

HG-350 HOTAIR GUN

OPERATING INSTRUCTIONS

Connecting to Gas Cartridge and Refill with Butane Gas

Only connect and disconnect the heat gun to the gas cartridge outdoors or in a well ventilated area.

- 1.1 Ensure that the OPEN/Close Control Knob is turned off (turned fully clockwise).
- 1.2 Keep the Gas Cartridge upright when fitting it to the heat gun valve.
- 1.3 Place the valve on top of the Gas Cartridge valve. (Fig.1)
- 1.4 Gently screw the Gas Cartridge into the valve. Be careful not to cross-thread the heat gun to the cylinder.

CAUTION: Screw on hand tight only. Do not over tighten or you will damage the heat gun seals and gas cartridge seals.

- 1.5 Refilling with butane gas as shown with gas cartridge bottom facing up (Fig. 2). Stop filling when overflow gas.
- 1.6 Do not check for leaks with a flame. Use soapy water only, applied to the joints and connections of the heat gun and gas cartridge. Any leakage will show up as bubbles around the leakage area. If you are in doubt or if you can hear, see or smell gas, do not attempt to light the heat gun. Unscrew the gas cartridge and contact your local dealer

APPLICATIONS

Heat Shrink Tubing	Window Repairs
Heat Shrinkable Materials	Thaw Frozen Pipes
Shrink Wrap	Spot Ice Melting
Setting Epoxies and Adhesives	Leather and Vinyl Repair
Bending Plastics and composite materials	Packaging corrections
Applying Window and Decorative Films	Prosthetic Fabrication
Car Wrapping	Starting BBQ Charcoal
Heat Removal of various substances	
Automotive Dent Repair	



OPERATING THE HEAT GUN

- 2.1 Always point the burner away from your body and any flammable or combustible objects.
- 2.2 Turn the **OPEN/CLOSE Control knob** counterclockwise approx. ¼ turn to open the valve, press and release the Ignition Knob to ignite the heat gun flame. You should hear a loud **"WOOSH"** sound which indicates that the heat gun is ignited and hot. Depending on conditions it may take up to 3 pushes of the **Ignition knob** to ignite.
- 2.3 Full power should be achieved with Control Knob opened approx. ½ turn but this may vary depending on the ambient temperature and contents of the **Gas Cartridge**.
- 2.4 **Hand Protector:** The heat gun has a built in hand protector/vertical stand that allows for using it in the nozzle-up position. (fig.3)
- 2.5 After use, ensure that the **Control Knob** is fully shut (turned fully clockwise). Take the heat gun/cylinder assembly outdoors and unscrew heat gun from the **Gas Cartridge**.
- 2.6 **Safety Stand** for better stability and multiple angles use.(fig.4)

ACCESSORIES & ATTACHMENTS

- 3.1 **Deflector Nozzle** is used for Heat Shrink Tubing and other similar products
- 3.2 **Heat Spreader** can be used for applying heat activated films, shrink wraps, removing paint, caulking, and other materials
- 3.3 We do not recommend use of any attachments that are not specifically designed for this butane powered heat gun

Fig.3



Fig.4



WARNINGS

- This heat gun is used with a flammable product (Butane). Failure to comply with these Warnings and Instructions may result in an explosion or fire that may cause property damage, serious personal injury or death.
- Read and comply with the instructions and warnings in this manual and familiarize yourself with the Heat Gun before lighting and using.
- Review instructions and warnings periodically to maintain awareness. Do not try to operate before reading instructions.
- This tool is to be used only with built-in butane gas cartridge specifically designated for this tool.
- Materials used in the construction of this device may contain brass (which may contain lead), a chemical known to the State of California to cause birth defects or other reproductive harm.
- Combustion by-products produced when using this device contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.
- Keep heat gun out of reach of children and anyone who has not read instructions. Do not point heat gun towards face, other persons or flammable objects.
- Disconnect gas cartridge when not in use.
- Never attempt to modify the heat gun construction and never use unapproved accessories or fuels.
- Although the internal nozzle flame cannot exceed the length of the nozzle, be extra careful when using the heat outdoors on sunny or windy days. Wind may carry the heat back towards you or other areas not intended to be heated. Windy conditions may also cause sparks to be blown into other areas with combustible materials.
- Treat the heat gun as you would any fine tool or instrument. Do not drop, throw, or otherwise abuse.
- Do not use a leaking, damaged or malfunctioning heat gun
- Heating a surface may cause heat to be conducted to adjoining surfaces that may be combustible or become pressurized when heated. Always check to make sure no unintended parts or materials are being heated.
- Work only in well-ventilated areas. Avoid the fumes from fluxes, lead based paint, and all metal heating operations. Be especially careful to avoid fumes from cadmium plating and galvanized metal- remove these coatings in the area to be heated by filing or sanding prior to heating.
- Always wear safety glasses, protective gloves and use proper tools to handle hot work.
- Be aware that the nozzle of the heat gun can get extremely hot during use. Take precautions to protect yourself and others from accidental burns.
- Never use the heat gun on or near combustibles. Be especially careful around motor vehicles or any gasoline-fired products and beware of hidden fuel lines and tanks.
- Always make certain the heat gun is placed on a level surface when connected to the fuel cylinder to reduce the risk of accidental tip over. Be sure the heat gun is not pointed in a direction which could cause nearby objects to ignite when the heat gun is set down.
- Never leave the heat gun unattended when lit.
- Never attempt to repair or heat a gasoline tank, a chemical drum, an aerosol can, a compressed gas container that held flammable liquid or gas or any other chemical. Heating these is extremely dangerous, especially after they have been "emptied".
- When thawing pipes, be very careful not to overheat surrounding materials. Use heat shield.
- Always have a fire extinguisher and a bucket of water near the heat gun and work area.
- This heat gun consumes oxygen and must only be used in well ventilated areas. Do not use in a confined space.