

USE, INSTALLATION AND MAINTENANCE INSTRUCTIONS FOR ELECTRICAL BUILT-IN HOT PLATES

Dear User,

we are sincerely grateful to you for purchasing one of our products.

We are sure that the appliance is, functional and easy to use, built with the finest materials and components and it will satisfy all your needs.

We would ask that you read the instructions within this booklet very carefully so as to enable you to obtain quality results from the outlets.

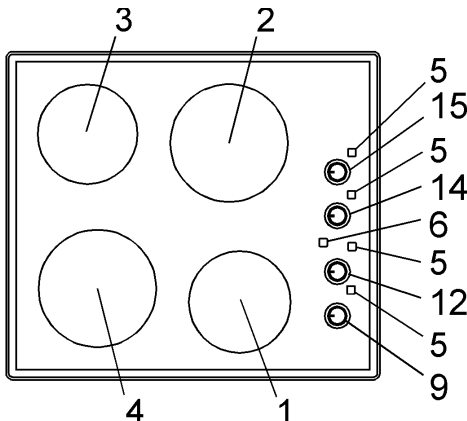
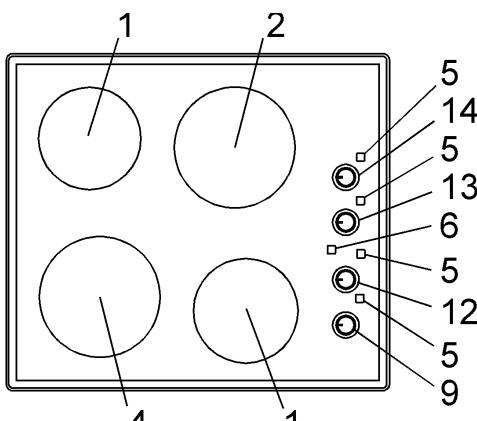
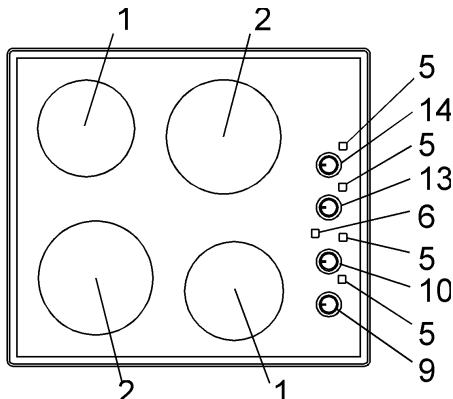
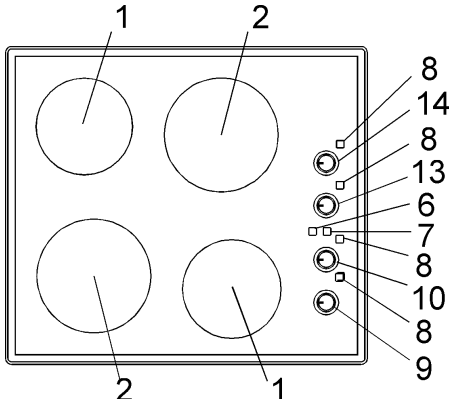
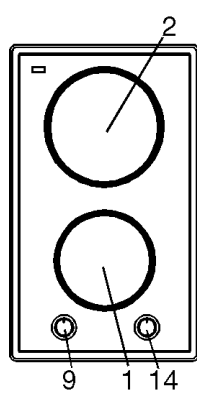
The appliance must be installed only by a qualified electrician in compliance with the instructions provided.

The manufacturer declines all responsibility for improper installation.

AEG

The manufacturer is not responsible for any transcription errors or misprints contained in this handbook and, furthermore, reserves the right to make any modification on the products, which might be deemed necessary or useful, this being in the user's interest, without altering their basic operating or safety features.

DESCRIPTION OF THE HOT PLATES

		
MODEL	MODEL	
		
MODEL	61040 K MODEL	31050 K MODEL

- | | | |
|--|----------|--------|
| 1 Radiant electric heating element | Ø 145 mm | 1200 W |
| 2 Radiant electric heating element | Ø 180 mm | 1700 W |
| 3 Halogen electric heating element | Ø 145 mm | 1200 W |
| 4 Halogen electric heating element | Ø 180 mm | 1800 W |
| 5 Signalling layout of heating elements position and residual heat indicator | | |
| 6 Indicator that signals the connection of one or more heating elements | | |
| 7 Residual heat indicator | | |
| 8 Signalling layout of heating elements | | |
| 9 Switch for plate n. 1 front | | |
| 10 Switch for plate n. 2 front | | |
| 12 Switch for plate n. 4 front | | |
| 13 Switch for plate n. 1 bach | | |
| 14 Switch for plate n. 2 bach | | |
| 15 Switch for plate n. 3 bach | | |

USE

1) ELECTRIC HOB

The hot plates are equipped with 4 radiant heating elements with different powers and diameters.

Cooking zones are easily identifiable thanks to the circles (see illustration in description) on the top; relative powers are listed in the scheme n.1.

A scheme has been silk-screened onto the front panel indicating which cooking zone the knobs refers to (fig. 1 - 3).

In some particular models the scheme annexes a light indicator that turns on when the cooking zone temperature is above 60° C (fig. 1-3).

The indicator will turn off only when the temperature of the cooking zone will be below the value: this is the reason why we call it residual heat indicator. Some other models have only one indicator (see description paragraph).

Connection of electric heating elements

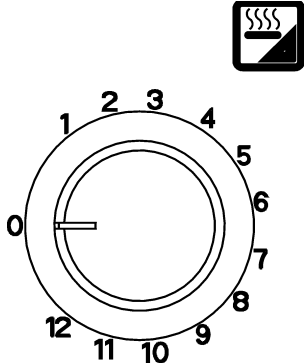
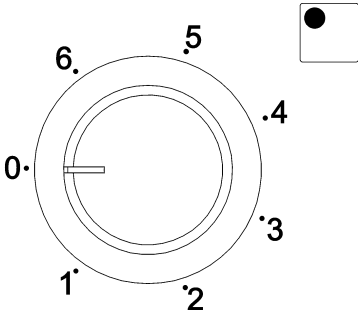
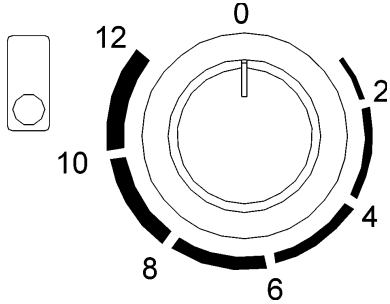
Heating elements are controlled by energy regulators with 12 positions or by commutators with 6 positions that permit a wide range of different temperatures. In Scheme 1, by way of information, we give instructions to obtain different cooking levels.

To connect the heating elements it is necessary to turn the relative knob clockwise or anticlockwise.

Indicator light 6 shows the connection of one or more heating elements.

How to use the cooking zones

Heating takes place only in the inside part of the circles drawn on the special glass. The circles have to be completely covered by the pots.

61040 K MODEL	61040 K MODEL	31050 K MODEL
		
FIG. 1	FIG. 2	FIG. 3

USE

SCHEME 1

Power and dimensions of the cooking zones				Position for regulation of the knobs		Possible cookings
Zone n°	Diameter in mm.	Heating elements	Power W	Commutators	Energy regulators	
1	145	Radiant	1200	1	1	To melt butter, chocolate and else.
2	180	Radiant	1700	2	1 - 4	To heat small quantities of liquid and to keep dishes warm.
3	145	Halogen	1200	3	4 - 8	To heat foods, thaw deep-frozen foods, to cook fruits and legumes.
4	180	Halogen	1800	4	8 - 10	To cook meat, fish, legumes with sauce.
				5	10 - 12	To cook meat roast, fish; to cook steaks and eggs.
				6	12	To fry with oil and to boil large quantities of water.

USE

WARNINGS:

For correct use, please look at fig. 4 and remember:

- *Switch on the electricity only after having placed the pot on the cooking zone.*
- *Use pots and pans with flat solid bottoms.*
- *Use pots with the same diameter as the cooking zones.*
- *Do not slide the pot on the glass as it can damage the glass.*
- *Do not scrape the pot against the glass so to not damage it.*
- *During the use of the cooking zones, please, keep children away from the hot plates. Make sure that the handles of the pots are facing towards the interior. Be aware that overheated fats and oils may become flammable.*
- *Cooking zones after using remain warm; don't place your hands or objects on the glass to avoid burns, till the indicator light is off.*
- *If the glass cracks, please, disconnect the appliance.*
- *Don't use plastic pots or aluminum sheets.*
- *Don't use hob as a supplementary surface.*

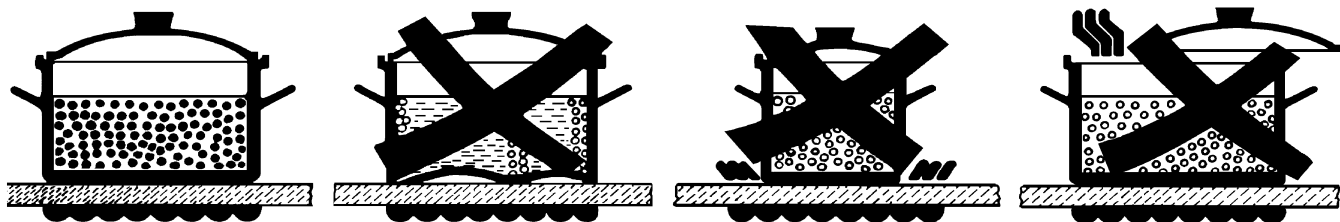


FIG. 4

CLEANING

2) ELECTRIC HOB

To protect the surface and maintain the clean and bright finish, use a silicone conditioner. This will protect the surface whilst cooking.

It is very important to clean the surface soon after every use, when the glass is still warm.

Do not use metallic sponges, powder abrasives or corrosive sprays.

Depending on the dirt level we recommend:

- Slight stains: use a moist clean rag.
- Burnt or soiling may be removed with a special razor scraper (fig. 5); **be aware that the razor can cause wounds.**
- Liquid marks, caused by boil-overs, can be

removed using vinegar or lemon.

- ***Pay attention not to let spilled sugar burn onto the element. In this case turn the switch off and clean the surface with hot water and the razor blade scraper.***
- After a period of time metal reflex and scratches (fig. 6) may appear due to the wrong cleaning and the wrong use of the pots. The scratches cannot be removed, but they do not compromise the good operating of the hob.
- Don't use steam jets for the equipment cleaning.

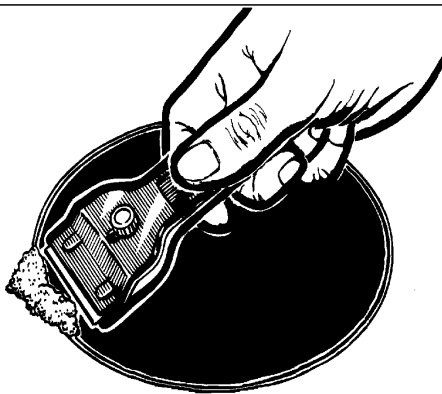


FIG. 5

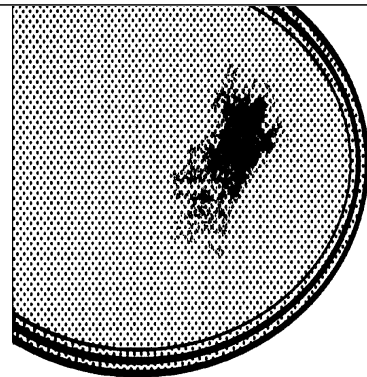


FIG. 6

INSTALLATION

TECHNICAL INSTRUCTIONS FOR THE INSTALLER

Installation may only be carried out by a competent technician or electrician.

3) INSERTING

After having cleared out all the packing components, make sure of the integrity of the appliance.

Please keep children away from all packing materials (carton, polystyrene, nails,...).

Make a cutout in the worktop, according to the dimensions indicated in fig. 7-8; make sure the critical dimensions of the space in which the appliance has to be installed (fig. 9) are respected.

4) FIXING

A special sealing strip underneath the hob must be used.

Make sure it is correctly positioned with no gaps to avoid any water infiltration. To fit the strip in the right way, please, respect the following instructions:

- Fix the hooks in the relative accommodations of the body.
- Turn the hob over, take the seal strips off from their support, taking care that the transparent protection remains attached to the seal. Correctly place the seal "E" (fig. 11) under the hob edge, so that the external side of the seal fits together

with the external perimeter of the hob.

The ends of the strip must fit together without overlapping.

- Stick the seal to the hotplate uniformly, pressing it with fingers.
- Take the protective paper strip of the seal off, place the hotplate in the opening made in the table top, and lock it with the special screws "F"(fig. 12).

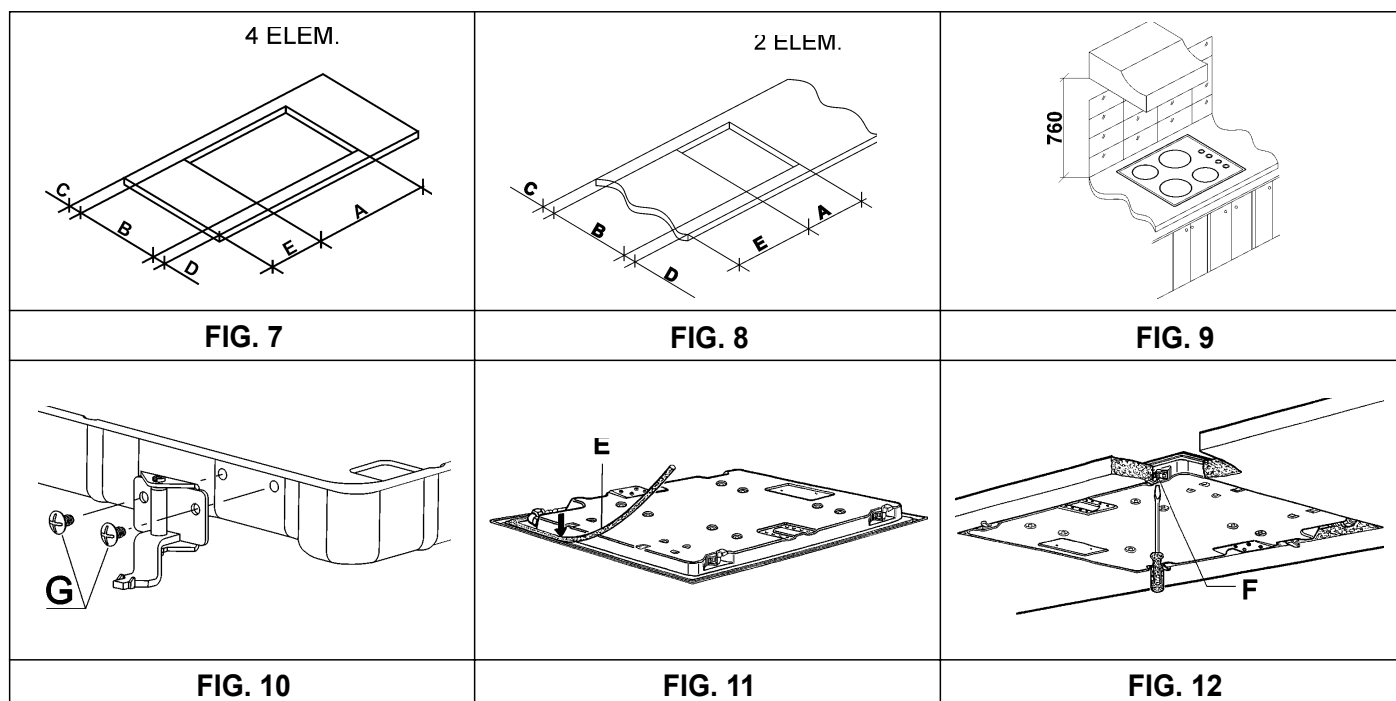
WARNINGS:

Be aware that the glue joining laminated plastic to the wood, has to resist to temperatures above 150° C, to avoid delamination.

The installer should bear in mind that the mixed appliance is the Y type. The rear wall, adjacent and surrounding surfaces must therefore be able to withstand temperatures above 65° C.

COMPLY WITH THE DIMENSIONS (mm)

	A	B	C	D	E
2 ELEM.	285	485	57.5	57.5	100 min.
4 ELEM.	560	490	57.5	57.5	100 min.



INSTALLATION

5) ELECTRICAL CONNECTION

The electrical connection must be done in accordance with all electrical and installation requirements of the Regulation.

Before proceeding with the connection, please, verify that:

- The power of the electrical system and the power of the outlets is adequate to the maximum power of the appliance (see the identification label in the lower part of the body).
- The electrical system must be earthed according to the Regulations. We disclaim all responsibilities for not observing such points.
- If the appliance is not equipped with an input cable, connect to the clamp with an adequate sized cable (see scheme paragraph 8) keeping the "earth" conductor longer than "live" ones, following the scheme of fig. 13-14.

When the connection to the input system has been done through a outlet:

- Apply to the input cable "C", if unprovided, a normalized plug adequate to the load indicated in the identification label. Connect the cables according to the scheme of fig.13-14, making sure to respect the undermentioned responses:

Letter L1 (Live) = cable red colour;

Letter L2 (Neutral) = cable black colour;

Symbol \oplus (Ground) = cable green - yellow colour.

- The input cable has to be located so that it never reaches a temperature over 75° C.

- Please do not use in the connection any reduction, adaptation that may provoke a false contact following dangerous overheatings.
- The outlet must be accessible after the built-in.

When the connection has been done directly to the input system:

- Install between the appliance and the system an omnipolar switch, adequate to the load of the appliance, with a minimum nose between the contacts of 3 mm.
- Keep in mind that the "earth" cable does not have to be interrupted by the switch.
- In an alternative solution the electrical connection can also be protected by a differential switch with high sensitivity.

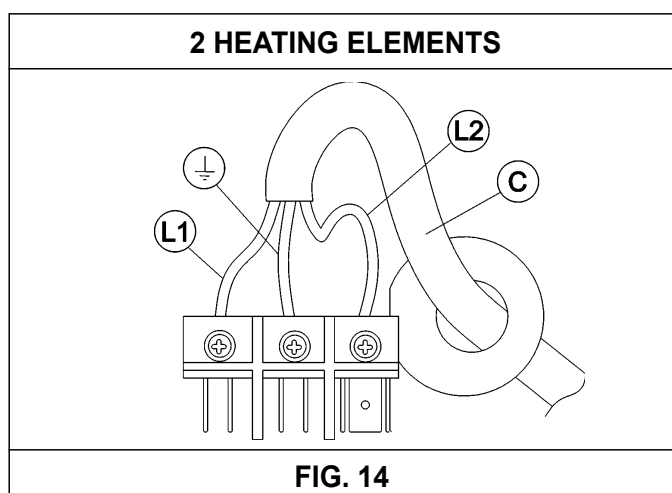
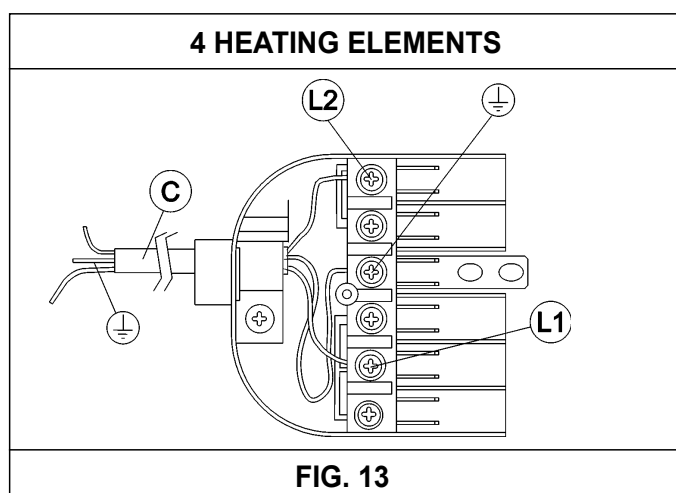
We recommend to fix the earth coloured cable to an appropriate earth installation.

WARNINGS:

All our products are projected and built according to the European Norms EN 60 335-1 and EN 60 335-2-6 and relative amendments.

The appliance has been produced according with the European Directives:

- CEE 89/336 + 92/31 + 93/68 concerning the compatibility electromagnetic.
- CEE 73/23 + 93/68 concerning the electrical security.



MAINTENANCE

Before doing any repairs, disconnect the appliance from the input power.

6) COMPONENTS SUBSTITUTION

To replace the components lodged in the internal part, is necessary to remove the appliance from the furniture, overturn it, loosen the screws and take off the bottom.

After these actions it is possible to work on the plates, commutators, clamps and input cable.

In case of substitution of the input cable, the installer must keep the “earth” conductor longer than “live” ones, and must respect the cautions in paragraph “electrical connection”.

To reassemble the appliance repeat the process inversely.

7) TECHNICAL CHARACTERISTICS OF THE ELECTRICAL COMPONENTS

To facilitate the job of the installer we present a scheme with the characteristics of the components.

POWER OF ELECTRICAL COMPONENTS DENOMINATIONS W

Denominations	W
Heating element Ø mm 145 radiant and halogen	1200
Heating element Ø mm 180 radiant	1700
Heating element Ø mm 180 halogen	1800

TYPE AND SECTION OF THE POWER CABLES 4 HEATING ELEMENTS

Cable type	Single phase power 230 - 240 V~
Rubber H05 RR-F	3 X 2.5 mm ²

TYPE AND SECTION OF THE POWER CABLES 2 HEATING ELEMENTS

Cable type	Single phase power 230 - 240 V~
Rubber H05 RR-F	3 X 1.5 mm ²

TECHNICAL DATA

MODEL WITH 4 HEATING ELEMENTS (2 RADIANTS + 2 HALOGEN)

Voltage	230 - 240 V~
Frequency	50/60 Hz
Tot. Rating	5900 W

MODEL WITH 4 HEATING ELEMENTS (3 RADIANTS + 1 HALOGEN)

Voltage	230 - 240 V~
Frequency	50/60 Hz
Tot. Rating	5900 W

MODEL WITH 4 HEATING ELEMENTS (4 RADIANTS with 5 indicators)

Voltage	230 - 240 V~
Frequency	50/60 Hz
Tot. Rating	5800 W

CANADIAN 61040 K MODEL WITH 4 HEATING ELEMENTS (4 RADIANTS with 2 indicators)

Voltage	230 - 240 V~
Frequency	50/60 Hz
Tot. Rating	5800 W

CANADIAN 31050 K MODEL WITH 2 HEATING ELEMENTS

Voltage	230 - 240 V~
Frequency	50/60 Hz
Tot. Rating	2900 W

SERVICE AND SPARE PARTS

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