

Please read and save these instructions. Read through this owner's manual carefully before using product. Protect yourself and others by observing all safety information, warnings, and cautions. Failure to comply with instructions could result in personal injury and/or damage to product or property. Please retain instructions for future reference.



## 1500W 120V SHOP HEATER

### FOR CUSTOMER SERVICE

Technical Question?

**CALL 1-866-458-2472**  
customerservice@oem-tools.com

### UNPACKING

After unpacking the unit, inspect carefully for any damage that may have occurred during transit. Check for loose, missing, or damaged parts. If any damage is observed, a shipping damage claim must be filed with the carrier. **DO NOT** use the OEMTOOLS™ 1500W 120V Shop Heater if broken, bent, cracked or damaged parts (including labels) are noted. Any Shop Heater that appears damaged in any way, operates abnormally or is missing parts should be removed from service immediately. If you suspect that the Shop Heater was subjected to shock load (a load that was dropped suddenly, unexpectedly, etc.), immediately discontinue use until it has been checked by a factory authorized service center.



### **⚠** WARNING

The following safety information is provided as a guideline to help you operate your Shop Heater under the safest possible conditions. Any tool or piece of equipment can be potentially dangerous to use when safety or safe handling instructions are not known or not followed. The following safety instructions are to provide the user with the information necessary for safe use and operation. Please read and retain these instructions for the continued safe use of your heater. Failure to follow instructions listed below may result in serious injury. In addition, make sure that anyone who uses the equipment understands and follows these safety instructions as well.

### Explanation of Safety Signal Words

**⚠ WARNING:** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

**⚠ CAUTION:** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

**CAUTION:** Used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

Thank you very much for choosing an OEMTOOLS™ Product!

For future reference, please register your new tool at [www.oem-tools.com](http://www.oem-tools.com) and 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 product is designed for certain applications only. OEMTOOLS™ cannot be responsible for issues arising from modification. We strongly recommend that this product is not 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 product until you have first contacted customer service to determine if it can or should be performed on the product.



# 1500W 120V SHOP HEATER

## **!** IMPORTANT INSTRUCTIONS AND SAFETY RULES

1. Know your product. Read this manual carefully. Learn the product's applications and limitations, as well as potential hazards specific to it.
2. Keep work area clean and well lit. Cluttered or dark work areas invite accidents.
3. Keep children away. All children should be kept away from the work area. Never let a child handle tools or equipment without strict adult supervision.
4. DO NOT operate this product if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, DO NOT attempt to operate.
5. Use safety equipment. Eye protection should be worn at all times when operating this tool. Use ANSI approved safety glasses. Everyday eyeglasses are NOT safety glasses. Dust mask, non-skid safety shoes, hard hat or hearing protection should be used in appropriate conditions.
6. Wear proper apparel. Loose clothing, gloves, neck-ties, rings, bracelets or other jewelry may present a potential hazard when operating this product. Keep all apparel clear of the product.
7. DO NOT overreach. Keep proper footing and balance at all times when operating this product.
8. Check for damage. Check your heater regularly. If part of the heater is damaged, it should be carefully inspected to make sure that it can perform its intended function correctly. If in doubt, discontinue use of product.
9. Keep away from flammables. DO NOT attempt to operate this product near flammable materials or combustibles. Failure to comply may cause serious injury or death.
10. Store this product out of the reach of children and untrained persons. This product may be dangerous in the hands of untrained users.
11. Keep this product dry and clean.
12. Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one product may become hazardous when used on another product.
13. Service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel could result in a risk of injury.
14. When servicing a product, use only identical replacement parts. Use of unauthorized parts or failure to follow maintenance instructions may create a risk of injury.
15. Maintain a safe working environment. Keep the work area well lit. Make sure there is adequate surrounding workspace. Keep the work area free of obstructions, grease, oil, trash, and other debris. DO NOT use this product in a damp or wet location.
16. Maintain labels and nameplates on this product. These carry important information. If unreadable or missing, contact OEMTOOLS™ for a replacement.
17. Keep this product dry, clean, and free from brake fluid, oil, and grease.
18. Avoid accidental fire and/or explosion. DO NOT smoke near this product.
19. The warnings, precautions, and instructions discussed in this manual cannot cover all possible conditions and situations that may occur. The operator must understand that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.
20. We believe the information contained herein to be reliable. However, general technical information is given by us without charge and the user shall employ such information at their own discretion and risk. We assume no responsibility for results or damages incurred from the use of such information in whole or in part.
21. The manufacturer declines any and all responsibility for property damage or injury if said damage is the result of unskillful handling by the operator or of failure to observe the basic safety rules set forth in the instruction manual.
22. The procedures documented in this manual are to serve as guidelines for the use of this equipment.
23. The use of this equipment is simple and straightforward if you follow the instructions. When operating this equipment, use common sense, and only use this heater for its intended purpose.

## PRODUCT DESCRIPTION

The OEMTOOLS™ 24823 1500W 120V Shop Heater is a convenient way to heat work areas safely and effectively.

## PRODUCT SPECIFICATIONS

<b>Input Voltage</b>	120V
<b>Output Wattage</b>	1500W
<b>Amperage</b>	15A
<b>Plug Type</b>	Nema 1-15P
<b>Heating Area</b>	250 Sq. Ft.
<b>Dimensions</b>	10.25" (Base W) x 9.25" (Base L) x 13.25" (Height)

## CONTENTS

1500W Shop Heater

## SPECIFIC SAFETY INSTRUCTIONS AND WARNINGS

**⚠ WARNING:** DO NOT store or use gasoline or other flammable vapors / liquids in the vicinity of this heater.

**⚠ WARNING:** Extreme caution should be exercised when using heaters near children or pets.

1. To avoid burns, DO NOT let bare skin touch hot surfaces. Use the handle when moving this heater. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes and curtains at least 3 feet (0.9 m) from the Shop Heater to avoid fire. Never block the air intake.
2. Always operate on a clean, flat surface capable of supporting the weight of the Shop Heater. Failure to stabilize may cause the Shop Heater to fall or malfunction during operation, leading to injury and property damage.



## 1500W 120V SHOP HEATER

3. Always unplug this appliance when not in use.
4. Always turn the controls off prior to unplugging the Shop Heater.
5. Always connect directly to a properly grounded outlet. This appliance must be electrically grounded in accordance with local codes, with the current CSA C22.0 Canadian Electrical codes for US installations, follow US codes, and the National Electric Code ANSI/NFPA No. 70.
6. Always use 110-120V AC, 60 Hz power supply.
7. DO NOT operate the heater with a damaged cord or plug, or after the Shop Heater has malfunctioned or has been dropped.
8. DO NOT attempt to repair or modify the Shop Heater.
9. DO NOT operate on wet surfaces or allow moisture/liquids to contact the Shop Heater. This heater is not intended for use in bathrooms, laundry areas or similar locations. DO NOT use near sinks, swimming pools or other areas where this heater may contact water.
10. DO NOT use outdoors.
11. DO NOT use this Shop Heater in elevated locations, such as on shelves, raised platforms, etc.
12. DO NOT cover the power cord with rugs, runners or any other materials.
13. DO NOT run the power cord through a high traffic area.
14. DO NOT insert foreign objects to enter the ventilation, this may cause fire.
15. DO NOT leave heater operating unattended.
16. Not intended for commercial or industrial use.
6. Once the workspace reaches the desired temperature, turn the thermostat dial (I) counterclockwise until the heating element (D) turns off. The heater will automatically cycle around the set room temperature.
7. To increase room temperature, turn the thermostat dial (I) clockwise. To decrease room temperature, turn the thermostat dial (I) counterclockwise.
8. To turn the Shop Heater off, turn the thermostat dial (I) counterclockwise to the lowest temperature setting. Then turn the function dial (G) counterclockwise to the 1st position "Off".
9. By grasping the plug, not the cord, remove from the electrical power source.
10. Once the heating element (D) and metal casing cools, store in a clean, dry place.

### ADJUSTING ANGLE OF OUTPUT

1. The Shop Heater (C) should tilt within the frame (B). If unable to tilt, turn the frame fasteners (D) counterclockwise on each side of the heater.
2. Tilt the Shop Heater to the desired angle.
3. Tighten the frame fasteners (E) by turning clockwise.

### MOVING THE SHOP HEATER

1. Turn the Shop Heater off and allow to cool (reference operation above).
2. Grasp the handle (A) on the Shop Heater frame (B) located above the operation dials, and lift.

### AUTOMATIC OVERHEAT SAFETY CONTROL

1. This heater is equipped with an internal heat-limiting thermostat and an overheat protection circuit. When the heater's internal temperature is at risk of overheating, the heat-limiting thermostat and overheat protection circuit will automatically shut the heater off.
2. If the system shuts off, unplug the heater and allow the heater to cool for at least 10 minutes before attempting to restart.

### MAINTENANCE

Remove all dust or grease residue before each use. Wipe off any debris/residue with a clean cloth.

**▲ WARNING:** DO NOT attempt to clean the Shop Heater while it is in operation.

**▲ WARNING:** No Serviceable Parts

**▲ WARNING:** DO NOT open the unit or attempt to repair.

### STORAGE

Store the Shop Heater in an upright position and in a clean, dry area. Do Not store near flammable items or open flames.

### OPERATION

**▲ WARNING:** Follow the information in this manual exactly; a fire may result causing property damage, personal injury or loss of life.

**▲ WARNING:** Electrical outlet wiring must comply with local building codes and other applicable regulations to reduce risk of fire, electrical shock and operator injury.

**Note:** When operating this heater for the first time, you may notice a slight emission of smoke. This is normal and will stop after a short time. The heating element is made of steel and is coated with layer of protective oil during production.

1. Position the Shop Heater on a level, dry surface capable of supporting the shop heater's weight. Ensure the Shop Heater is separated from flammable materials.
2. Connect the Shop Heater to a 110-120V AC grounded electrical power source.
3. For the fan function, turn the left function dial (G) clockwise to the 2nd position.
4. For the heating function, turn the left function dial (G) clockwise to the 3rd position.
5. Rotate the thermostat dial clockwise (I) to set the thermostat to the maximum temperature.



# 1500W 120V SHOP HEATER

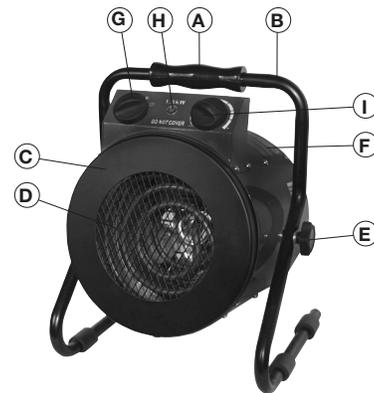
## TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
The heating element does not glow red	Stainless steel does not glow red to produce heat	The heater is operating correctly
Do not feel heat or air flow	No power to heater	Check the power connection
	Desired room temperature is reached	Thermostat automatically will shut off once the temperature is reached
	Auto-reset has tripped	Unplug the heater and allow to cool for at least 10 minutes, then restart
	Heater only has fan only setting	Rotate to the third setting on the function dial for heating

## COMPONENT LIST

Figure	Description
A	Handle
B	Frame
C	Shop Heater
D	Heating Element and Output
E	Frame Fastener
F	Air Intake
G	Function Dial
H	Power Indicator
I	Thermostat Dial
J	Power Cord (Not Pictured)

## COMPONENT DIAGRAM



This symbol designates that this tool is listed with U.S. requirements by ETL Testing Laboratories, Inc. Conforms to UL Std. 1278, CSA Std. C22.2 No.46.

**Note:** Not all components of the 1500W 120V Shop Heater are replacement items, but are illustrated as a convenient reference for location and position in the assembly sequence. The manufacturer and/or distributor have provided the parts list and assembly diagram in this manual as a reference tool only. Neither the manufacturer nor distributor makes any representation or warranty of any kind to the buyer that he or she is qualified to make any repairs to the product,

or that he or she is qualified to replace any parts of the product. In fact, the manufacturer and/or distributor expressly states that all repairs and parts replacements should be undertaken by certified and licensed technicians, and not by the buyer. The buyer assumes all risk and liability arising out of his or her repairs to the original product or replacement parts thereto, or arising out of his or her installation of replacement parts thereto.

## OEMTOOLS™ ONE YEAR WARRANTY

If for up to one year from the date of purchase of this OEMTOOLS™ product you find any defect in material or workmanship, through normal usage, return it to the place of purchase, or to OEMTOOLS™ for repair or replacement at our discretion. In order to obtain this service, send the product and proof of purchase, transportation pre-paid, to OEMTOOLS™ Q.A. Dept, 3580 E. Raines Road #3, Memphis, TN 38118. We will not be responsible for lost or damaged goods during transportation; please insure your package. If our inspection verifies the defect, we will either repair or replace the product at our election, or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

OEMTOOLS™ does not provide warranty for products labeled other than OEM or OEMTOOLS™. OEMTOOLS™ will not provide any warranty for products subjected to abnormal use. Abnormal use includes, but is not limited to, abuse, accident, alteration, neglect, and unauthorized or unreasonable use or repairs. This warranty does not cover bits, blades, files, batteries, or calibration. We recommend that you maintain your tools and sharpen or replace blades, bits, files, and batteries as necessary. OEMTOOLS™ reserves the right to make any changes in construction or design at any time without any obligation in incorporating such changes to tools or equipment previously sold.

OEMTOOLS™ makes every effort to ensure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of one year from the date of purchase. This warranty does not apply to damage due directly or indirectly to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear or to lack of maintenance.

We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

## CONTACT US

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