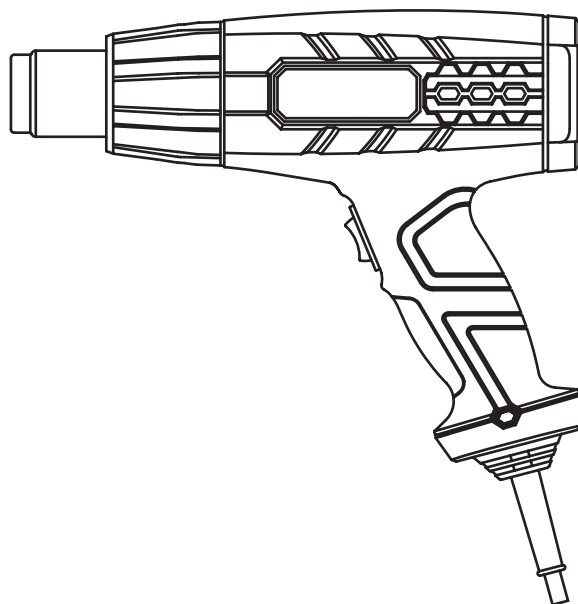




MODEL HG1022

DUAL TEMPERATURE HEAT GUN



For replacement parts visit
WENPRODUCTS.COM

HG-ACA500QB



IMPORTANT:

Your new tool has been engineered and manufactured to WEN's highest standards for dependability, ease of operation, and operator safety. When properly cared for, this product will supply you years of rugged, trouble-free performance. Pay close attention to the rules for safe operation, warnings, and cautions. If you use your tool properly and for its intended purpose, you will enjoy years of safe, reliable service.



NEED HELP? CONTACT US!

Have product questions? Need technical support?
Please feel free to contact us at:



800-232-1195 (M-F 8am-5pm CST)



techsupport@wenproducts.com



WENPRODUCTS.COM

NOTICE: Please refer to wenproducts.com for the most up-to-date instruction manual.

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SPECIFICATIONS

Model Number	HG1022			
Motor	120V, 60 Hz			
Motor Speed	3500 RPM			
Cord Length	5.9 feet			
Temperature, Air Flow, Amperage	Low	662°F	79 GPM	6.3A
	High	1022°F	132 GPM	12.5A
Weight	1.32 lbs			
Assembled Dimensions	9.9 in. x 3.3 in x 8.4 in.			

INTRODUCTION

Thanks for purchasing the WEN Heat Gun. We know you are excited to put your tool to work, but first, please take a moment to read through the manual. Safe operation of this tool requires that you read and understand this operator's manual and all the labels affixed to the tool. This manual provides information regarding potential safety concerns, as well as helpful assembly and operating instructions for your tool.



SAFETY ALERT SYMBOL: Indicates danger, warning, or caution. The safety symbols and the explanations with them deserve your careful attention and understanding. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury. However, please note that these instructions and warnings are not substitutes for proper accident prevention measures.

NOTE: The following safety information is not meant to cover all possible conditions and situations that may occur. WEN reserves the right to change this product and specifications at any time without prior notice.

Keep this manual available to all users during the entire life of the tool and review it frequently to maximize safety for both yourself and others.

GENERAL SAFETY RULES

**Safety is a combination of common sense, staying alert and knowing how your item works.
SAVE THESE SAFETY INSTRUCTIONS.**



WARNING: Read and understand all warnings, cautions and operating instructions before using this tool. Failure to follow all instructions listed below may result in personal injury, electric shock, fire and/or tool damage.

WORK AREA SAFETY

1. Keep work area clean and well lit. Cluttered or dark areas invite accidents.
2. 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.
3. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
4. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

ELECTRICAL SAFETY

1. Power tool plugs must match 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.
2. 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.
3. 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.
4. If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply. Use of a GFCI reduces the risk of electric shock.

PERSONAL SAFETY

1. 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.
2. Use personal protective equipment. Always wear eye protection. Protective equipment such as a respiratory mask, non-skid safety shoes and hearing protection used for appropriate conditions will reduce the risk of personal injury.
3. Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.

GENERAL SAFETY RULES

4. 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.
5. 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.
6. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
7. 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.

POWER TOOL USE AND CARE

1. 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.
2. 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.
3. 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.
4. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
5. Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any 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.
6. 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.
7. Use clamps to secure your workpiece to a stable surface. Holding a workpiece by hand or using your body to support it may lead to loss of control.

SERVICE

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.

SPECIFIC RULES FOR YOUR HEAT GUN



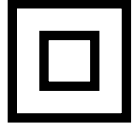
WARNING: Do not operate the heat gun until you have read and understood the following instructions and the warning labels.

1. DO NOT TOUCH the end of the heat gun during or directly after operation. Let the gun cool down fully before touching the tip or any nozzles.
2. NEVER use this tool as a hair dryer.
3. DO NOT USE A HEAT GUN near combustible or flammable materials.
4. TURN HEAT GUN OFF and give it a moment to cool down before setting it down on any surface.
5. ALWAYS maintain a minimum distance of one centimeter (1/2 inch) between the nozzle and work surface. Do not press the gun against any surfaces.
6. UNPLUG the heat gun when not in use.
7. NEVER direct the air flow of the heat gun towards yourself, anyone else, or any animals.
8. DO NOT LOOK into the hot air nozzle during or directly after operation.
9. NEVER BLOCK the inlet grill (slits on the side of the gun) or obstruct the air flow of the unit while the gun is on.
10. DO NOT STORE the tool away in the carrying case until it has fully cooled down.
11. DO NOT HOLD a work piece in front of the heat gun without forceps or clamps, as this will risk putting your hand in the pathway of the heat flow.
12. DO NOT INSERT anything in the end of the heat gun or down one of the nozzles.
13. LET THE GUN COOL DOWN before changing accessories.
14. ONLY USE THIS HEAT GUN for its intended purposes.
15. DO NOT DROP or use this tool to hit other objects. Do not insert sharp objects into the air inlet grill or pierce/jab internal parts.

ELECTRICAL INFORMATION

DOUBLE-INSULATED TOOLS

The tool's electrical system is double insulated where two systems of insulation are provided. This eliminates the need for the usual three-wire grounded power cord. Double insulated tools do not need to be grounded, nor should a means for grounding be added to the product. All exposed metal parts are isolated from the internal metal motor components with protecting insulation.



IMPORTANT: Servicing a double-insulated product requires extreme care and knowledge of the system, and should be done only by qualified service personnel using identical replacement parts. Always use original factory replacement parts when servicing.

1. **POLARIZED PLUGS.** To reduce the risk of electric shock, this equipment has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a proper outlet. Do not modify the machine plug or the extension cord in any way.

2. **GROUND FAULT CIRCUIT INTERRUPTER PROTECTION (GFCI)** should be provided on the circuit or outlet used for this power tool to reduce the risk of electric shock.

3. **SERVICE AND REPAIR.** To avoid danger, electrical appliances must only be repaired by qualified service technician using original replacement parts.

GUIDELINES AND RECOMMENDATIONS FOR EXTENSION CORDS

When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. The table below shows the correct size to be used according to cord length and ampere rating. When in doubt, use a heavier cord. The smaller the gauge number, the heavier the cord.

AMPERAGE	REQUIRED GAUGE FOR EXTENSION CORDS			
	25 ft.	50 ft.	100 ft.	150 ft.
6.3A	18 gauge	16 gauge	14 gauge	12 gauge
12.5A	14 gauge	12 gauge	Not Recommended	

1. **EXAMINE EXTENSION CORD BEFORE USE.** Make sure your extension cord is properly wired and in good condition. Always replace a damaged extension cord or have it repaired by a qualified person before using it.

2. **DO NOT ABUSE EXTENSION CORD.** Do not pull on cord to disconnect from receptacle; always disconnect by pulling on plug. Disconnect the extension cord from the receptacle before disconnecting the product from the extension cord. Protect your extension cords from sharp objects, excessive heat and damp/wet areas.

3. **USE A SEPARATE ELECTRICAL CIRCUIT FOR YOUR TOOL.** This circuit must not be less than a 12-gauge wire and should be protected with a 15A time-delayed fuse. Before connecting the motor to the power line, make sure the switch is in the OFF position and the electric current is rated the same as the current stamped on the motor nameplate. Running at a lower voltage will damage the motor.

KNOW YOUR HEAT GUN

UNPACKING

Carefully remove the heat gun from the packaging. Make sure to take out all contents and accessories. Do not discard the packaging until everything is removed.

TOOL PURPOSE

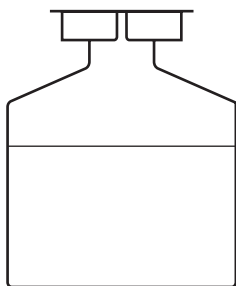
This heat gun is designed to strip paints and varnishes, thaw frozen pipes, and soften adhesives for easy removal of linoleum and floor tile as well as stickers and labels.

Hot Air Nozzle

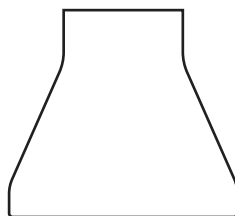
Air Vents

Two Speed Power Switch

Handle



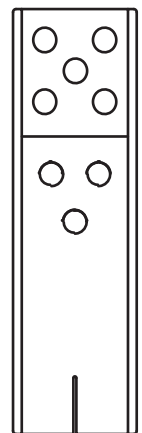
Glass Protection
Nozzle
(1)



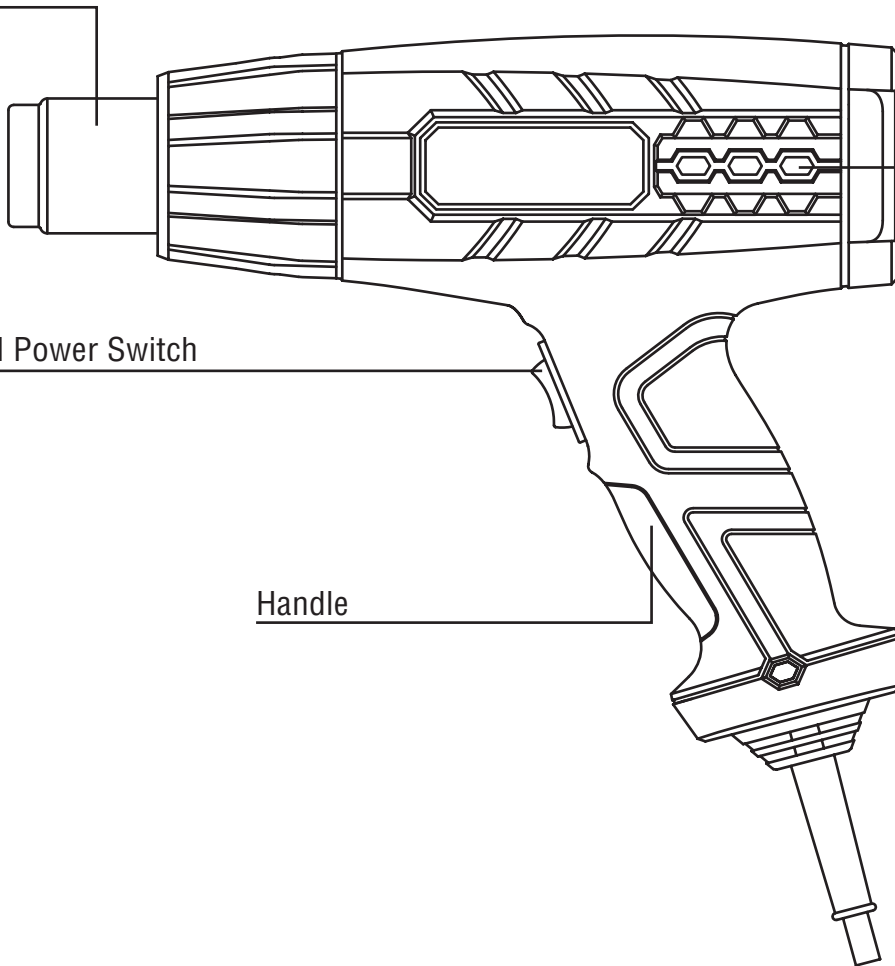
Flat Nozzle
(1)



Reduction
Nozzle
(1)



Charcoal Lighter
Nozzle
(1)



ASSEMBLY & ADJUSTMENTS

ATTACHING NOZZLES

1. Select the correct nozzle for your job using Table 1 below.
2. Unplug the heat gun. Rest the tool upright with the nozzle facing up and allow it to cool before changing the nozzles.
3. While wearing gloves, remove the current nozzle by pulling it off and slightly twisting.
4. To attach your desired nozzle, firmly push the nozzle onto the hot air nozzle.

Nozzle Type	Nozzle Use	Description
Glass Protection Nozzle	anytime you are using the heat gun on or near glass; stripping paint from window frames, etc.	Disperses the heat flow evenly around the whole work surface and prevents direct heat.
Flat Nozzle	stripping paint from non-glass surfaces, removing flooring, etc.	Spreads the heat to a narrow, wide area.
Reduction Nozzle	bending plastic tubing, etc.	Concentrates heat to a small area.
Charcoal Lighter Nozzle	igniting solid fuels in grills, open fireplaces, stoves, etc.	Nestle the nozzle into the coals, remove when they begin to glow (5-10 min).

Table 1

 **WARNING:** DO NOT use the heat gun near gasoline, automotive fluids, tires, gaskets, upholstery, hoses, etc. to prevent damage or fires. This tool can cause materials to soften, melt, and start on fire.

 **WARNING:** DO NOT overheat flammable materials such as wood, insulation, electrical wiring jackets, plastic, etc.

 **WARNING:** DO NOT thaw pipes that are inside walls, floors, ceilings or other enclosures such as insulation. Only thaw pipes that are fully exposed. DO NOT thaw PVC piping.

 **WARNING:** Wear a respiratory mask to prevent inhaling toxic or dangerous fumes. Wear safety goggles to shield your eyes from heat and debris. Wear heat-resistant gloves to protect your hands from burns. Never wear loose clothing. Always tie your hair back.

OPERATION

TWO SPEED SWITCH (FIG. 1)

1. Switch the heat gun off (position "O") and plug the heat gun into an AC 120V 60 Hz receptacle.

2. Toggle the two speed power switch to select the desired heat output and fan speed.

- A. To select the low heat, low speed, toggle the switch up to the "I" setting.
- B. To select the high heat, high speed, toggle the switch down to the "II" setting.

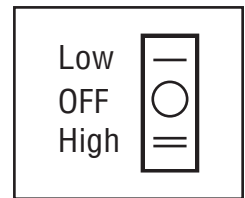


Fig. 1

3. To turn the heat gun off, toggle the switch to the middle setting marked with the "O."

4. Unplug the heat gun after use. Allow the heat gun to cool down, and then safely store the heat gun.

NOTE: It is best to start on the low setting and test it on a small section of your workpiece, or a piece of similar scrap material, and proceed to the higher setting if necessary. You may need to hold the heat gun further away from your workpiece when using the higher setting. The low setting is a good starting place to avoid overheating or damage to the workpiece.

REMOVING PAINT

1. Toggle the two speed switch to the low setting.

2. Aim the hot air nozzle towards the painted surface, leaving about 1 inch of space between the nozzle and the surface. It will take approximately 15 seconds for the tool to reach its full heat potential.

3. Move the heat gun slowly and evenly from side to side to evenly distribute the heat.



WARNING: Do not hold the heat gun over one spot; be sure to move the tool from side to side to evenly distribute the heat. Keep your hands away from the nozzle while scraping the paint. If your hand gets too close to the nozzle, you may get burnt. Wear heat-resistant gloves to prevent burns.

4. When the paint begins to soften and blister, you can begin scraping the paint off using a flat edge tool with smooth, even strokes. If you wait too long to scrape the paint, it will cool and re-harden. Clean your scraper often to create clean paint removal. Test the high setting if this method does not work.



WARNING: Excessive heat may crack glass. DO NOT concentrate heat towards any type of glass surface. If you are stripping paint from a surface that is near glass, use the glass protection nozzle. For example, if you are stripping a window pane, the glass protection nozzle must be used.

NOTE:

- It is best to use a smooth, downward scraping motion to prevent as much damage to the surface as possible.
- Some paints will become tougher to strip with prolonged heating. Be sure to try different heating times to develop the best method of paint removal for your specific job.
- This tool is designed to remove oil and latex based paints.
- This tool will NOT remove stains or primers that are applied to wood.
- Protect surfaces that you do not want to remove paint from. For example, if you are stripping the paint from a door, use a nonflammable material to shield the door frame to prevent stripping the paint from it.

MAINTENANCE



WARNING: To avoid accidents, turn OFF and unplug the tool from the electrical outlet before cleaning, adjusting, or performing any maintenance work.



WARNING: Any attempt to repair or replace electrical parts on this tool may be hazardous. Servicing of the tool must be performed by a qualified technician. When servicing, use only identical WEN replacement parts. Use of other parts may be hazardous or induce product failure.

ROUTINE INSPECTION

Before each use, inspect the general condition of the tool. If any of these following conditions exist, do not use until parts are replaced or the sharpener is properly repaired.

Check for:

- Loose hardware,
- Damaged cord/electrical wiring,
- Cracked or broken parts, and
- Any other condition that may affect its safe operation

CLEANING & STORAGE

1. Keep the ventilation openings free from dust and debris to prevent the motor from overheating.

2. Wipe the tool surfaces clean with a damp cloth and mild soap. Make sure water does not get into the tool.

CAUTION: Most plastics are susceptible to damage from various types of commercial solvents. Do not use any solvents or cleaning products that could damage the plastic parts. Some of these include but are not limited to: gasoline, carbon tetrachloride, chlorinated cleaning solvents, and household detergents that contain ammonia.

4. Allow the tool to cool before storing it. Store the tool in a clean and dry place away from the reach of children.

PRODUCT DISPOSAL

Used power tools should not be disposed of together with household waste. This product contains electronic components that should be recycled. Please take this product to your local recycling facility for responsible disposal and to minimize its environmental impact.

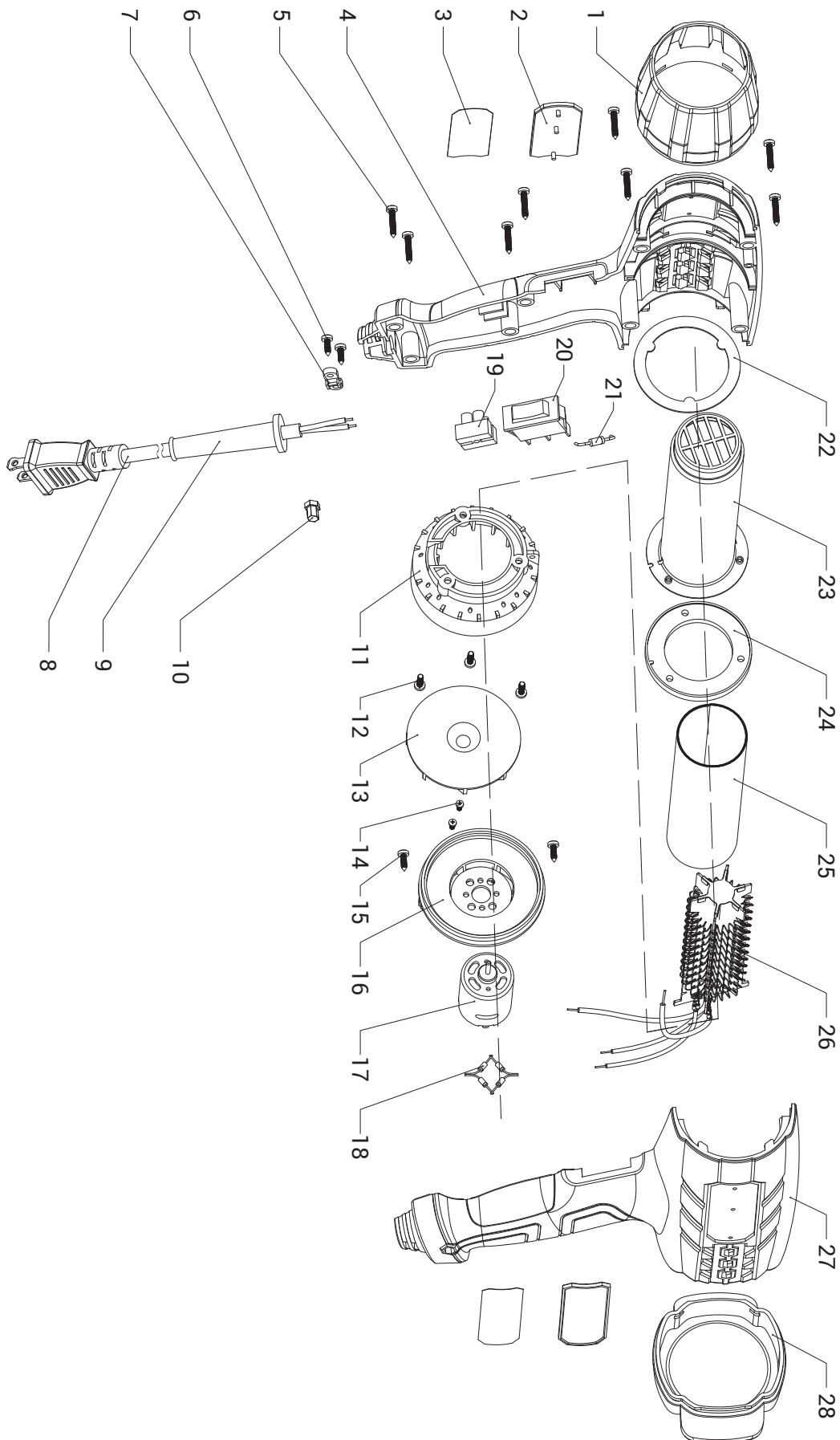
TROUBLESHOOTING GUIDE



WARNING: Stop using the tool immediately if any of the following problems occur. Repairs and replacements should only be performed by an authorized technician. For any questions, please contact our customer service at (800) 232-1195, M-F 8-5 CST or email us at techsupport@wenproducts.com.

PROBLEM	CAUSE	SOLUTION
Motor does not start	Power cord damaged or not properly plugged in.	Check the power cord, extension cord, power plug and the power outlet. Make sure the outlet is functional. Do not use the tool if any cord is damaged.
	Defective two speed switch.	Stop using the tool and contact customer service at (800) 232-1195, M-F 8-5 CST for assistance.
	Defective Motor.	Stop using the tool and contact customer service at (800) 232-1195, M-F 8-5 CST for assistance.

EXPLODED VIEW & PARTS LIST



EXPLODED VIEW & PARTS LIST

No.	Part No.	Description	Qty.
1	HG1022-001	Front Cover	1
2	HG1022-002	Label Frame	2
3	HG1022-003	Label	2
4	HG1022-004	Right Housing	1
5	HG1022-005	Screw	8
6	HG1022-006	Screw	2
7	HG1022-007	Clamp	1
8	HG1022-008	Power Cord	1
9	HG1022-009	Power Cord Sheath	1
10	HG1022-010	LED	1
11	HG1022-011	Air Duct Ring	1
12	HG1022-012	Screw	3
13	HG1022-013	Fan	1
14	HG1022-014	Screw	2
15	HG1022-015	Screw	2
16	HG1022-016	Motor Support	1
17	HG1022-017	Motor	1
18	HG1022-018	Diode	1
19	HG1022-019	Wire Holder	1
20	HG1022-020	Switch	1
21	HG1022-021	Diode	1
22	HG1022-022	Air Duct Ring	1
23	HG1022-023	Air Duct	1
24	HG1022-024	Air Duct Cushion Ring	1
25	HG1022-025	Mica Paper	1
26	HG1022-026	Heating Element Assembly	1
27	HG1022-027	Left Housing	1
28	HG1022-028	Back Cover	1

WARRANTY STATEMENT

WEN Products is committed to building tools that are dependable for years. Our warranties are consistent with this commitment and our dedication to quality.

LIMITED WARRANTY OF WEN CONSUMER POWER TOOLS PRODUCTS FOR HOME USE

GREAT LAKES TECHNOLOGIES, LLC ("Seller") warrants to the original purchaser only, that all WEN consumer power tools will be free from defects in material or workmanship for a period of two (2) years from date of purchase. Ninety days for all WEN products if the tool is used for professional or commercial use.

SELLER'S SOLE OBLIGATION AND YOUR EXCLUSIVE REMEDY under this Limited Warranty and, to the extent permitted by law, any warranty or condition implied by law, shall be the repair or replacement of parts, without charge, which are defective in material or workmanship and which have not been misused, carelessly handled, or misrepaired by persons other than Seller or Authorized Service Center. To make a claim under this Limited Warranty, you must make sure to keep a copy of your proof of purchase that clearly defines the Date of Purchase (month and year) and the Place of Purchase. Place of purchase must be a direct vendor of Great Lakes Technologies, LLC. Third party vendors such as garage sales, pawn shops, resale shops, or any other secondhand merchant void the warranty included with this product. Contact techsupport@wenproducts.com or 1-800-232-1195 to make arrangements for repairs and transportation.

When returning a product for warranty service, the shipping charges must be prepaid by the purchaser. The product must be shipped in its original container (or an equivalent), properly packed to withstand the hazards of shipment. The product must be fully insured with a copy of the warranty card and/or the proof of purchase enclosed. There must also be a description of the problem in order to help our repairs department diagnose and fix the issue. Repairs will be made and the product will be returned and shipped back to the purchaser at no charge.

THIS LIMITED WARRANTY DOES NOT APPLY TO ACCESSORY ITEMS THAT WEAR OUT FROM REGULAR USAGE OVER TIME INCLUDING BELTS, BRUSHES, BLADES, ETC. ANY IMPLIED WARRANTIES SHALL BE LIMITED IN DURATION TO TWO (2) YEARS FROM DATE OF PURCHASE. SOME STATES IN THE U.S., SOME CANADIAN PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

IN NO EVENT SHALL SELLER BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING BUT NOT LIMITED TO LIABILITY FOR LOSS OF PROFITS) ARISING FROM THE SALE OR USE OF THIS PRODUCT. SOME STATES IN THE U.S. AND SOME CANADIAN PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE IN THE U.S., PROVINCE TO PROVINCE IN CANADA AND FROM COUNTRY TO COUNTRY.

THIS LIMITED WARRANTY APPLIES ONLY TO PORTABLE ELECTRIC TOOLS, BENCH POWER TOOLS, OUT-DOOR POWER EQUIPMENT AND PNEUMATIC TOOLS SOLD WITHIN THE UNITED STATES OF AMERICA, CANADA AND THE COMMONWEALTH OF PUERTO RICO. FOR WARRANTY COVERAGE WITHIN OTHER COUNTRIES, CONTACT THE WEN CUSTOMER SUPPORT LINE.

**THANKS FOR
REMEMBERING**

