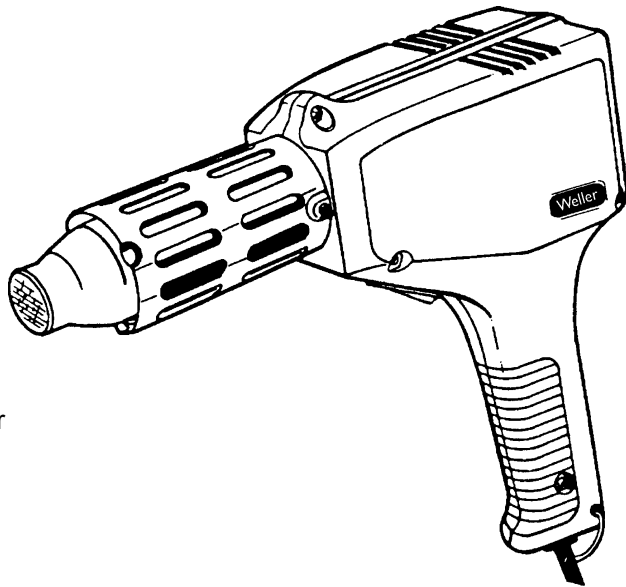


MODEL 6970 HEAT GUN OPERATING INSTRUCTIONS

HEAVY DUTY HEAT GUN

The Weller Model 6970 has been designed to handle jobs far beyond the capabilities of a conventional-size heat gun.

It has the power and capacity to master a wide range of heavy-duty assignments, including molding and welding plastics, softening and forming plastic laminates, paint stripping, curing large volumes of epoxies, heat-shrinking cables and softening floor tiles and putty.



Weighing only 28 ounces, the 6970 is surprisingly light for a heavy-duty heat gun, yet is engineered and ruggedly constructed to withstand the demands of long and constant use. You will discover that its handle is comfortable to hold, even over extended periods, and remains cool at all times.

WARNING: This product, when used for soldering and similar applications, produces chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

WARNING: To reduce the risk of fire or electric shock, connect to grounded outlet; do not expose to rain or moisture, store indoors; read instructions before using.

IMPORTANT THINGS TO REMEMBER

The 6970 has a variable 3-position switch: up to 700°F/off/up to 1000°F. Make sure the switch is in the center (off) position before plugging the gun into the required AC power outlet.

Correct heat/air speed setting is determined by the type of work and pace most comfortable for the operator.

Be aware that the amount of heat available for the job drops off sharply as the distance between the nozzle outlet and work surface is increased. Consequently, for tougher jobs, and to accomplish work more rapidly, set the gun at 1000°F and move it in closer. However, always maintain the **minimum** of 1/4" **clearance** between the nozzle and the work surface to prevent possible damage.

Also, never direct the heat toward glass or other heat sensitive materials as cracking or breakage may occur.

NOTE: If air flow is blocked to nozzle, causing overheating, the gun will turn off and come back on when it has cooled. **DO NOT** leave gun unattended when it has stopped, since it will restart and could cause fire or injury.

MAKE SURE IT'S GROUNDED

This heat gun comes with a 3-conductor cord and a 3-prong plug for proper grounding to prevent possible electric shock. Always plug the gun either directly into a ground outlet or into the correct size 3-wire extension cord (see chart).

If either the unit or the 3-wire extension cord is plugged into an ungrounded (2-prong) outlet, make certain that you use a grounding adapter and follow the instructions supplied by its manufacturer. Observing these precautions will assure full protection for the operator against possible electric shock.

CHECK YOUR EXTENSION CORD

Determine that it's the proper length and that the wire size is marked WA for outdoor use (if so used) and that it's U.L. (Underwriter Laboratories) approved. If used in Canada, it should be CSA approved.



PROPER SIZE EXTENSION CORDS FOR THE 6970 HEAT GUN:

Total Cord Length	Up To 50'	50' to 100'	100' to 150'	150' to 200'
Minimum Wire Size (AWG)	16	16	14	12

ALWAYS OBSERVE THESE SAFETY RULES

FOR A SAFE WORK AREA

- Keep the work area clean and uncluttered.
- Keep visitors, especially children, away from the work area.
- Maintain proper lighting for maximum visibility.

FOR OPERATOR SAFETY

- Wear safe clothing, avoid jewelry or other loose fitting items.
- The 6970 produces up to 1000°F of flameless heat at the nozzle, so keep face, hair, hands, clothing, etc., out of the air stream.
-  • Connect to a grounded outlet to avoid the risk of fire or electric shock. Do not expose the unit to rain or moisture.
- Never operate the gun on its side on a bench. Always hold it securely in the hand.
- Wear safety glasses while operating the unit. Non-skid footwear and rubber gloves are also recommended for outdoor use.
- Never use a heat gun when overly tired or after taking any kind of drug.
-  • Avoid using this tool in or near flammable liquids or explosive atmospheres of gas, vapor or dust.
-  • Don't touch the nozzle while operating. Wait for cool-down period of 3-5 minutes after the unit is turned off.
- Keep the nozzle at least 1/4" from the work surface to ensure unrestricted air flow.
- Always make sure that the air gun is clean and free of moisture before operating.
- Check to see that both intake and outlet openings are not clogged or restricted.

FOR PROTECTION OF THE HEAT GUN

- After using, position the gun with the nozzle upward to allow residual heat to rise.
- Give your heat gun the care you would any fine precision instrument. Don't carry it or swing it by the cord, or unplug the cord by yanking or pulling on the heat gun.
- Keep the cord away from sharp edges, heat, water, oil and solvents. Make it a habit to inspect it periodically.

FEATURES

The 6970 Heat Gun is operated by a 3-way low/off/high switch conveniently located at the trigger position. Heat flow is 1000°F and 700°F at the nozzle, deliverable in seconds. For additional operator convenience, the unit has a 6 ft. 3-wire cord, plus a ring for suspending it over a work area.

SPECIFICATIONS

750 watts (max.), 120 Volts AC (only).
High setting - 1000°F at air flow of 3000 FPM*/7.7 CFM**
Low setting - 700°F at air flow of 2700FPM/6.9 CFM
*FPM (feet per minute)
**CFM (cubic feet per minute)

 Hidden areas such as behind walls, ceilings, floors, soffit boards and other panels may contain flammable materials that could be ignited by the heat gun when working in these locations. The ignition of these materials may not be readily apparent and could result in property damage and injury to persons.

When working in these locations, keep the heat gun moving in a back-and-forth motion. Linger or pausing in one spot could ignite the panel or the material behind it.

IMPORTANT SAFETY INSTRUCTIONS MAKE SURE YOU READ THESE INSTRUCTIONS

 **WARNING:** Extreme care should be taken when stripping paint. The peelings, residue and vapors of paint may contain lead, which is poisonous. Any pre-1977 paint may contain lead and paint applied to homes prior to the 1950 is likely to contain lead. Once deposited on surfaces, hand to mouth contact can result in the ingestion of lead. Exposure to even low levels of lead can cause irreversible brain and nervous system damage; young and unborn children are particularly vulnerable.

Before beginning any paint removal process you should determine whether the paint you are removing contains lead. This can be done by your local health department or by a professional who uses a paint analyzer to check the lead content of the paint to be removed. **Lead-based paint should only be removed by a professional and should not be removed using a heat gun.**

Persons removing paint should follow these guidelines:

1. Move the work piece outdoors. If this is not possible, keep the work area well ventilated. Open the windows and put an exhaust fan in one of them. Be sure the fan is moving the air from inside to outside.
2. Remove or cover any carpets, rugs, furniture, clothing, cooking utensils and air ducts.
3. Place drop cloths in the work area to catch any paint chips or peelings. Wear protective clothing such as extra work shirts, overalls and hats.
4. Work in one room at a time. Furnishings should be removed or placed in the center of the room and covered. Work areas should be sealed off from the rest of the dwelling by sealing doorways with drop cloths.
5. Children, pregnant or potentially pregnant women and nursing mothers should not be present in the work area until the work is done and all clean ups is completed.
-  6. Wear a dust respirator mask or a dual filter (dust and fume) respirator mask which has been approved by the Occupational Safety and Health Administration (OSHA), the National Institute of Safety and Health (NIOSH), or the United States Bureau of Mines. These masks and replaceable filters are readily available at major hardware stores. Be sure the mask fits. Beards and facial hair may keep masks from sealing properly. Change filters often. **Disposable paper masks are not adequate.**
7. Use caution when operating the heat gun. Keep the heat gun moving, as excessive heat will generate fumes which can be inhaled by the operator.
8. Keep food and drink out of the work area. Wash hands, arms and face and rinse mouth before eating or drinking. Do not smoke or chew gum or tobacco in the work area.
9. Clean up all removed paint and dust by wet mopping the floors. Use a wet cloth to clean all walls, sills and any other surface where paint or dust is clinging. **Do not sweep, dry dust or vacuum.** Use a high phosphate detergent or tri-sodium phosphate (TSP) to wash and mop areas.
10. At the end of each work session put the paint chips and debris in a double plastic bag, close it with tape or twist ties, and dispose of properly.
11. Remove protective clothing and work shoes in the work area to avoid carrying dust into the rest of the dwelling. Wash work clothes separately. Wipe shoes off with a wet rag that is then washed with the work clothes. Wash hair and body thoroughly with soap and water.



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WELLER MODEL 6970 HEAT GUN

1 YEAR LIMITED WARRANTY

Your Weller Heat Gun was carefully tested and inspected before it was shipped from the factory. We warrant this product to be free from defects in materials and workmanship under normal use and service for 1 year from the date of purchase. In the event of a defect in materials or workmanship, we will either repair or replace without charge, at our option, any part which in our judgment shows evidence of such defect within 1 year from the date of purchase.

This warranty does not apply if the Heat Gun has been misused, abused, altered, tampered with or used on voltage other than specified on the nameplate. At the end of the warranty period, Weller shall be under no further obligation expressed or implied.

This warranty gives you specific rights, and you may also have other rights which may vary from state to state.

For repair service, return you Heat Gun prepaid, with a not describing the problem, to Cooper Tools - Weller Division, 1000 Lufkin Road, Apex, NC 27539, ATTN: Repair Department.