

OPERATING INSTRUCTIONS

BAK - RION

Hot air tool



Please read the operating instructions carefully, before use and keep for further reference.

APPLICATION

- **Welding** thermoplastic material as well as modified bitumen. Sheets, pipes, profiles, membrane, tarps, foils and floor covers. Following seams are possible: Overlap-, rod-, but- and melt .
- **Heating-up** for forming, bending and sealing of thermoplastic semi-finished material.
- **Drying** of water-damp surfaces and joints.
- **Shrinking** of heat-sink sleeves, films, tapes, solder sleeves and molded parts.
- **Soldering and desoldering.**
- **Defrosting** of frozen water pipes.
- **Activating / dissolving** of solvent free adhesives and fusion adhesives.
- **Igniting** of wood shavings, paper, coal or straw in furnaces.





WARNING



Danger of life when opening the tool, as live components and connections are exposed. Unplug the tool before opening it!.



Fire and explosion hazard can be caused by an incorrect use of the hot air blower, especially near combustible materials and explosive gases.



Danger of burns! Do not touch the element housing and nozzle when **HOT**, let the tool cool down. Do not point the hot air flow in the direction of people or animals.



CAUTION



The **voltage rating** stated on the tool must correspond to the line/mains voltage.



GFCI/RCCB: for personal protection on building sites we **strongly recommend** to connect the tool to a **GFCI**(Ground Fault Circuit Interrupter) or to a **RCCB**(Residual Current Circuit Breaker).



The tool **must be operated with supervision**. Heat can reach combustible materials!



Protect the tool from **damp** and **wet**.

TECHNICAL DATA

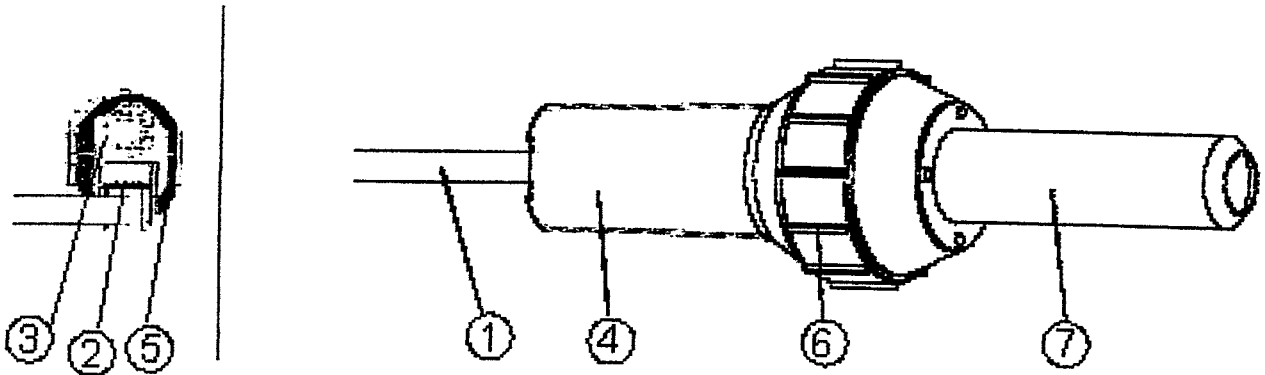
CE

Electrical safety: **Double insulated**



Voltage	V~	230 / 120
Power consumption	W	1600
Frequency	Hz	50/60
Temperature	°C	20-700, steplessly controlled
Air flow	I/min.	max. 230
Air pressure	mbar	30
Noise level	dB	60
Weight	kg	1.4 with 3m cable
Dimension	mm	340x86

Tool description



1. Power supply cord
2. Main switch
3. Potentiometer for temperature adjustment
4. Handle
5. Air filter
6. Rubber stand
7. Heater tube

Operating condition

Maintain the maximal allowed impedance $Z_{max.} = 0.264 + j0.165$ and if necessary consult the power supply company.

- As required, push fit the correct nozzle or reflector.
- Connect the tool to the mains.
- Adjust the hot air temperature by use of **potentiometer (3)**.
- **Switch on (2)** and let heat up for about 5 min.

Operation

- BAK Thermoplastic welding technology as well as the service centres offer free training courses for all applications.
- After use always let tool cool down.

Change of nozzles / reflectors

- Allow the tool to cool down before changing nozzles / reflectors or use only combination pliers.
- Do not touch the hot nozzle/reflector and make sure to put it only on a heat resistant surface, because of **fire hazard**.
- Only BAK-nozzles/reflector should be used.

ACCESSORIES

- Only BAK-accessories should be used.

MAINTENANCE

- **Air filter (5)** should be cleaned with a brush.
- **Check power supply cord (1)** and plug for any possible electrical or mechanical damage.

SERVICE AND REPAIRS

- The carbon brushes of the motor should be checked after approx. 1200 hours running time by your service centre.
- Repairs have to be carried out only by **BAK Service Centres**. They guarantee a specialized and reliable repair service **within 24 hours** using original parts as per spare parts list.

GUARANTEE AND LIABILITY

- Guarantee and liability are in accordance with the guarantee certificate as well as with the currently valid general business and sales conditions.
- **BAK** Thermoplastic welding technology rejects any guarantee claims for tools which are not in original conditions. The tool must never be modified.

Technical data and specifications are subject to change without prior notice.

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