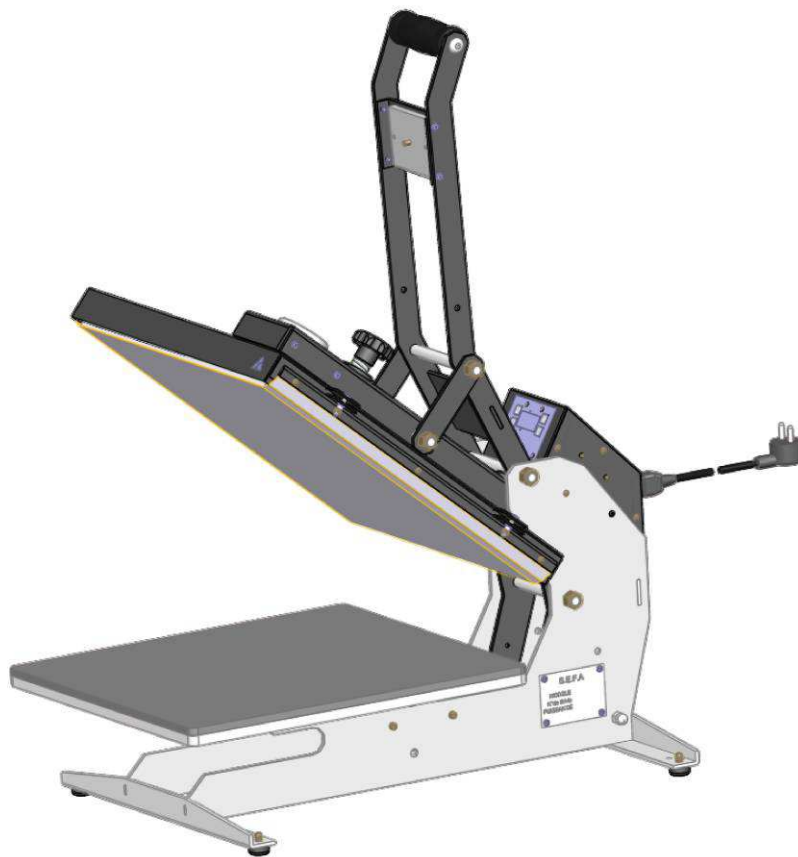


INSTRUCTION MANUAL

CLAM 45/54 V



CE

S.E.F.A[®]

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CONDITIONS OF GUARANTEE

- The guarantee period starts the day of putting the equipment into service at the user's place, materialized by the return of the guarantee bill for a duration of two years, 8h per day meaning about 3000 hours.
- The guarantee is strictly limited to our equipments, against the defects of matter and execution, with the buyer's responsibility to prove the known defects.
- Our responsibility is limited to the obligation to rectify or replace free of charge the parts acknowledged as faulty by ourselves, and there will no claim for any indemnity whatever the reason given.
- Parts replaced under the guarantee:
 - ↳ remain our property
 - ↳ are the subject of an invoicing of deposit
- A credit of cancellation is activated as soon as the faulty parts are returned.
The return will have to occur **ONE MONTH MAXIMUM** after the intervention

THE GUARANTEE DOES NOT COVER :

- The retail consumables such as:
 - Fuses, bulbs, joints, flexible devices, covers, nozzles, filters.....
 - The supplies, which are not our own manufacturing, undergo the guarantee of their manufacturer.

THE GUARANTEE DOES NOT APPLY :

- To replacements, nor repairs which would result from normal wear and tear of apparatus and machines, of deteriorations and accidents coming from negligence, defect of monitoring and maintenance, defective use or modifications without our written agreement.
- In case of vice coming from the material supplied by the buyer, or a design imposed by the latter.
- To repairs which would result from deteriorations or accidents occurred during transport.
- To operations of maintenance and adjustments inherent in the use of the machine, and indicated in the maintenance manual, such as:
 - adjustments of intermediaries
 - screwing of piping, etc...



For the pneumatic machines, any trace of detergent oil in the pneumatic circuit inhibits the conditions of guarantee previously mentioned.

**For any technical information or spare parts orders,
please give the reference number of the machine as well as its serial number**

SUMMARY

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SPECIFICATIONS

	CLAM 45M	CLAM 54M
Weight in running order	37 kg	40 kg
Height	420 mm	
Depth	740 mm	
Width	420 mm	
Plate size	400 x 450 mm	400 x 500 mm
Power supply	230 V Single phase + Ground 50/60 Hz	
Power	2500 W	
Amperage	11 A	
Thermo regulator		
Accurate to	+/- 2%	
Range of control	0 à 250 °C	
Timer		
Accurate to	+/- 1%	
Range of control	0s à 9min59s	
Adjustable pressure	0 to 0.3 kg/cm ²	

Non contractual document : according to the technical progress, we reserve the right to modify the characteristics of our products.

INSTALLATION OF THE MACHINE

- Unpack the machine from the box.
- Install it on a safe table.
- To move the press, make sure it is cold and handle it by grabbing both plates (upper and lower) at the same time (machine closed).
- Remove the screw labelled « Transport security » before opening the press.
- Plug the machine electrically (230 Volt + Ground / 50 or 60 Hertz)

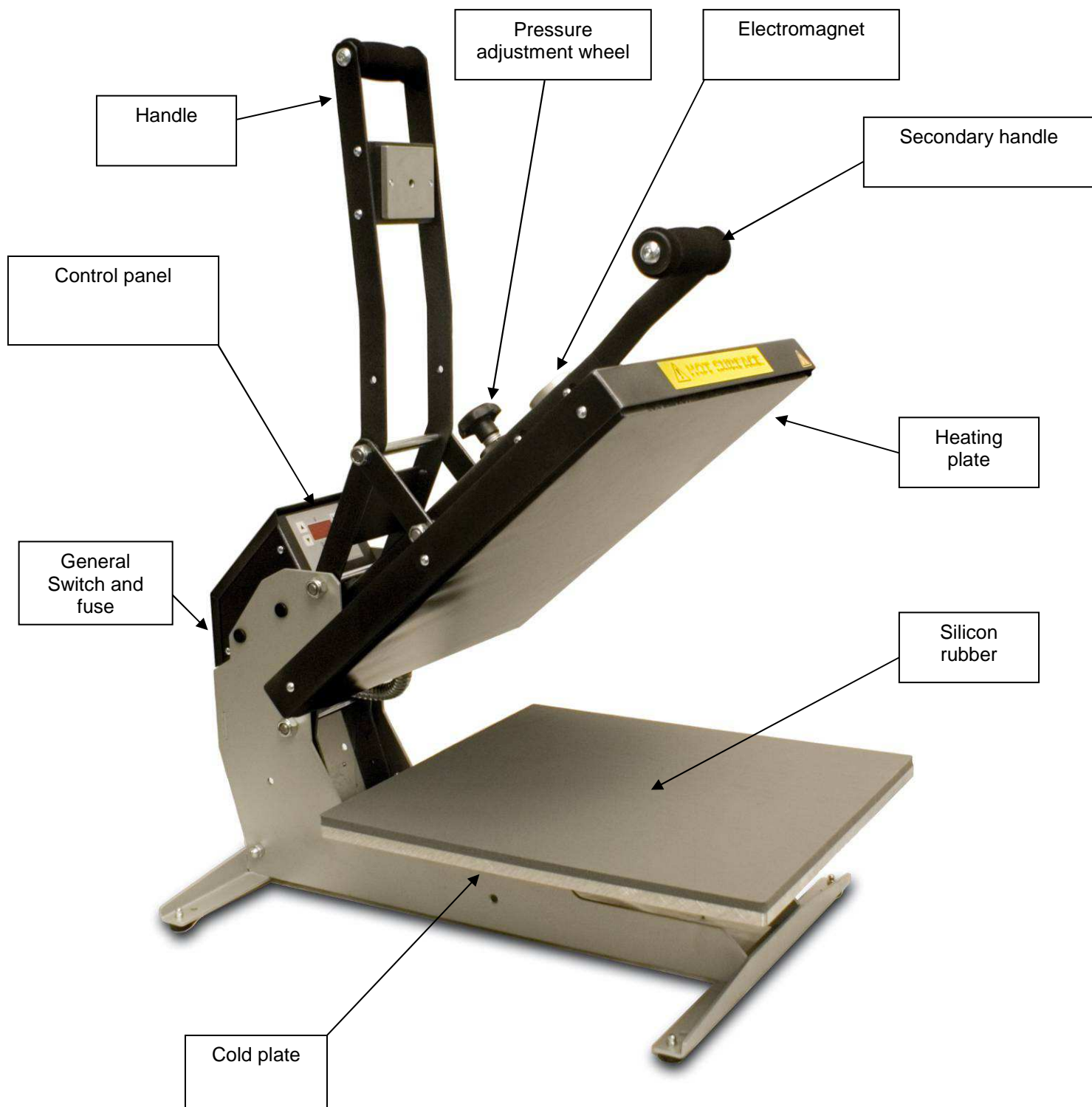
PARTS SUBJECTED TO WEAR AND TEAR

For any order: *precise the description, la reference and the quantity*

<u>Reference</u>	<u>Description</u>	<u>Quantity</u>
CAR-CO1	ELECTRONIC CARD	1
REL-OM5	HEAT RELAY	1
RES-546	CLAM 45 HEAT ELEMENT MICA 430x380 2500W	1
RES-682	CLAM 54 HEAT ELEMENT MICA 480x380 2500W	1
SON-189	SENSOR	1
FIN-231	MICROSWITCH WITH TONGUE	1
MOU-445 or MOU-540	SILICONE RUBBER 400x450 or 400x500 mm	1
RES-BI1	GAS SPRING	1
VEN-300	ELECTRO MAGNET 230V 7W	1
FUS-150	FUSE 16 A	1

GENERAL POINTS

This heat seal press machine is standard to the labour laws to ensure the security of the user. Its design allows it to ensure an intensive production while keeping a total reliability.

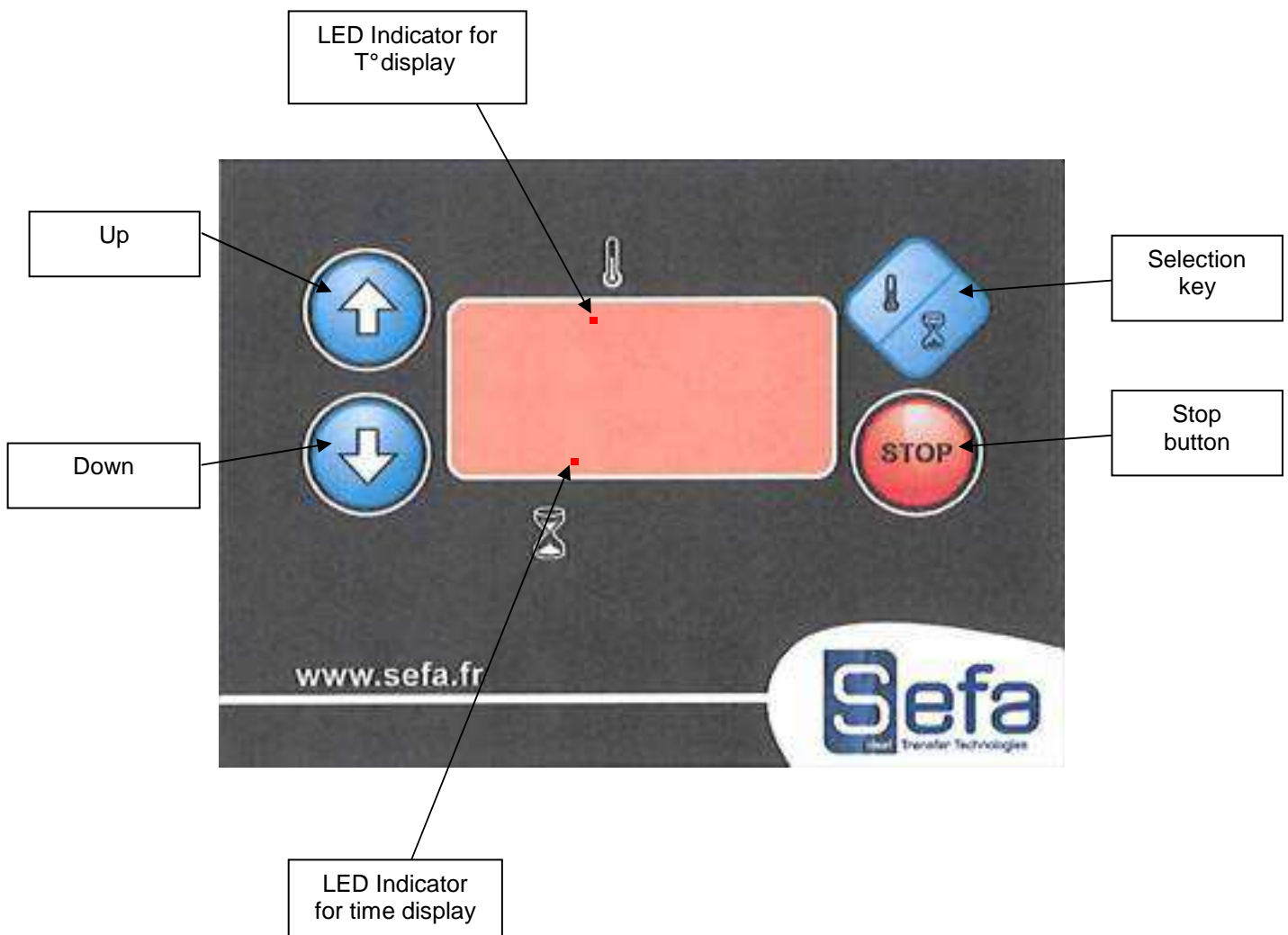


This press was designed for an operator working in front of the machine.

USAGE

- It is recommended to read carefully the “instruction manual” before you start any pressing operation.
- The press will have to be used by a qualified person who will have been informed of the risks which can be caused by misuse of the equipment.
- Do not put any irregular, thick or sharp object inside the press, such as paperclip or staple, it could damage the Teflon sheet.

1. CONTROL PANEL



2. POWER ON

- ↪ When switching the machine on, the regulator displays the temperature.

3. SETTINGS

a) TEMPERATURE

- Push twice the selection key.
- Push the Up key to increase the temperature.
- Push the Down key to decrease the temperature.

b) TIME

- Push one on the selection key
- Push the Up key to increase the time.
- Push the Down key to decrease de time.

4. PRESSURE ADJUSTMENT

- The pressure is obtained by approaching the upper/hot plate to the lower/cold plate.
- Unlock the nut underneath the adjustment wheel.
- Turn the wheel on top of the heating plate :
 - ↳ clockwise to increase the pressure
 - ↳ anticlockwise to decrease it
- Screw the nut back to lock and secure the system.

5. MAINTENANCE

- Every day :
 - ↳ Clean the heating plate with a dry cloth.
- Depending on use :
 - ↳ Change the silicon rubber as soon as it is damaged or if it has lost its properties.

CYCLE DESCRIPTION:

- Turn on the machine by switching the power button.
- Adjust the desired temperature at 180°C (or depend ing on the type of transfer) See SETTINGS § 3.a).
- Adjust the time at 15 Sec (or depending on the type of transfer) See SETTINGS §3.b).
- Adjust the pressure (depending on the type of transfer).
- Install a T-shirt on the lower/cold plate.
- Add your transfer material on top of it.
- Lower the heating plate using the handle (once the plate has reached the desired temperature).
- When the plate is in contact with the T-shirt, the timer starts.
- At the end of the countdown, the press will open automatically.
- If you want to interrupt the cycle, you can do it by pushing the stop button located on the control panel : the press will open automatically within 2 seconds.

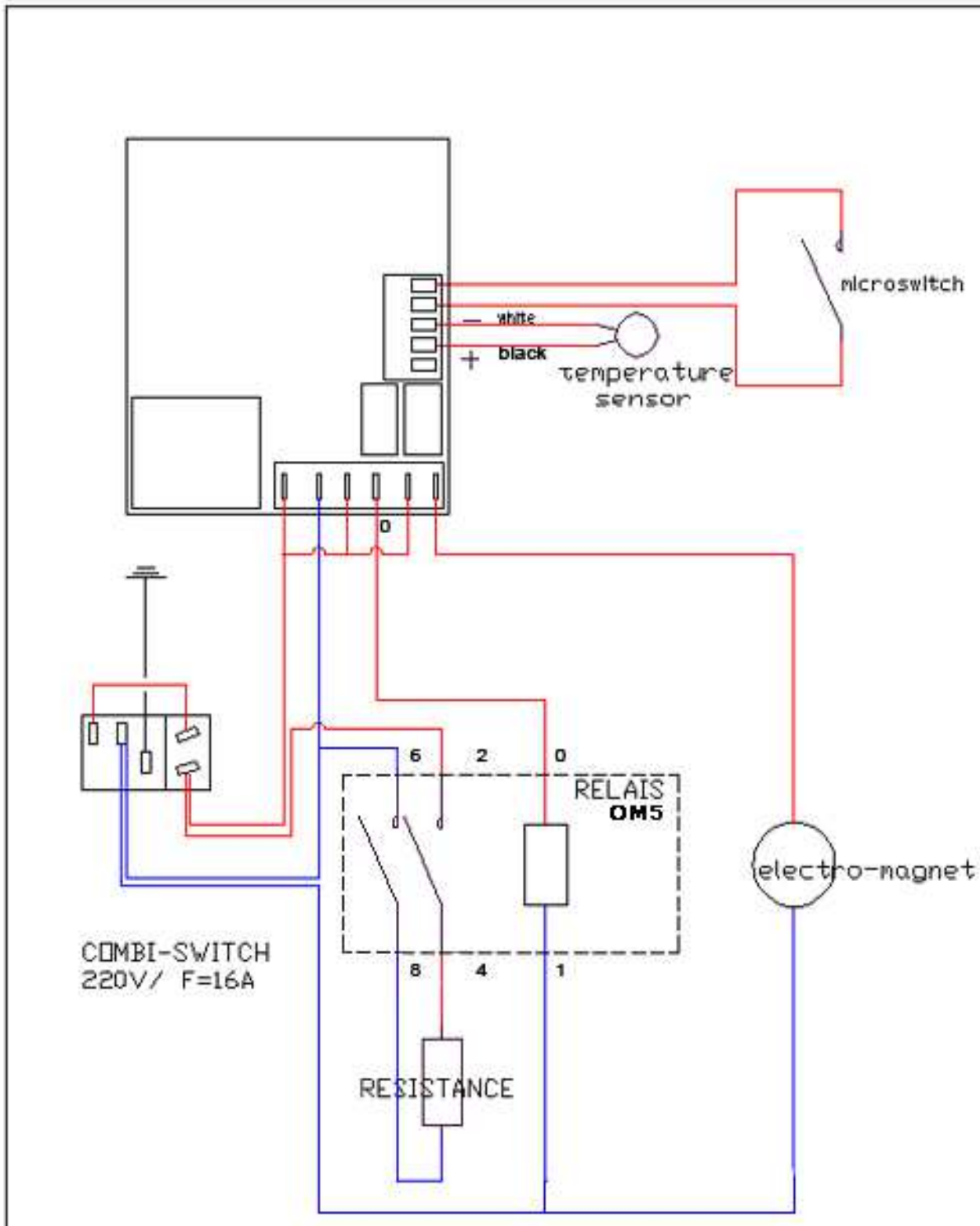
QUICK REPAIR ADVICES



All repair and maintenance operations should be done when the machine is turned off and unplugged from the main electric power supply. The heating element can cause burns. The user must ensure the temperature is below 25°C on the display, before an y intervention.

<u>SYMPTOMS</u>	<u>POSSIBLE BRAKDOWNNS</u>	<u>REPAIRS</u>
The plate will not heat	<ul style="list-style-type: none"> ➤ One of the fuses is out of order ➤ The relay is damaged ➤ Sensor out of order and/or regulator displays ER1 	<ul style="list-style-type: none"> ➤ If no light when the press goes on, check the fuse, change it if necessary. <p><u>GENERAL FUSE</u> located in a seating next to the plug of the power supply cable (16 A). To access it, pull the electrical cable off with the tip of a pen or a screwdriver, lift the fuse seating. You will find in a square tube a spare fuse to replace the one in the clip.</p> <ul style="list-style-type: none"> ➤ Check it out and change it if necessary ➤ Change the sensor
The plate overheats	<ul style="list-style-type: none"> ➤ The relay is stuck ➤ The card is damaged 	<ul style="list-style-type: none"> ➤ Change the relay. ➤ Change the card
The timer doesn't start	<ul style="list-style-type: none"> ➤ The microswitch isn't activated 	<ul style="list-style-type: none"> ➤ Make sure the Microswitch tongue is touched by the pressing arm of the machine.
The buzzer rings continuously	<ul style="list-style-type: none"> ➤ The Microswitch is stuck 	<ul style="list-style-type: none"> ➤ Release the Microswitch tongue or change it.
The press doesn't stay closed	<ul style="list-style-type: none"> ➤ The Microswitch is stuck ➤ The electromagnet is not activated or it is out of order 	<ul style="list-style-type: none"> ➤ Release the Microswitch tongue or change it. ➤ Check the wires.

ELECTRIC DIAGRAM



S.E.F.A.	ZI PASTABRAC 11280 ESPERAZA	Nbre/ENSEMBLE: 1	
	TEL: 04 88 74 05 88 FAX: 04 88 74 24 05	D1/F: -	
Electric Diagram		N°:	Ep:
		FAIT LE: 20/04/09	
		MODIF LE: -	
		N DU PLAN:	Mod:
ENSEMBLE CLAM V 45		-	A

NOTEMAKER
