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OWNER'S MANUAL

HOT AIR GENERATORS

REFERENCES 6042-02 AND 6042-03

1 - USE :

A portable appliance providing rapid heating, where the absence of flames and incandescence is desired or necessary, e.g.

- transformation of thermoplastic and heat-shrink materials, by folding or deformation of sheets, pipes and profiles,
- accelerated drying of adhesives, resins and miscellaneous items,
- adhesion and welding of plastics,
- fusion of miscellaneous materials and heat-shrinking,
- thawing out and demisting, etc.

2 - DESCRIPTION :

- Supply voltage : 230 volts single-phase.
- Light appliance with built-in ventilating fan with dual insulation, delivered with a 3-metre power cable (with plug).
- Electronic heating regulation, enabling continuous regulation of the hot air output temperature up to 600°C.
- Heating body protected from overheating by built-in electronic system.
- Motor is extremely robust, and is provided with extra-long carbon brushes guaranteeing a long service life of approximately 1200 hours before requiring replacement.
- As an option : many accessories suited to each type of application (see our catalogue).

REFERENCE	POWER +5 -10 %	AIR FLOW RATE (l/mn)	LENGHT (mm)	MASS (kg)
6042-02	3000 W	300	370	1,6
6042-03	1600 W	200	350	1,3

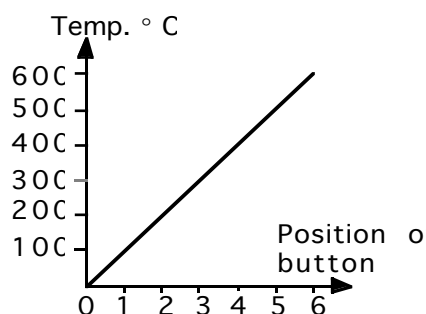
3 - PRECAUTIONS FOR USE :

- The appliance must be used only for its intended purpose; it is not suitable for continuous operation over a period of several hours, non-stop.
- Check that the voltage available corresponds to that stated on the appliance instruction plate.
- The appliance must only be plugged into an electrical network which is protected by a differential circuit breaker.
- Keep materials which are easily flammable and explosives away from the work station.
- During use, guard against any toxic gases which are likely to form.
- Do not maintain the hot air jet in the same direction when working with combustible materials.
- Never use the appliance when it is damp.
- Never leave the appliance operating without any supervision.
- Never place the appliance on flammable material when it is still hot.
- Do not touch the stainless steel air output sleeve tube : there is a risk of serious burns.

NOTE : If the recommendations made in this guide are not followed, this appliance may be extremely dangerous.

4 - **COMMISSIONING PROCEDURE :**

- Switch on the appliance using the on/off switch located on the rear of the handle.
- Set the desired hot air temperature by turning the orange button on the tapered part in front of the handle (the air temperature is adjusted by varying the power dissipated by the heating resistor inside the appliance).



The air temperature is quickly reached, and the appliance is then ready for use.

The temperature graph according to the position of the button, as above, is approximate and depends on the ambient temperature. Keep adjusting it until the required temperature is obtained, e.g. using a portable temperature indicator.

After use :

- Switch off the heating by turning the temperature regulation button to position zero.
- Leave the appliance to cool down, keeping the ventilator fan switched on.
- Switch off the ventilation using the on/off button, then unplug the appliance.

5 - **MAINTENANCE :**

All maintenance work must be carried out only after the appliance has been unplugged and cooled down completely.

Cleaning the appliance : Clean it regularly, using only a damp cloth (wetted with a plastic cleaning agent if necessary), and making sure that no droplets of liquid penetrate inside the appliance via the air admissions.

Cleaning the air filter : Access to this can be gained directly in the case of appliance reference no. 6046-02, by pulling the small black flush-fitting handle on the upper rear part of the handle. If it has become clogged, clean the filter by knocking off the dust or blowing it off with compressed air. If necessary, wash it in warm water with a detergent.

Appliance reference nos. 6046-03 are not equipped with air filters.

Changing the carbon brushes : This operation can only be carried out by an experienced electrician. To reach the motor, it is necessary to carefully dismantle the upper cover of the handle, after withdrawing the black rubber band which acts a protective device.

6 - **SPARES AND ACCESSORIES :**

Consult our catalogue for the equipment available.

7 - **GUARANTEE :**

Our guarantee conforms to inter-union electrical construction agreements, and our general terms and conditions of sale.

We cannot be held liable for any deterioration caused by:

- using the appliance above 10% over the nominal voltage intended,
- lack of maintenance, impacts, rough handling or inexperience on the part of the user.