

FERM®

POWER SINCE 1965



HAM1015

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Fig. A



Fig. B

HOT AIR GUN

The numbers in the following text correspond with the pictures at page 2



Always read the instruction for electrical products carefully before use. It will help you understand your product more easily and avoid unnecessary risks. Keep this instruction manual in a safe place for future use.

Contents

1. Machine data
2. Safety instructions
3. Using the appliance
4. Maintenance

1. MACHINE INFORMATION

Technical specifications

Voltage	220-240 V~
Frequency	50 Hz
Power input	2000 W
Weight	0.62 kg
IP Class	IP 20

Position I

Air flow	300 l/min
Air temperature	450 °C

Position II

Air flow	500 l/min
Air temperature	600 °C

Vibration level

The vibration emission level stated in this instruction manual has been measured in accordance with a standardised test given in EN 60745; it may be used to compare one tool with another and as a preliminary assessment of exposure to vibration when using the tool for the applications mentioned

- using the tool for different applications, or with different or poorly maintained accessories, may significantly increase the exposure level
- the times when the tool is switched off or when it is running but not actually doing the job, may significantly reduce the exposure level

Protect yourself against the effects of vibration by maintaining the tool and its accessories, keeping

your hands warm, and organizing your work patterns

Contents of packing

- 1 Hot air gun
- 1 Reduction nozzle
- 1 Fishtail nozzle
- 1 Instruction manual

Product information

Fig. A

1. Switch
2. Ventilation slots
3. Nozzle outlet

2. SAFETY INSTRUCTIONS

Explanation of the symbols



Denotes risk of personal injury, loss of life or damage to the tool in case of non-observance of the instructions in this manual.



Indicates electrical shock hazard.

General Power Tool Safety Warnings



WARNING!

Read all safety warnings and all instructions. Failure to follow the

warnings and instructions may result in electric shock, fire and/or serious injury.

Additional safety instructions

When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury. Read all these instructions before attempting to operate this product and save these instructions.

Before using the appliance

- Check the following:
 - *Make sure the voltage of the hot air gun corresponds with the power voltage;*
 - *Are the mains lead and the mains plug in a good state: strong, without ravels or damages.*
- Avoid the use of long extension cables;
- Do not use the appliance under moist

circumstances;

- The metal mouthpiece gets hot. Watch out and do not touch the metal mouthpiece;
- Prevent damage of the heating element. Do not lock or block the mouth piece;
- Do not leave the appliance when switched on;
- Do not use the appliance for drying hair or for drying living human beings in general;
- Do not use the appliance in a bath, above water or in spaces where easy inflammable liquids are used.



This appliance operates at a temperature of 600 degrees without visible signs of this temperature (no flames), still there is a chance of fire risk. Watch out for the hot air stream from the mouth piece. This air stream can cause burns.

When operating the appliance

- If you are going to use the hot air gun, vapours and gas can be released during a short time. This can be harmful for your health. Asthmatics can suffer hindrance of it;
- Before connecting the plug to the mains voltage you have to check if the switch is in position "0";
- Keep the mains lead always away from the mouthpiece of the hot air gun;
- Keep children and animals away from the appliance if you are using it.

Immediately switch off the appliance when:

- Plug and/or cable are defective or damaged;
- The switch is defective;
- You smell or see smoke caused by scorched insulation from the hot air gun.

Electrical safety

When using electric machines always observe the safety regulations applicable in your country to reduce the risk of fire, electric shock and personal injury. Read the following safety instructions and also the enclosed safety instructions.



Always check that the power supply corresponds to the voltage on the rating plate.



Class II machine – Double insulation – You don't need any earthed plug

Replacing cables or plugs

Immediately throw away old cables or plugs when they have been replaced by new ones. It is dangerous to insert the plug of a loose cable in the wall outlet.

Using extension cables

Only use an approved extension cable suitable for the power input of the machine. The minimum conductor size is 1.5 mm². When using a cable reel always unwind the reel completely.

3. USING THE APPLIANCE

The Hot air gun can be used for:

- Plumbing work like tube connections, solder, bowing tubes;
- Removing paint, varnish and lacquer without firerisk;
- Quickly drying of appliances which have become wet;
- Drying surfaces for quick repairing;
- Removing self-adhesive labels in a clean way placing PVC labels;
- Blistering after sticking PVC materials can be smoothed after heating;
- Easy removing of vinyl carpeting;
- Forming all synthetics with a low temperature (450 degrees) among which polyethylene and PVC;
- Forming all synthetics with a high temperature (580 degrees) among which acryl and plexiglass;
- Smelting synthetics, among which matters and foils with PVC layer;
- Applying heat shrinking tubes;
- Shrinkwrappers;
- Thawing tubes and engines;
- Repairing finishing layers: email of bath and household appliances;
- Applying epoxypowder coverlayers;
- Repairing of ski's, surf-boards and other sports goods;
- Unscrewing too fast fixed screws and connections.

Operation

Fig. A

You can work manually with this hot air gun or you can put it in a vertical position.

- Check if the mains switch is on position "0" before you connect the apparatus;
- Keep the main lead always away from the hot air stream and the mouth piece;
- Put the mains switch in position 'I or II' to let your hot air gun operate:
 "I" = 450 degrees, air flow 300 l/min.
 "0" = Off
 "II" = 600 degrees, air flow 500 l/min.

When the temperature is excess 600° C, the heats switches it off automatically, however, the heater continues to run. When the heater has cooled to operating temperature, the heater is switched on again.

Switching off:
 Slide the switch to 0.

Tip: If you want to get the best result, test all appliances on a little part of the workpiece.

Use of accessoires Fig. B

Fishtail nozzle (4)

Deflects air away from glass for example when stripping paint in window frames or softening putty.

Reduction nozzle (5)

Distributes air equally over small areas

4. MAINTENANCE



*Always disconnect the apparatus before carrying out inspection or cleaning.
 Never use water or other liquids to clean the electrical parts of the hot air gun.*

- Never use easy inflammable liquids for cleaning the hot air gun, especially for the mouthpiece.
- Regular maintenance of your hot air gun prevents unnecessary problems. Keep the ventilation slots of the hot air gun clean to prevent overheating.

Troubleshooting

In case the hot air gun does not work well, we give you subjoined some possible causes and their solutions.

- **The engine gets overheated.**
 - The ventilation slots of the hot air gun are dirty.
 - *Clean the ventilation slots.*
- **The hot air gun does not start when it is switched on.**
 - Interruption in the electrical circuit.
 - *Check the mains lead and the mains plug.*
 - The switch is defective.
 - *Pull the mains lead out of the wall socket, because there is a chance of fire risk ! Have the hot air gun repaired at your local dealer.*
- **The engine does not work, but it does heat.**
 - Interruption in the electrical circuit.
 - *Pull the mains lead out of the wall socket, because there is a chance of fire risk ! Have the hot air gun repaired at your local dealer.*

Faults

Should a fault occur, e.g. after wear of a part, please contact the service address on the warranty card. In the back of this manual you find an exploded view showing the parts that can be ordered.

ENVIRONMENT

To prevent damage during transport, the appliance is delivered in a solid packaging which consists largely of reusable material. Therefore please make use of options for recycling the packaging.



Faulty and/or discarded electrical or electronic apparatus have to be collected at the appropriate recycling locations.

GUARANTEE

The guarantee conditions can be found on the separately enclosed guarantee card.