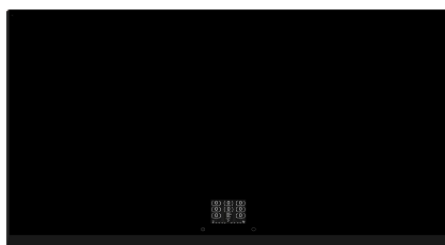




C970I

Caple 90cm LCD induction hob



Technical information

A19202/0

A19197/0

A19196/0

A10181/0

A21506/0

A11537/0

A22023/0

A22021/0

A11001/0

A19193/0

A10153/0

A14252/0

A19198/0

A19195/0

A14615/0

A15092/0

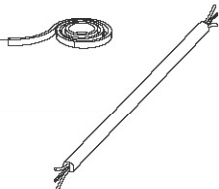
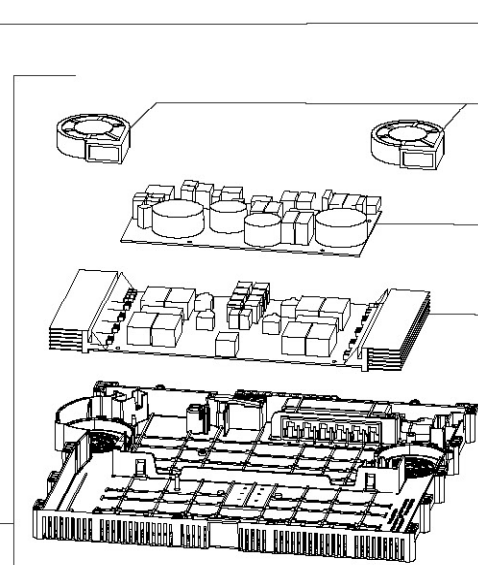
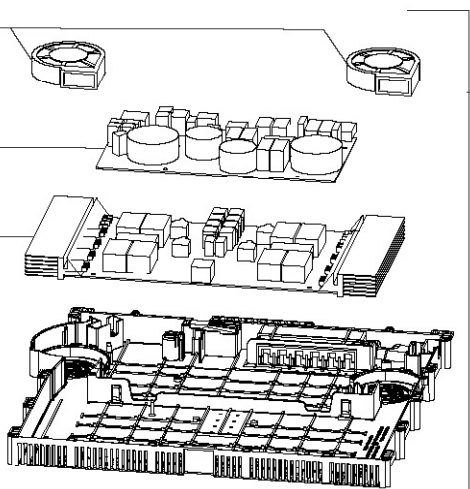
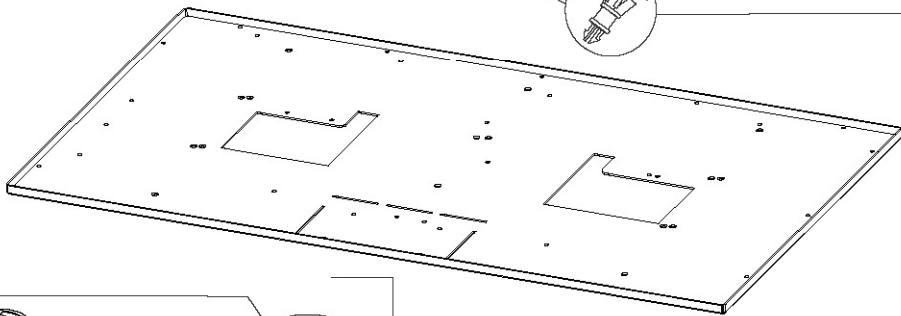
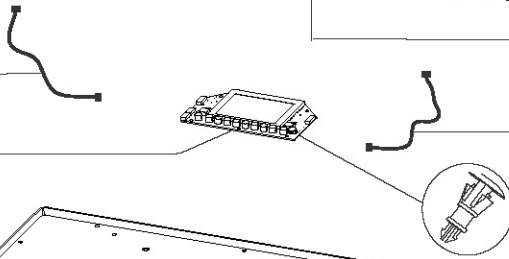
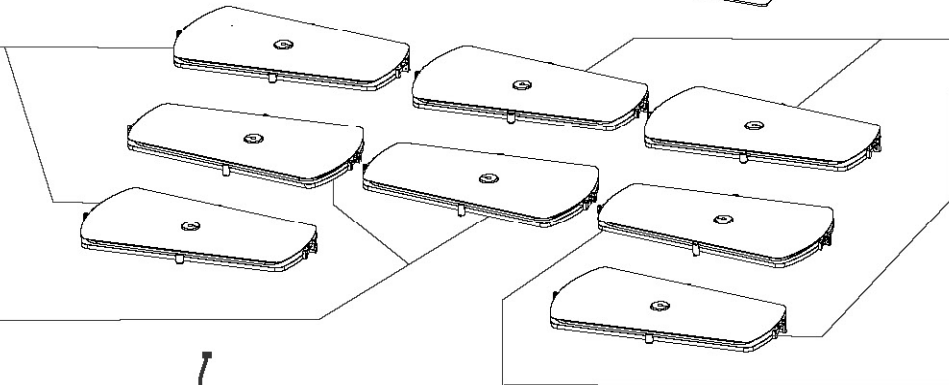
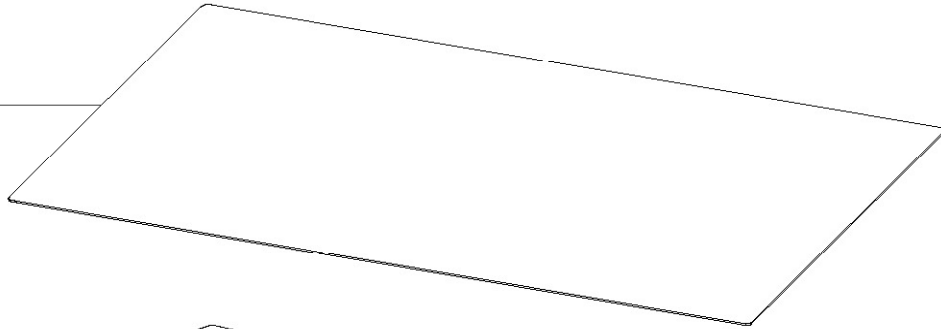
A19192/0

A11537/0

A22024/0

A22022/0

A11001/0





C970I - Caple 90cm LCD induction hob

Part Code	Description	Qty
A10031-0	HEATING ZONE 1200W 145MM	
A10033-0	HEATING ZONE 1800W 180MM	
A10070-0	BOITIER CABLE CONNEXION	
A10086-0	SPRING FOR HEATING ZONE	
A10087-0	SPRING HEATING ZONE 180	
A10092-0	GLASS COVER 270MM	
A10093-0	GLASS COVER 300MM	
A10153-0	GASKET FOR WORKTOP	
A10154-0	CONNECTION CABLE	
A10181-0	CABLE 4 WIRES	
A10189-0	CONNECTION CABLE TC	
A10332-0	CONNECTION BOX	
A10373-0	WIRING PROTECTION	
A10506-0	EXTENSION CORD FINGERTOUC	
A10712-0	CONNECTION BOX	
A10998-0	INDUCTOR 1400W 160MM	
A11001-0	COVER CONNECTION BOX	
A11031-0	SPRING FOR BASIC INDUCTOR	
A11070-0	CABLE 4 WIRES FOR INDUCT.	
A11500-0	HOLDING CLIP TC	
A11537-0	COOLING FAN DOMINO	
A11770-0	CONNECTION CABLE	
A11771-0	CONNECTION CABLE	
A12845-0	BOITIER CABLE CONNEXION	
A12915-0	INDUCTOR	
A12916-0	PCB FILTER + CONNECTION	
A13437-0	MODULE 4Z G5 4x3.7kW	
A13438-0	MODULE 4Z G5	
A13440-0	INDUCTOR G5 180MM L=200	
A13997-0	TOUCH CONTROL 4Z ECO	
A14031-0	SUPPORT TOUCH CONTROL	
A14034-0	PCB FILTER+CONNEXION	
A14035-0	PCB POWER G5	
A14130-0	HOLDING CLIP TC	
A14216-0	PCB POWER G5	
A14252-0	CONNECTION CABLE	
A14565-0	TOUCH CONTROL	
A14615-0	CABLE 1 WIRES FOR INDUCT.	
A14755-0	INDUCTOR 250P NIPS	
A14761-0	SUPPORT TOUCH CONTROL	
A14788-0	INDUCTOR G5 OCTA L=100	
A14789-0	INDUCTOR G5 OCTA L=100	
A14790-0	INDUCTOR G5 OCTA L=250	
A14791-0	INDUCTOR G5 OCTA L=250	



C970I - Caple 90cm LCD induction hob

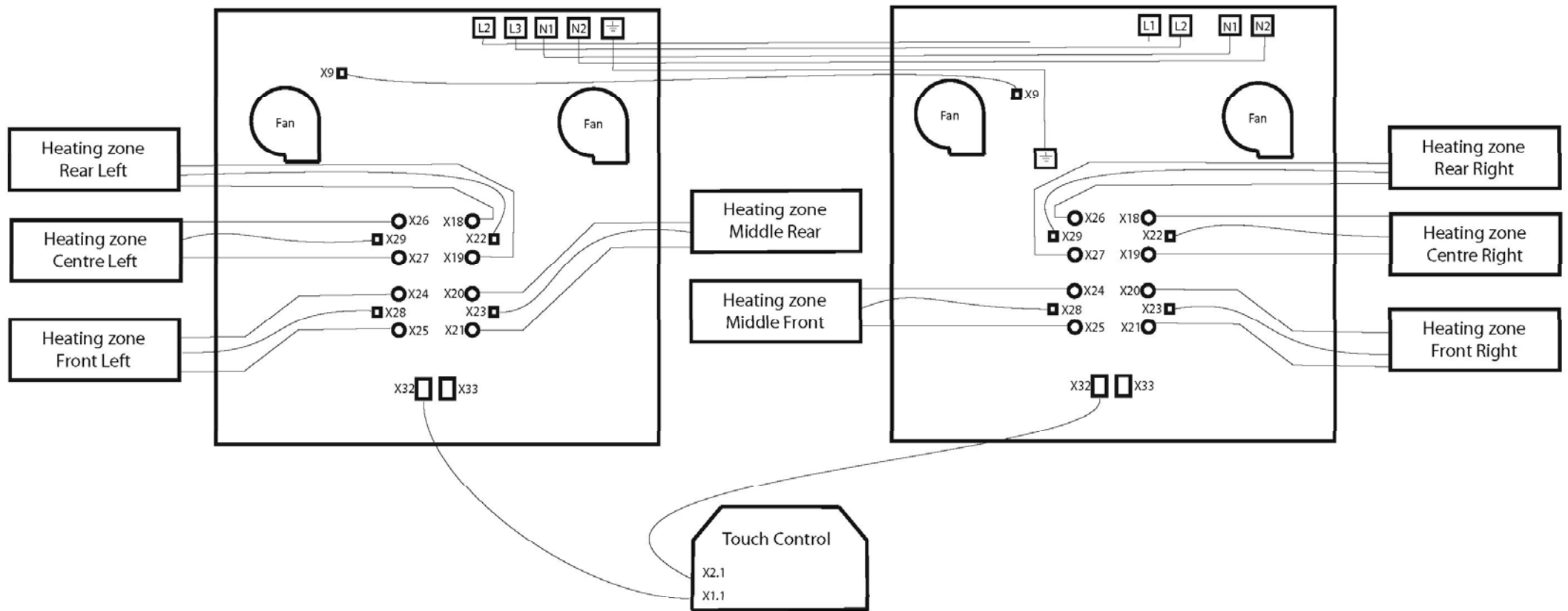
Part Code	Description	Qty
A15092-0	HOLDING CLIP TC	
A15104-0	PACKAGING	
A15327-0	CASING	
A15386-0	POWER CORD	
A15478-0	TOUCHCONTROL HL 2Z TIMER	
A15641-0	INDUCTOR 200P/160 IPS	
A15891-0	TOUCH CONTROL G5	
A15892-0	TOUCH CONTROL G5	
A16960-0	CASING	
A17057-0	CASING	
A17060-0	TOUCH CONTROL	
A17839-0	GLASS COVER	
A17842-0	INSTRUCTION MANUAL	
A18340-0	GLASS COVER	
A18343-0	INSTRUCTION MANUAL	
A18479-0	GLASS COVER	
A18482-0	INSTRUCTION MANUAL	
A19181-0	GLASS COVER	
A19192-0	MODULE 4F G5 4x2.1kW	
A19193-0	MODULE 4F G5 4x2.1kW	
A19195-0	INDUCTOR G5 TRICS	
A19196-0	INDUCTOR G5 TRICS	
A19197-0	INDUCTOR G5 TRICS	
A19198-0	INDUCTOR G5 TRICS	
A19202-0	GLASS COVER	
A19562-0	GLASS COVER	
A19648-0	GLASS COVER	
A21499-0	TOUCH CONTROL G5	
A21506-0	TOUCH CONTROL G5	
A22021-0	PCB POWER G5	
A22022-0	PCB POWER G5	
A22023-0	PCB FILTER+CONNEXION	
A22024-0	PCB FILTER+CONNEXION	
AECO1001	INDUCTOR 200P/160 NIPS	
AECO1006	INDUCTOR 160P/160 IPS NV	
AEMB1051	PACKAGING	
AEMB1066	PACKAGING	



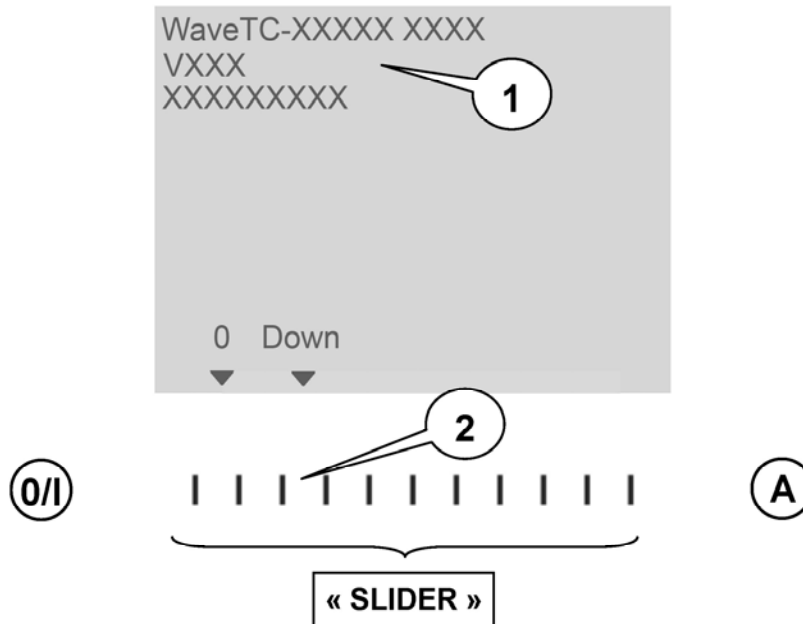
C970I

Caple 90cm LCD induction hob

WIRING DIAGRAM



PROCEDURE OF CONFIGURATION (ER31) - TC WAVE



- A. Disconnect the hob from the electrical network.
- B. Connect the network and take into account that the configuration setting has to be made in a maximum time of 2 minutes (If the time goes over, the procedure must be begun again from stage A).
- C. Do not switch on the hob by pressing key (0/I).
- D. Press and keep the finger on key [A] until you hear a "Beep".
- E. Then, press and keep the finger on "SLIDER" and on key [A] until you hear a "Beep".
- F. The code of program appears in screen (1).
- G. Then, press and keep the finger on "down" on the "SLIDER" until you hear a "Beep (2).

The hob is now ready to be used.

1. To detect the wrong breakdowns :

1-1 Connection to the electric network:

- Control the tightening of the screws of the connection box
- Control the section of the cables used (see manual of use)
- Control if the earth wire (green/yellow) is connected

1+2+3 = phase

4+5 = neutral

earth = obligatory

alimentation cable: advised with fasten terminal wires

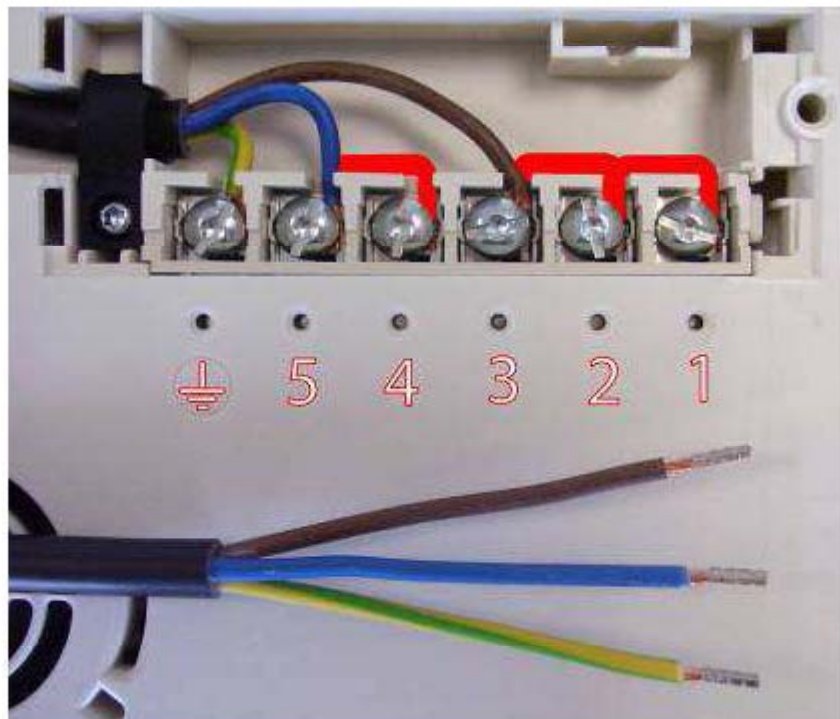
tightening of the screws: either with torx N°20 (highly advised), or with a big and punt screwdriver.

The control of the connection and of the tightening must be done before any intervention in the hob.

A wrong tightening can be at the origin of a breakdown.

If a bridge is not made correctly or if a screw is wrong tightened, the following symptoms can occur:

- either nothing appears at the electric connection,
- or the screen flashes and then the error « E6 or Er47 » appear, that indicates a problem to the connection box.

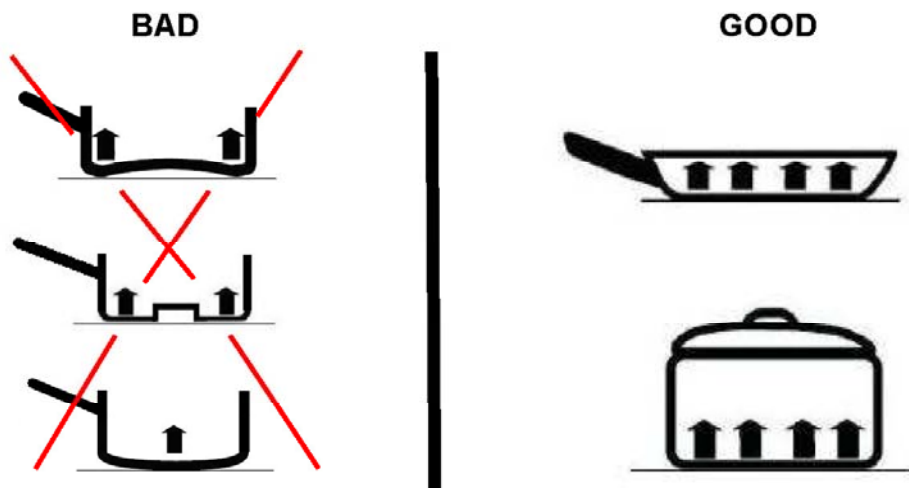


1-2 Installation :

- Control the installation of the gasket under the glass.
- If the glass is glued with silicone and in case of an after sales service: leave the glass in place and dismount the steel case under the work plan.
- Control the ventilation of the air coming in of the ventilator (minimum 20 mm of space).

1-3 Quality of the pans :

- Control if the pan is compatible with induction.
 - either a „magnet“ must remain hung on the bottom of the pan
 - or put a little water that must quickly boil at the power level „9“.
- The functioning of an induction generates a certain sonority. This one depends on the pans used.
- **Use only pans with flat bottoms. Others risk damaging the hob.**

**1-4 Use :**

- To start the hob it is necessary to press the key [0/I] during 2 to 3 seconds.
- During the first times of use, the cooking appliance will release an smell of „new“.

1-5 Ventilation :





- The ventilation starts as soon as two heating zones are switched on.
- This ventilation goes on cooling the heating zones even after the stop of cooking.

1-6 Securities :

- In case of overflow, the hob stops as soon as 2 keys at least of the control panel are covered.
- In case of overheating of the heating zones, an automatic and progressive reduction of the power takes place.

2. To determine the breakdown according to the indications of the control panel.

2-1 Normal Display (according to the models)

<u>Display</u>	<u>Designation</u>	<u>Description</u>
0	Zero	The heating zone is activated
1...9	Power level	Selection of the cooking level
	No pan detection	No pan or inadequate pan
	Heat accelerator	To reach the selected cooking level faster
E	Error message	See the troubleshooting section in this manual
	Residual heat	The cooking zone is hot
B1	Booster level 1	The 1 st level of booster is activated
B2	Booster level 2	The 2 nd level of booster is activated
	Keep warm	Maintain automatically +/- 42°C, 70°C or 94°C
	Pause	The hob is in pause

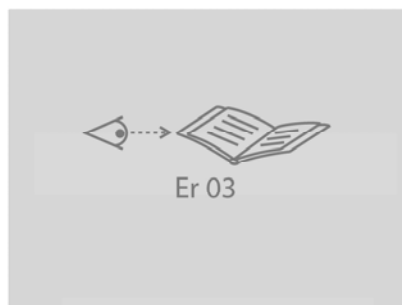
2-2 Display of an error message :

<u>Display</u>	<u>Designation</u>	<u>Description</u>
E	Error message	Electronic hardware failure
Er	Error message	Electronic software or TC failure

Example of error display 31 :



Example of error display 03 :



2-3 Fast starting :

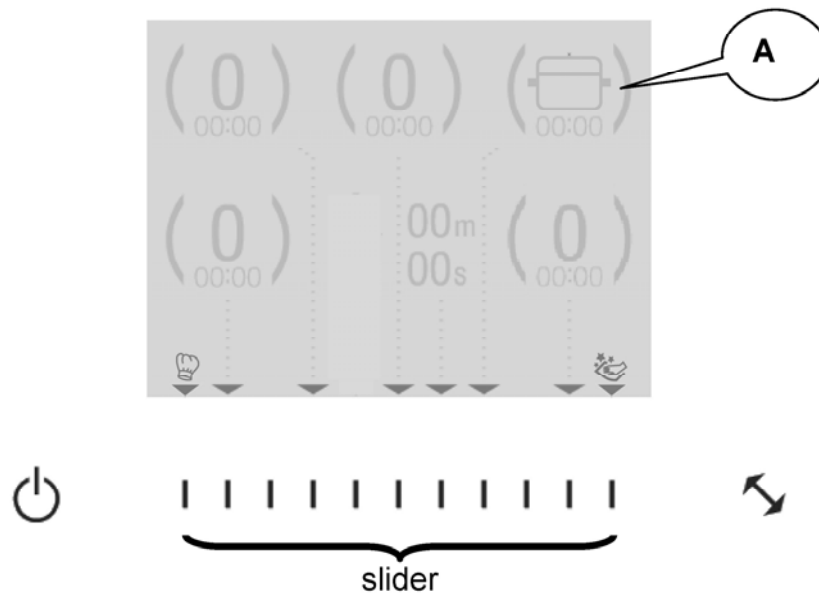
When the hob is connected to the electric network, the screen turns on for 1s and turns off.

After that, press the key [0/I] (On/Off), the screen turns on.

If no handling is made within 20 seconds, everything switches off.

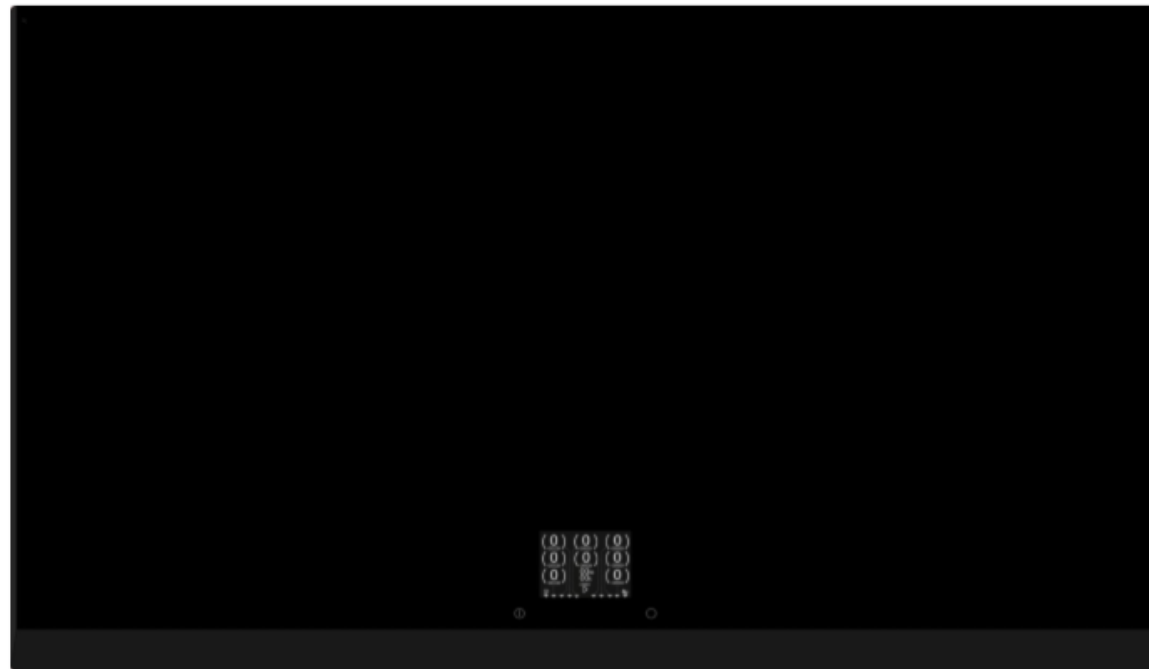
So, slide on the « slider » to regulate gradually from 1 to B, or press the selected level for a direct access before 20 seconds (First put a pan with a little water. The bottom of the pan has to be cleaned to avoid from any scratching).

If no pan is put on the selected cooking zone, or if the pan is taken away during the cooking, or if the pan is not adapted to induction, you will have the following display (**A**) :



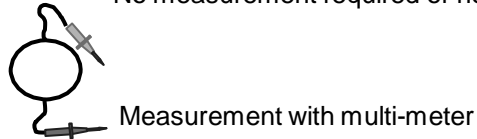
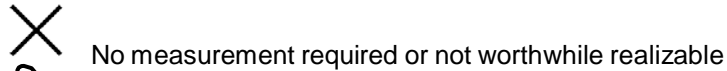


Caple C970I Induction Hob Error Codes



Error Report – Display for Induction G5 Standard



Legend:




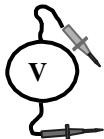


⇒ Decisions have to be realized step by step.
The following step only has to be executed, if the prior one was not successful.

TC = Touch Control panel
PTC = Temperature probe (center of inductor)
LIN cable = White Cable 0.25 mm² (ex: connection between TC and Filter Board)

Error display	Description	Possible reason for failure	Measurement	Decision
ER 03 + cont. tone or	Control key activation, Control switches off after 10s.	Liquid or cookware on glass above control		⇒ Clean glass ceramics
U 400	Wrong connection	Input voltage >300V		⇒ Inspection mains connection ⇒ Replace filter (incl. internal wiring) ⇒ Replace power unit
ER 20	Flash error Data not plausible Flash Rom check sum wrong Programming options wrong	Component part error Touch control Transmission of wrong configuration data Configuration data not plausible		⇒ Try reconfiguration ⇒ Replace touch control ⇒ Programming of the correct configuration data (see doc. 42222/0)

Error display	Description	Possible reason for failure	Measurement	Decision
Er22	Key evaluation defect Touch control switches off after 3.5-7.5s.	Short circuit or interruption near the key evaluation	✕	⇒ Replace touch control
Er 31	Configuration data wrong TC assignment to induction series wrong No or partial functions	Automatic configuration of filter boards caused by wrong TC type Component part error on TC or filter board		⇒ Try reconfiguration ⇒ Activate configuration of TC with service menu and start ⇒ Replace TC cable ⇒ Check, if correct TC type was used ⇒ Replace power unit.
Er 47	Communication error between TC and induction	Configuration error One induction generator without voltage (hobs with multiple generators) TC cable not correctly plugged on or defect TC defect Power unit defect Bad electrical connection		⇒ Make sure links are in terminal block ⇒ Activate configuration of TC with service menu and start ⇒ Check mains voltage ⇒ Check TC cable connections ⇒ Replace TC and TC cable ⇒ Replace power unit ⇒ Check the power connection

Error display	Description	Possible reason for failure	Measurement	Decision
EA	Wrong power supply Poor quality pans Cooling body temperature sensor not plausible One control pulse recognized on switched-off hob top AD converter defect	Check power supply to hob Check quality of pans - magnetism Component part error on power unit or TC	✕	⇒ Replace power unit ⇒ Replace TC
E 2	Over-temperature hob top	Hob top overheated (cooking with empty pan) Return heat on coil sensors > switch-off threshold		⇒ Cooling down of hob top required Error display disappears after cooling down. ⇒ Replace inductor with sensor if E2 reappears after complete cooling down of hob top. ⇒ Replace power unit
E4	Incompatible configuration	Requires configuration	✕	⇒ Reconfigure PCB ⇒ Replace TC ⇒ Replace power unit

Error display	Description	Possible reason for failure	Measurement	Decision
E 5 E 6	Mains voltage signal invalid Power unit Cable Filter board	Permanent sub-voltage Power unit defect Pico flex or tube not correctly plugged on or cable defect Filter board defect		⇒ See doc. 42219/0 ⇒ Make sure links in terminal block
E 8	Fan rotation too quick or too slow	Enter of air is butcher fan defect Component part error		⇒ Check the air inlet fan ⇒ Replace fan ⇒ Replace power unit ⇒ Replace filter
E 9	PT sensor mechanically or Electrically defect	Mechanic rupture of PT sensor Resistance value drifting off Power unit defect	 Approx. 47kΩ	⇒ Replace inductor with sensor ⇒ Replace power unit