not attempt to defrost- PVC piping. Fit a reflector nozzle. Always heat the frozen area inwards from the edge to the center.

Note: Water pipes are often difficult to distinguish from gas pipes.

Copper pipes are joined using tin and should therefore not be heated above 390°F.

### **Operational tips**

1. This tool is designed for indoor use only. Using this tool for prolonged periods may cause it to overheat and malfunction. Use inside a confined area, such as a cabinet will increase the temperature of the tool. To ensure the tool does not overheat it is suggested frequent breaks are taken to allow the tool to cool down.

2. Take extra care with the heat gun element. Once the element is hot it can become fragile and break if dropped or knocked.

3. If the nozzle is hot or if you wish to have both hands free when working, adjust the metal hanging ring on the handle to allow the tool to stand in an upright position on the stand base.

### **Cool down period**

1. The nozzle and accessories become very hot during use. Turn the heat gun off, disconnect it from the power source and let the tool cool down for at least 30 minutes before moving or storing it.

### **Thermal protection device**

The Irontron heat gun is fitted with a thermal fuse which is a one-time fusible link. The thermal fuse is a single-use device that cannot be reset when it fails or is triggered. Thermal fuses only react to excessive temperature and cut-off to prevent hazardous overheating conditions.

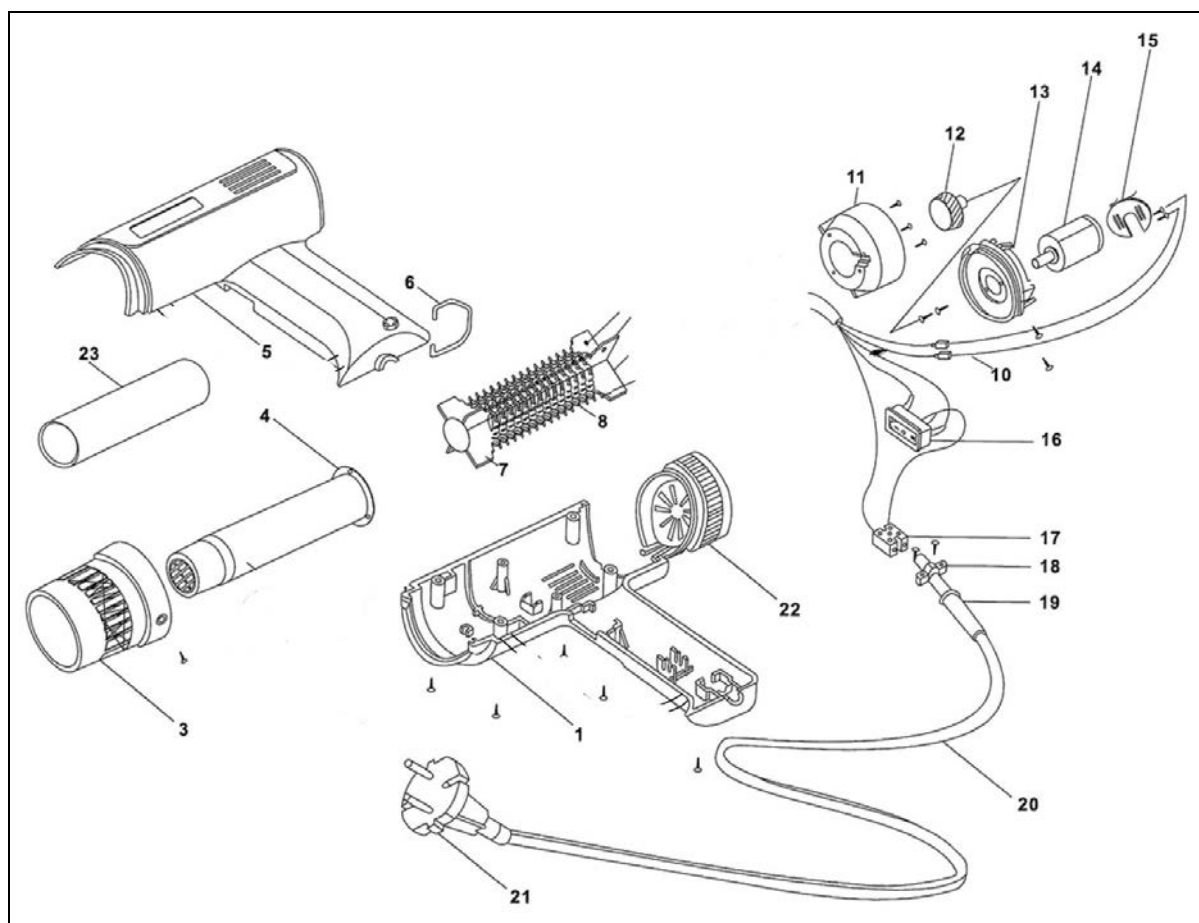
## **MAINTENANCE**

**Maintain your Heat Gun.** It is recommended that the general condition of any Heat Gun be examined before it is used. Keep your Heat Gun in good repair by adopting a program of conscientious repair and maintenance. Have necessary repairs made by qualified service personnel.

1. Before performing any maintenance, switch off, unplug the tool and allow it to cool.
2. Regularly clean the ventilation slots in your Heat Gun using a soft brush or dry cloth.
3. Regularly clean the motor housing using a damp cloth. Do not use any abrasive or solvent- based cleaner.
4. If the supply cord is damaged, this tool should not be repaired. Dispose of the tool and get a replacement.



## DIAGRAM AND PARTS LIST



NO.	Part Name	NO.	Part Name
1	Housing	13	Motor stand
2		14	Motor
3	Ring cover	15	PCB
4	Nozzle	16	Switch
5	Housing	17	Wiring Terminal
6	Tool-hook	18	Cable Grip
7	Heating element	19	Anti-Rink
8	Heating wire	20	Power Cord
9		21	Plug
10	.Inter Wire	22	Cover
11	Hot Air Collector	23	Sheet Mica
12	Fan blader		

For technical questions please call **1-800-222-5381**.



## WARNING

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Some examples of these chemicals are:

- lead from lead-based paints,
- crystalline silica from bricks and cement and other masonry products, and
- arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

## WARRANTY

### THIS WARRANTY FORM SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES

PURCHASED FROM: \_\_\_\_\_

DATE PURCHASED: \_\_\_\_\_

The warranty is only made available by returning the tool to the place of purchase with a confirmed register receipt.

### 6-MONTH REPLACEMENT WARRANTY

Your IRONTON tool is covered by a 6-month replacement warranty from the date of purchase. Industrial or high-frequency use will void this warranty. The warranty covers faulty parts or workmanship.

### WARNING

The following actions will result in the warranty being void.

- If the tool has been operated on a supply voltage other than that specified on the unit.
- If the tool shows signs of damage or defects caused by or resulting from abuse accidents or alterations.
- If the tool has been disassembled or tampered with in any way.

Warranty excludes consumable parts such as brushes, batteries, sanding pads, blades, discs and drill bits.



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