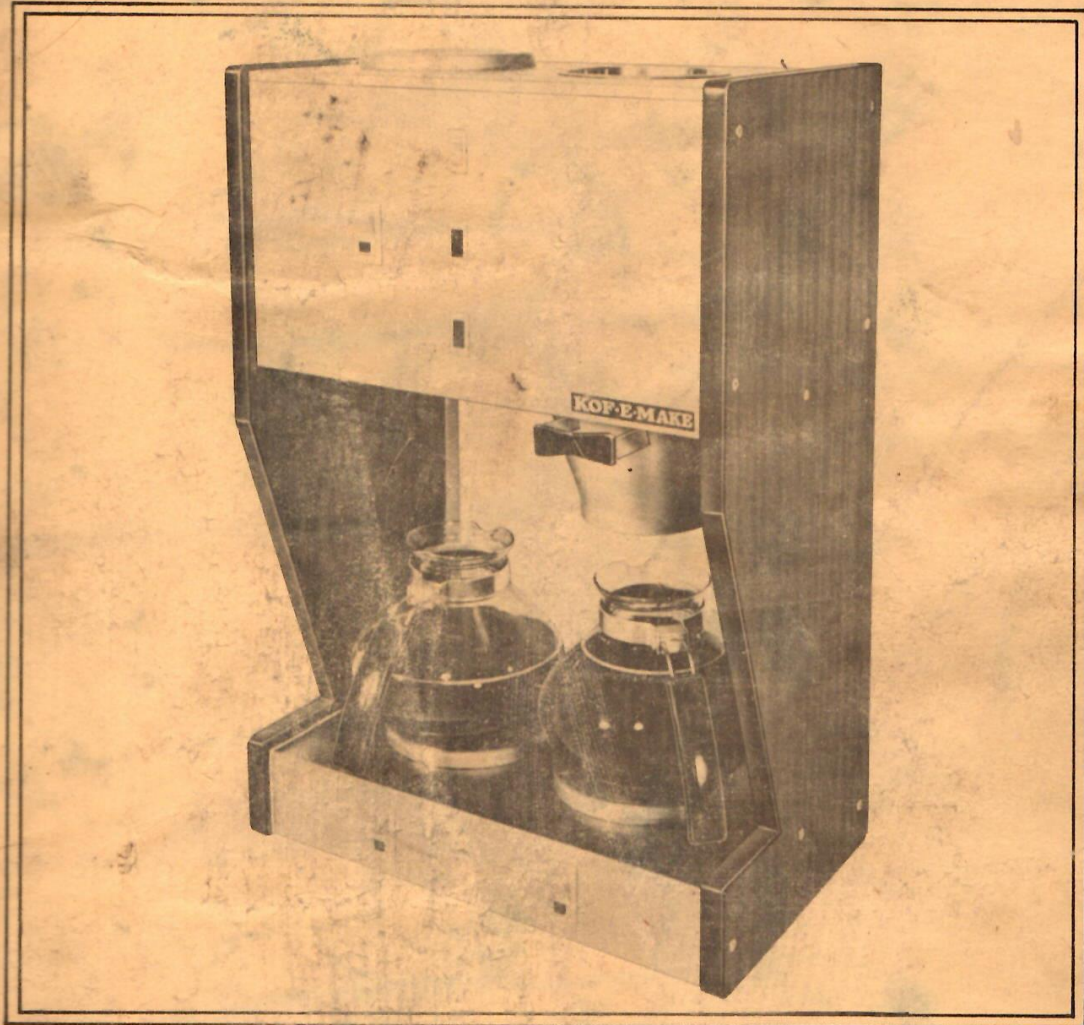


KOF-E-MAKE



The Ditchburn Organisation Ltd.

LYTHAM LANCASHIRE FY8 5AN ENGLAND

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CABLE : Ditchburn Lytham

HANDBOOK

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Installation

1. After removal of all packaging and transit ties from the unit stand the unit on a table or counter.
2. Unpack the coffee funnel and place onto slides beneath top compartment.
3. Rinse out the glass bowls with cold fresh water and prime the unit in the following way :-
 - a) Fill one of the bowls with cold fresh water and pour into filter top right (front view) of the unit.
 - b) Repeat as above i.e. pour a second bowl of cold water into filter.

NOTE Each full bowl holds 3 pts ($1\frac{3}{4}$ litres) of water and the water tank in the unit requires 6 pts ($3\frac{1}{2}$ litres) to prime it.

4. To be absolutely sure that the unit is fully primed, pour a further half bowl of cold water into the filter, then place bowl beneath the coffee funnel, onto bottom hot plate. The overspill of water will then return into bowl.

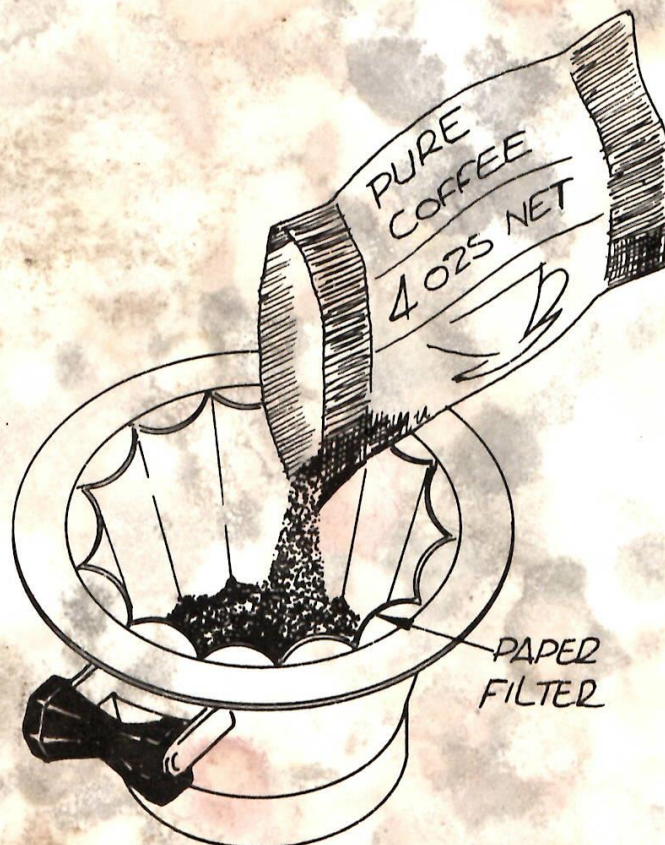
The unit is now fully primed.

5. Connect the flexible mains cable to a 13 amp fused plug, ensuring that the unit is effectively earthed.
6. Switch the electricity on at the plug and operate the switch on the top right of the unit. The centre red neon will illuminate and the water heater will be operating.
7. It will take approximately 8 mins. for the water to reach the correct temperature, when the bottom amber neon will illuminate and the red neon go out.

The unit is now ready to make coffee.

Operation

1. Fill a clean glass bowl with cold fresh water.
2. Remove coffee funnel from slides and place a paper filter into funnel (see illustration).
3. Pour one sachet - 4 ozs (113 grms) - of fresh ground coffee onto paper filter in the coffee funnel.



/contd over

Section 2 contd.

4. Replace funnel onto slides of the unit.
5. When the amber neon is illuminated, indicating that the water temperature is correct, pour in the bowl full of cold clean water; and place empty bowl onto hot plate beneath funnel.
6. When coffee begins to pour into the empty bowl switch on the hotplate beneath the filling bowl to keep the coffee at a high temperature.
7. After 4 mins. the bowl will be filled with freshly brewed coffee.
8. Up to 3 bowls of coffee can be made by the above method and kept hot on the three hotplates of the unit. Remember to replace the ground coffee at each filling.
9. The filter at the top of the hot water container can be used for a fourth hotplate i.e. to keep a bowl of milk hot.

NOTES

1. To ensure the correct amount of water in the hot water container, before each daily use pour in half a bowl full of cold water into the filter, collecting the overspill in the bowl beneath the funnel.
2. NEVER pour ready made coffee back into the filter, in an attempt to re-heat the coffee.
This would cause contamination within the water containers.

Cleaning

1. Always rinse out the glass bowl immediately after use with cold fresh water.

Should they become stained after a long period of use, a simple method of cleaning is to fill the bowl with fairly hot water and drop in one **Strodent** Tablet, leave for one hour, then rinse with cold water.
2. Daily wipe down the unit using a soft damp cloth to clean the hotplates and a soft dry cloth to polish the mirror finish stainless steel and perspex back plate.

Avoid coffee spillage onto hotplates but, should this occur, wipe off immediately otherwise a bad stain will result.
3. Wash the coffee funnel as for any normal domestic type pan.

NOTE

- Never use abrasive pads or powders on any part of the unit or scratches will result.
4. Depending upon the water hardness in the area but at least monthly, the spray head should be removed and cleaned. This is a push fit onto outlet pipe and is easily pulled off. Clear the holes in the rose by using a cocktail type stick to push through.
 5. If the unit is likely to be out of use for any long period of time, e.g. holiday period, it is desirable to flush out the water tank and start with clean fresh water when the unit is put back into use again.

To Flush

1. Pour in a bowl full of cold clean water with coffee funnel in position but without paper filter or coffee grounds in.

/contd over.

Section 3 contd.

2. Place glass bowl on hotplate beneath coffee funnel to collect the overflow.

NOTE

Two bowls of water are sufficient for flushing purposes.

Replacement of Parts

All electrical component parts used are equipped with 'quick connect' type terminal which makes easy component changing.

Before any panels, covers or components are removed the unit must be disconnected from the electricity supply.

I Immersion Heater

To Gain Access :-

1. Remove top cover.
2. Remove top pan.
3. Drain bottom pan *
4. Unscrew outer locking ring and withdraw heater from pan.

NOTE

When replacing always renew the fibre and rubber sealing rings.

II Hot Plates

Top

1. Remove top cover.
2. Detach hotplate leads from switch
3. Remove deflector shield and bottom clamp, the hotplate will
- then be free from the top cover.

Bottom

To remove it is first necessary to drain the water out of the water tank *

1. After draining, place unit on its back and remove bottom panel.
2. Remove the tie bar across the two hotplates.
3. Remove shield, the hotplate will then be free to remove.

/contd over.

* Draining

On early models it is necessary to syphon the water out of the water tank, when draining the unit. On later models a drain screw is located near the spray head. Remember to use a large enough vessel to hold 6 pints of water when draining.

Thermostat

1. Remove top cover.
2. Lift out top pan.
3. Release clamp on sensing bulb.
4. Coil capillary tube and remove thermostat body.

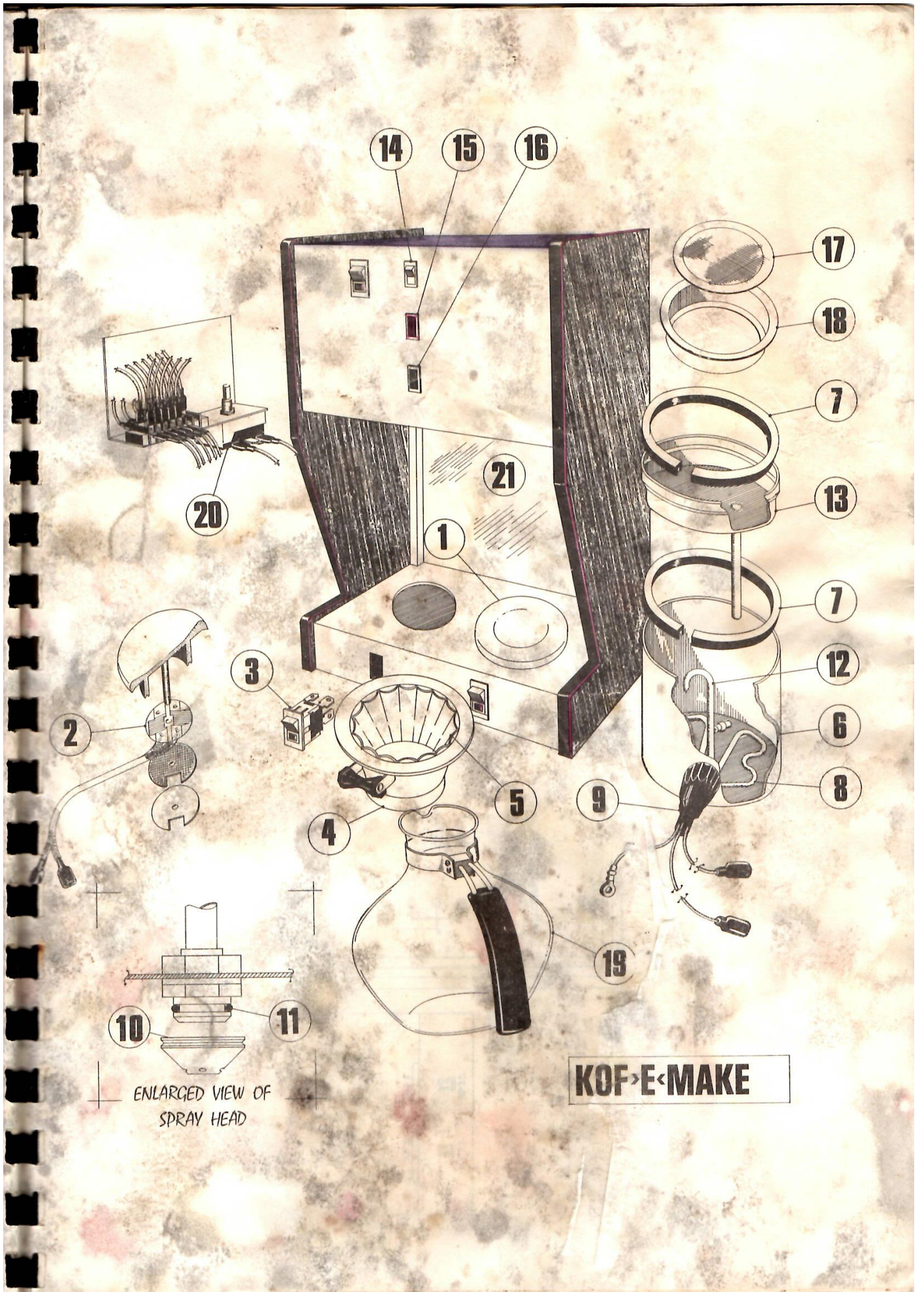
Re-setting of Replacement Thermostat

Only to be carried out by a Service Engineer or a qualified Electrician

1. With the top cover and top pan removed turn the thermostat spindle maximum clockwise.
2. Switch on the unit and allow the water to heat up.
3. When the water begins to simmer, turn the spindle anti-clockwise until the thermostat is heard to cut-out.
4. Switch off the unit and replace the top pan and cover.

Parts List

1.	<u>Hotplate (complete)</u>	B.E.L.	71/27
2.	<u>Hotplate element</u>	B.E.L.	71/30
3.	<u>Hotplate switch & neon</u>	B.E.L.	71/31
4.	Coffee funnel	B.E.L.	71/5
5.	Filter papers	B.E.L.	71/32
6.	<u>Bottom pan (Boiler)</u>	B.E.L.	71/6
7.	Pan seal (top & bottom)	B.E.L.	71/28
8.	Immersion heater 2 k.w.	B.E.L.	71/33
8.	Immersion heater 1.5 k.w. (export)	B.E.L.	71/34
9.	Immersion heater connector	B.E.L.	71/35
10.	<u>Spray head</u>	B.E.L.	71/36
11.	<u>Spray head 'O' ring</u>	B.E.L.	71/37
12.	Syphon pipe	B.E.L.	71/38
13.	Top pan (reservoir)	B.E.L.	71/4
14.	<u>Heater switch</u>	B.E.L.	71/39
15.	<u>Neon light - red</u>	B.E.L.	71/40
16.	<u>Neon light - amber</u>	B.E.L.	71/41
17.	Top filter	B.E.L.	71/7 AB
18.	Top filter holder	B.E.L.	71/7
19.	<u>Glass bowl complete</u>	B.E.L.	71/44
19.	Glass bowl only	B.E.L.	71/42
19.	Glass bowl handle only	B.E.L.	71/43
20.	Thermostat	B.E.L.	71/45
21.	Perspex shield	B.E.L.	71/29
	<u>Spray head clip</u>	B.E.L.	71/10



ENLARGED VIEW OF
SPRAY HEAD

KOF-E-MAKE

Trouble Sheet Guide

1. Unit not Operating
 - a) Check mains plug and plug top fuse.
 - b) If fuse has blown, before renewing remove top cover, check for burn marks and repair.

2. Red Neon stays Permanently On
 - a) Immersion heater faulty.
 - b) Thermostat faulty.

3. Amber Neon stays Permanently On
 - a) Thermostat faulty.

4. Coffee Slow in Filling Glass Bowl
 - a) Outlet spray head part blocked, descale.
 - b) Syphon pipe part blocked, descale.

5. Hotplate cold with Switch Neon lit
 - a) Hotplate element faulty.

6. Water Overflows Top Filter
 - a) Filter, part blocked, remove and clean.

