



Skokie 847-677-2010 Glenview 847-657-9020 Wheeling 847-537-2255

Heat Gun

IMPORTANT:

- When operating a heating appliance with an extension cord while outdoors, use only **extension cords marked W-A or W**. These cords are rated for outdoor use and reduce the risk of electric shock.
- Improper grounding can shock, burn or electrocute.
- If an extension cord is necessary, a cord with adequate size conductors that is capable of carrying the current necessary for your tool must be used.

**RECOMMENDED SIZES OF EXTENSION CORDS
120 VOLT ALTERNATING CURRENT TOOLS**

Tool's Ampere Rating	Cord Size in A.W.G.				Wire Sizes in mm ²			
	Cord Length in Feet				Cord Length in Meters			
	25	50	100	150	15	30	60	120
3-6	18	16	16	14	.75	.75	1.5	2.5
6-8	18	16	14	12	.75	1.0	2.5	4.0
8-10	18	16	14	12	.75	1.0	2.5	4.0
10-12	16	16	14	12	1.0	2.5	4.0	—
12-16	14	12	—	—	—	—	—	—

Personal Safety :

- Stay alert, watch what you are doing and use **COMMON SENSE** when operating a heating appliance. A moment of inattention or use of drugs, alcohol or medication while operating a heating appliance can be dangerous.
- Use safety equipment. Always wear safety goggles. Dust mask, protective gloves, safety shoes or non-skid shoes, must be used for appropriate conditions.
- Avoid accidental starting. Be sure switch is "OFF" before plugging in. Carrying the heating appliance with your finger on the switch or plugging in the heating appliance that has switch "ON" invites accidents.
- Do not direct hot tip or nozzle toward clothing, hands or other body parts. Intense heat from tip or nozzle can cause serious burns or cause clothing to ignite.
- Do not touch nozzle or shield until completely cool. During use very high temperatures are generated in these areas.
- Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, body, clothing and gloves away from nozzle or shield. Clothing or hair could ignite from extreme heat.
- Do not overreach, keep proper footing and balance at all times. Proper footing and balance enables better control of the heating appliance in unexpected situations.

Tool Use and Care:

- Do not use heating appliance if switch does not turn it "ON" or "OFF". Any tool which cannot be controlled by the switch is dangerous.

- Disconnect the plug from the power source before making any adjustments or changing accessories. Such preventative safety measures reduce the risk of starting the heating appliance accidentally.
- Store idle heating appliance only after adequate cooling period, indoors in high, dry place out of the reach of children and untrained persons. Heating appliances are dangerous in the hands of untrained persons.
- Do not leave heating appliance unattended while it is running or cooling down. Always set tool on a flat, level surface so that nozzle tip is directed upwards, away from supporting surface while running or cooling down.
- Keep a fully charged fire extinguisher close at hand for emergency use.



Size8" L x 5-1/4" W x 9-1/2" H
 Nozzle opening 1-3/16" dia.
 Avg. air velocity 3000 FPM at ambient
 Avg. air volume23 CFM at ambient
 Net weight 3-1/2 lbs.
 120V models60 Hz
 Temperature Range 750°F (400°C) 1000°F (540°C)
 Nozzle shield 4-3/16" L
 Cord length. 6 Ft. L

TO OPERATE HEAT GUN:

1. Plug heat gun into properly rated outlet.
2. Move rocker switch to "Hot" position. Heat gun will come up to full operating temperature in approximately two minutes.
3. Adjust air intake shutter to desired position. Open will provide slightly cooler air. Closed will provide the highest temperature.
4. Adjustable stand is provided to allow nozzle to be rotated from almost horizontal to vertical position.
5. To turn heat gun off after use, move switch to "COLD" position. Run on cold for approximately three minutes. This will allow the heat gun to cool down and the nozzle to become cool to the touch.
6. Move switch to "OFF" position. When heat gun is used in an enclosed container, such as a shrink tunnel or special enclosure, ambient air must be allowed to pass into the heat gun and there must be an outlet of equal size for the heated air to pass out of the enclosure also. Total enclosure will cause damage or possible failure to the heat gun due to the extreme heat generated.

Typical Applications:



1. To strip paint, turn unit on and hold it about 1 inch from the surface being stripped. Proper distance and speed of stripping should be determined by experience. It is an advantage to hold the gun further from the surface and to move forward slowly. Slower speed is compensated by the wider softened areas. Heat will also penetrate deeper.
2. Outlet temperature can be regulated by the shutter at the side of the unit. With shutter open, temperature is about 750°F/400°C at a distance of 1 inch from the nozzle. With shutter closed, temperature is about 1000°F/540°C. Experiment to see which setting gives the best results with the paint you are stripping.
3. As paint begins to blister and bubble, move gun slowly in a steady progression across the surface. Follow closely with a scraping knife (a 2-inch wall scraper works best) to scrape the loosened paint. Preheat scraper as you are heating the paint surface. This increases the speed of paint stripping.
 - A. Removal of paint by using heat is based on the fact that all organic paints soften at elevated temperatures. When soft, the paint can be easily lifted off without damage to the surface.
 - B. When stripping paint from grooves in moldings, you can devise your own scraping tools. Old screwdrivers with ground-down blades and linoleum knives are often used.
4. When the task is completed, move rocker switch to "Cool" position. Allow blower to operate for a few minutes on cool.



Use stand to free both hands. Slide tubing over area to be insulated. Place in air stream and move with a side to side motion until tubing has shrunk. Remove from air stream.



After shrink wrap has been sealed around product, poke a small hole in it to allow trapped air to escape. Then wave heated air stream back and forth across package until shrink wrap has evenly shrunk.



Direct heated air stream at tile to be removed in a back and forth motion. This will soften the adhesive backing. Place putty knife under tile and lift to remove.

BENDING AND FORMING PLASTICS



Experiment with a piece of scrap material first to develop a proper technique. Place plastic piece into a proper holding fixture. Wave hot air along the whole length of the "Bend" line until plastic softens along that area. Bend plastic to desired position.

REMOVING OLD PUTTY



When removing putty from a broken window, carefully remove the broken glass first. When removing putty from an undamaged window, direct the hot air stream away from the glass to prevent cracking due to thermal shock. It is convenient to shield the glass from the hot air with a large putty knife. Wave the hot air stream at putty until softened. Remove with putty knife.

SPEED DRYING PARTS



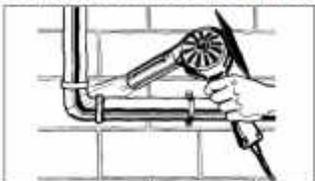
Parts and other materials can be speed dried by waving the heated air stream over the work until dried.

STRETCHING, SHAPING AND INSTALLING VINYL



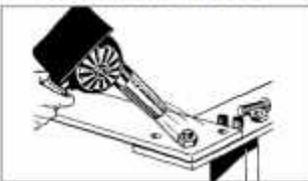
Direct hot air stream at vinyl section and wave heat gun in a back and forth motion. Stretch and shape until wrinkles are removed. DO NOT aim at glass.

DEFROSTING FROZEN COILS OR PIPES



Direct hot air stream at frozen part and wave back and forth until part is defrosted or thawed.

LOOSENING NUTS AND BOLTS



Direct hot air stream at nut or bolt to be loosened for a short period of time. Heating the nut or bolt will cause the metal to expand. Remove the air stream from work piece. Loosen nut or bolt with proper wrench.