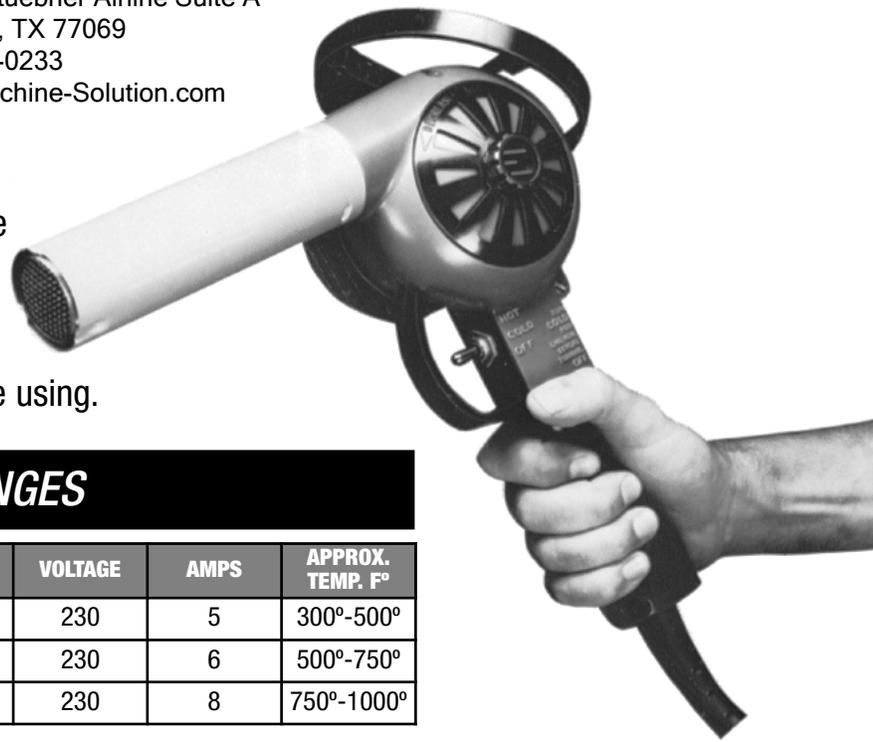


# HEAT GUN

## OWNER'S MANUAL

ProSource Packaging, Inc.  
14911 Stuebner Airline Suite A  
Houston, TX 77069  
800-203-0233  
www.Machine-Solution.com



Your Heat Gun is part of a tool line that is capable of producing up to 1,200°F heat and EXTREME CAUTION should be exercised in its use and operating environment. This owner's manual should be read and completely understood before using.

### TEMPERATURE RANGES

MODEL NO.	VOLTAGE	AMPS	APPROX. TEMP. F°
**EP3-UL	115	9	300°-500°
**EP5-UL	115	12	500°-750°
**EP6-UL	115	14.3	650°-900°
EP7-UL	115	15	750°-1000°
EP1100 Plus	115	15	800°-1150°
**CSA Listed Models			

MODEL NO.	VOLTAGE	AMPS	APPROX. TEMP. F°
EP-3A	230	5	300°-500°
EP-5A	230	6	500°-750°
EP-7A	230	8	750°-1000°

**Optional Break Resistant Element Available (add the suffix "M" to the model number for a Mica Element).** Solves breakage problems due to rough handling, dropping, etc.

### SAFETY PRECAUTIONS

- Check your electric line and receptacle to make certain they are correct for the voltage and amperage indicated on your Heat Gun. If an extension cord is necessary, a minimum 14 gauge three-prong grounding type cord rated for outdoor use would be used to prevent excessive voltage drop, loss of power or overheating.
- Do not use adapters or modify the Heat Gun plug.
- Replace damaged cords and plugs immediately.
- Because the Heat Gun has the appearance of a household hair dryer, keep out of the reach of children and advise other persons having access to it of its high heat capabilities.
- **WARNING:** With a Heat Gun, as with all other heat tools, keep a fire extinguisher handy and observe all sensible fire precautions.
- **WARNING:** To reduce the risk of fire or electric shock, do not expose heat guns to rain or moisture. Store indoors. Connect to grounded outlet only.

- This tool emits high temperature heat at the nozzle. Keep hands and body out of the heated air stream and never grasp the Heat Gun by the nozzle. Wearing protective gloves and safety glasses is recommended.
- Never let the Heat Gun operate while unattended and unplug when not in use or before servicing.
- Do not use Heat Gun near combustible materials, fumes or vapors. Good ventilation is always advised.
- Do not heat chemicals. Avoid the hazards of ignition or the release of harmful vapors.
- Heat Guns are equipped with a circular safety stand that should be used when setting the tool down while operating or during the cool-down period. Never store while hot.
- Although the housing and handle of your Heat Gun are constructed of non-conducting material, it is not recommended for use in wet or damp areas. Never immerse Gun in water nor stand in water or wet areas while using Gun.

## READ THESE INSTRUCTIONS

### ***SAFETY PRECAUTIONS CONTINUED***

Underwriting Laboratories, Inc., in the Eleventh Edition for Electrical Heating Appliances, UL 499 revised May 1990, issues the following instructions:

1. 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.
2. When working in these locations, keep the 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***

**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 1950 is likely to contain 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:**

- 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.
- Remove or cover any carpets, rugs, furniture, clothing, cooking utensils and air ducts.
- 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.
- 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.
- 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-up is complete.
- 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 the masks from sealing properly. Change filters often. DISPOSABLE PAPER MASKS ARE NOT ADEQUATE.
- 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.
- 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.
- Clean up all removed paint and dust by wet mopping the floors. Use a wet cloth to clean all walls, sills and any other surfaces where paint or dust is clinging. **DO NOT SWEEP, DRY DUST OR VACUUM.** Use a high phosphate detergent or trisodium phosphate (TSP) to wash and mop areas.
- 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.
- Removed 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.

SAVE THESE INSTRUCTIONS

## MAINTENANCE INSTRUCTIONS

- The brushes and commutator in your Heat Gun have been engineered and matched for many hours of dependable service. Brushes should be checked for wear at approximately 400 hours of total operation. Replace in sets when they reach a length of 1/4-inch or less. Brush springs should be replaced at the same time.
- Bearings are factory lubricated and sealed for the life of the bearing and no further lubrication is required.
- If the Heat Gun is used under extremely dusty conditions, dust inside of the housing can be removed without disassembly with a blast of compressed dry air through openings in the housing.
- If housing exterior requires cleaning, any household liquid detergent may be used being careful not to allow liquid of any kind to reach the Gun's operating parts. Avoid using MEK or strong alkaline solutions.
- Visual inspection of cord and plug should be made occasionally to make sure protective insulation is not damaged.
- In the event of heating element burnout, the complete "Quick Change" assembly can be ordered with installation instructions.

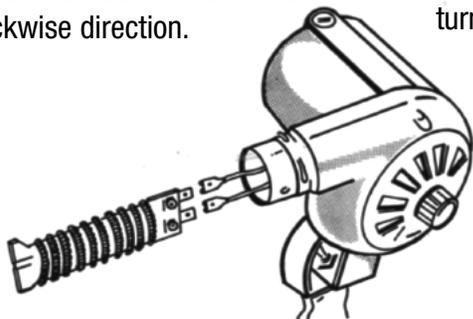
## "QUICK-CHANGE" ELEMENT REPLACEMENT STEPS

### For Ceramic-Based Elements

- Turn outer shield counterclockwise and pull away from housing.
- Loosen bolt and nut on the inner shield and rotate clockwise until the locking knob on the housing is visible. Remove the three screws from the cover. **Lift back of cover and gently slide away from inner shield.**
- Remove old element by pulling connectors apart and attach new element in same manner.
- Using new piece of mica, wrap element and slide into inner shield.
- Re-assemble the bolt through new element using one spacer on each side. Start nut, but **do not tighten.**
- Slide element into the inner shield so that bolt drops down into slot provided. Slide the inner shield onto the housing and twist counterclockwise until the knob is secured and **then** tighten bolt and nut. Slide the outer shield on and twist in a clockwise direction.

### For Mica-Based Elements

- Turn outer shield counterclockwise and pull away from housing.
- Rotate inner shield clockwise until the knob on the housing is visible.
- Remove the three screws from the cover.
- **Lift back cover and gently slide away from inner shield.**
- Disconnect the two terminals from element and pull the element out.
- Using a new piece of mica, wrap element and slide into inner shield.
- Make sure mica is slid down to bottom of nozzle.
- Reconnect the two terminals to the new element.
- Replace cover — do not hit the blower fan.
- Tighten cover screws — turn inner nozzle counterclockwise. Slide on outer shield and tighten by turning clockwise.

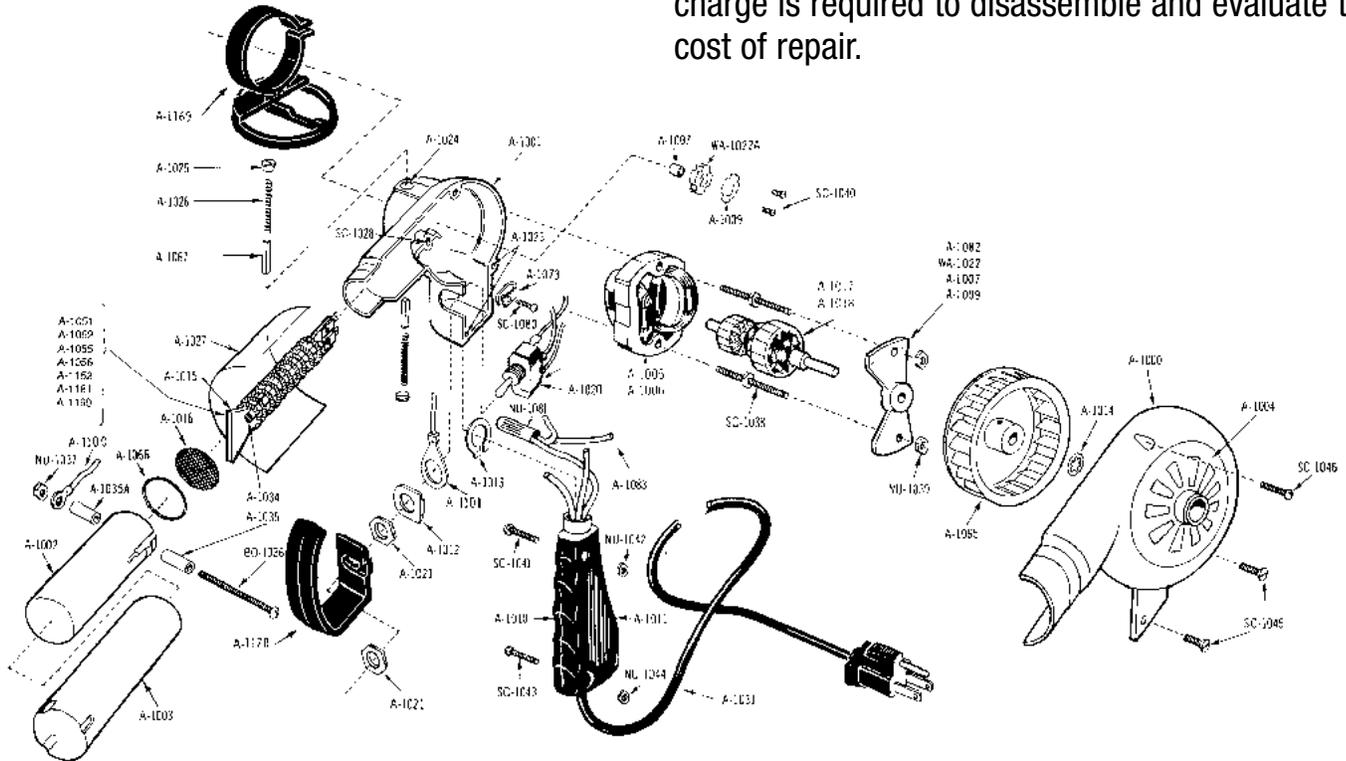


## IF YOUR HEAT GUN NEEDS FACTORY SERVICE

Send complete unit prepaid with request for repair including a brief note describing the problem.

"In-Warranty" repaired guns will be returned promptly, prepaid.

"Out-of-Warranty" repairs, if less than \$25, will automatically be repaired. If the amount exceeds \$25, repairs will be made only after authorization is received from the sender. A standard \$8.00 service charge is required to disassemble and evaluate the cost of repair.



PART#	DESCRIPTION	NO. USED
A-1000	Housing/Cover with parts	1
A-1001	Housing/Motor with parts	1
A-1004	Regulator/Air	1
A-1023	Dodge Insert	3
SC-1045	Mach. Screw-Housing Bottom	2
SC-1045	Mach. Screw-Housing Top	1
SC-1040	Type "F" Steel T.C.S. Screw	4
A-1014	Ring-Retainer-Air Regulator	1
A-1073	Cable Clamp	1
SC-1080	Type "F" Steel T.C.S. Screw	1
NU-1081	Wire Nut	1
A-1083	Lead Wire	2
A-1010	R.H. Handle one-half	1
A-1011	L.H. Handle one-half	1
A-1013	Ring Retainer-Handle	1
SC-1041	Mach. Screw-Handle Top	1
NU-1042	Hex Nut-Handle Top	1
SC-1043	Mach. Screw-Handle Bottom	2
NU-1044	Hex Nut-Handle Bottom	2
A-1005	Motor Field Assembly 115V	1
A-1006	Motor Field Assembly 230V	1
A-1017	Armature Assembly 115V	1
A-1018	Armature Assembly 115V	1
SC-1038	Field Stud	2
NU-1039	Hex Nut-Field Stud	4

PART#	DESCRIPTION	NO. USED
A-1020	Switch/20Arnps	1
A-1021	Switch Nut	1
A-1024	Brush Holder	2
A-1025	Brush Holder Cap	2
A-1026	Brush Spring	2
A-1027	Carbon Brush	2
A-1035	Porcelain Tube Spacer (1/2")	1
A-1035A	Porcelain Tube Spacer (9/16")	1
SC-1028	Set Screw/Brush	2
A-1082	Bearing Bracket Assembly	1
A-1007	Bearing	2
A-1009	Bearing Retainer	2
WA-1022A	Oil Ret. Washing in Housing	1
A-1065	Blower Wheel	1
A-1002	Nozzle/Blower	1
A-1003	Shield/Blower	1
A-1016	Screen/Nozzle	1
A-1066	O'Ring/Nozzle	1
A-1031	Cord Set	1
A-1100	Grounding Assembly/Nozzle	1
A-1101	Grounding Assembly/Switch	1
A-1027	Mica (included w/element kit)	1

PART#	DESCRIPTION	NO. USED
BO-1036	Machine, Bolt-Element	
NU-1037	Hex Nut-Element Bolt	1
A-1051	Heating Element Kit for EP-3, 115 & EP-3UL 115V	
A-1052	Heating Element Kit EP-3A 230V	
A-1055	Heating Element Kit for EP-5 115V & EP-5UL 115V	
A-1056	Heating Element Kit for EP-5A 230V	
A-1181	Heating Element Kit for EP-7 115V	
A-1152	Heating Element Kit for EP-5C 115V	
A-1199	Heating Element Kit for EP-1100 Plus	
1169	Circular Safety Stand	
1170	Trigger Guard	
1129	Shrink Tube Reflector (3/4")	
1130	Shrink Tube Reflector (2")	
1154	Carrying Case	
1155	Heat Concentrator	

## OPERATING INSTRUCTIONS

The Eddy Heat Gun has three position toggle switch marked OFF-COLD-HOT. In "COLD" position, only the fan will operate. In "HOT" position, both the heating element and fan operate. When switching the gun off, switch to "COLD" position and allow fan to run for one minute before switching to "OFF." This procedure, when turning off gun, will extend the life of the heating element and protect the housing from damage.

- Adjust heat by turning the air regulator assembly. Your gun's rated temperature range is based upon the amount of air passing through the air regulator. Turning the regulator as indicated will increase or decrease the temperature.

- To prevent back pressure and premature heating element burn-out, keep nozzle at least one-inch from surface being heated. Keep nozzle moving ... do not hold stationary on flammable materials.
- Make certain that all ventilation openings are kept clean and free of foreign matter. The Heat Gun is most effectively cleaned with compressed dry air. Do not insert objects through openings.
- Care in handling is recommended to avoid damage to the heating element core.

## ACCESSORIES FOR HEAT GUNS

**Add versatility and extra uses to your precision unit for a wide variety of industrial and commercial applications.**



- Model 1169 Sturdy circular safety stand of LEXAN can be easily adjusted to any angle in horizontal or vertical position. Easily attached and removed.



- Model 1155 Heat Concentrator Attachment for limited area coverage and efficient shrinking of small size tubing.



- Shrink Tube Reflectors, Model 1129 (left) is for tubing up to one-inch O.D. and Model 1130 (right) handles up to two-inches O.D. tubing.



- Model 1154 Rugged polyethylene carrying case holds Heat Gun, circular safety stand and accessories.



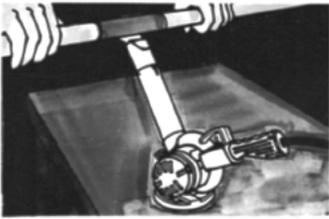
## HEAT GUN WARRANTY

Eddy Products warrants this Heat Gun to be free from defects in material and workmanship under normal use and service within 12 months from the date of purchase and guarantees to either repair or replace at our option, at no cost, any part that in our judgement shows evidence of such defect within 12 months from the date of purchase.

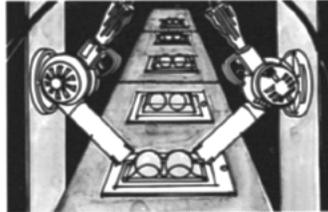
All transportation charges on parts submitted for replacement or repair under this warranty must be borne by the purchaser.

This warranty does not cover motor brush or normal wear and does not apply if the Gun has been abused, altered, or not used with current specified on the nameplate. Upon expiration of the warranty periods, the manufacturer shall have no further warranty obligations, expressed or implied.

Eddy Products  
Customer Service Department  
1509 Rapids Drive  
Racine, WI 53404



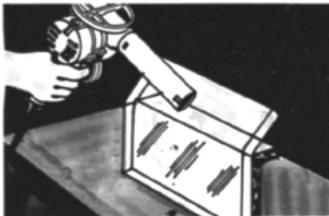
SHRINK TUBING



SHRINK FILM PACKAGING



SMOOTH VINYL WRINKLES



BEND PLASTIC & LAMINATES



SOFTEN FLOOR TILE



DRY MOISTURE

MANUFACTURERS OF

ELECTRIC HEAT GUNS

**EDDY PRODUCTS**  
A DIVISION OF ELECTRICAL ASSEMBLY, INC.

1509 RAPIDS DRIVE  
RACINE, WI 53404

(262) 633-2315  
(800) 473-7661  
Fax: (262) 633-1933