EHH3320NOK

EN Hob

User Manual

Electrolux

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CUSTOMER CARE AND SERVICE

Always use original spare parts.
When contacting our Authorised Service Centre, ensure that you have the following data available: Model, PNC, Serial Number.
The information can be found on the rating plate.

⚠ Warning / Caution-Safety information

ⓘ General information and tips

Environmental information

Subject to change without notice.

1. ⚠ SAFETY INFORMATION

Before the installation and use of the appliance, carefully read the supplied instructions. The manufacturer is not responsible for any injuries or damages that are the result of incorrect installation or usage. Always keep the

instructions in a safe and accessible location for future reference.

1.1 Children and vulnerable people safety

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved.
- Do not let children play with the appliance.
- Keep all packaging away from children and dispose of it appropriately.
- Keep children and pets away from the appliance when it operates or when it cools down. Accessible parts are hot.
- If the appliance has a child safety device, this should be activated.
- Children shall not carry out cleaning and user maintenance of the appliance without supervision.
- Children aged 3 years and under must be kept away from this appliance when it is in operation at all times.

1.2 General Safety

- WARNING: The appliance and its accessible parts become hot during use. Care should be taken to avoid touching heating elements. Children less than 8 years of age shall be kept away unless continuously supervised.
- Do not operate the appliance by means of an external timer or separate remote-control system.
- WARNING: Unattended cooking on a hob with fat or oil can be dangerous and may result in fire.
- NEVER try to extinguish a fire with water, but switch off the appliance and then cover flame e.g. with a lid or a fire blanket.

- CAUTION: The cooking process has to be supervised. A short term cooking process has to be supervised continuously.
- WARNING: Danger of fire: Do not store items on the cooking surfaces.
- Metallic objects such as knives, forks, spoons and lids should not be placed on the hob surface since they can get hot.
- Do not use a steam cleaner to clean the appliance.
- After use, switch off the hob element by its control and do not rely on the pan detector.
- If the glass ceramic surface / glass surface is cracked, switch off the appliance to avoid the possibility of electric shock.
- If the supply cord is damaged, it must be replaced by the manufacturer, an authorized Service or similarly qualified persons in order to avoid a hazard.
- WARNING: Use only hob guards designed by the manufacturer of the cooking appliance or indicated by the manufacturer of the appliance in the instructions for use as suitable or hob guards incorporated in the appliance. The use of inappropriate guards can cause accidents.

2. SAFETY INSTRUCTIONS

2.1 Installation

WARNING!
Only a qualified person must install this appliance.

WARNING!
Risk of injury or damage to the appliance.

- Remove all the packaging.
- Do not install or use a damaged appliance.
- Follow the installation instruction supplied with the appliance.
- Keep the minimum distance from the other appliances and units.
- Always take care when moving the appliance as it is heavy. Always use safety gloves and enclosed footwear.
- Seal the cut surfaces with a sealant to prevent moisture to cause swelling.
- Protect the bottom of the appliance from steam and moisture.
- Do not install the appliance adjacent to a door or under a window. This prevents hot cookware to fall from the appliance when the door or the window is opened.
- If the appliance is installed above drawers make sure that the space, between the bottom of the appliance and the upper drawer, is sufficient for air circulation.

- The bottom of the appliance can get hot. Make sure to install a non-combustible separation panel under the appliance to prevent access to the bottom.
- Make sure that the ventilation space of 2 mm, between the worktop and the front of the below unit, is free. The warranty does not cover damages caused by the lack of an adequate ventilation space.

2.2 Electrical Connection

WARNING!
Risk of fire and electrical shock.

- All electrical connections should be made by a qualified electrician.
- The appliance must be earthed.
- Before carrying out any operation make sure that the appliance is disconnected from the power supply.
- Make sure that the electrical information on the rating plate agrees with the power supply. If not, contact an electrician.
- Make sure the appliance is installed correctly. Loose and incorrect electricity mains cable or plug (if applicable) can make the terminal become too hot.
- Use the correct electricity mains cable.
- Do not let the electricity mains cable tangle.
- Make sure that a shock protection is installed.
- Use the strain relief clamp on the cable.
- Make sure the mains cable or plug (if applicable) does not touch the hot appliance or hot cookware, when you connect the appliance to the near sockets
- Do not use multi-plug adapters and extension cables.
- Make sure not to cause damage to the mains plug (if applicable) or to the mains cable. Contact our Authorised Service Centre or an electrician to change a damaged mains cable.
- The shock protection of live and insulated parts must be fastened in such a way that it cannot be removed without tools.
- Connect the mains plug to the mains socket only at the end of the installation. Make sure that there is access to the mains plug after the installation.
- If the mains socket is loose, do not connect the mains plug.
- Do not pull the mains cable to disconnect the appliance. Always pull the mains plug.
- Use only correct isolation devices: line protecting cut-outs, fuses (screw type fuses removed from the holder), earth leakage trips and contactors.
- The electrical installation must have an isolation device which lets you disconnect the appliance from the mains at all poles. The isolation device must have a contact opening width of minimum 3 mm.

2.3 Use

WARNING!
Risk of injury, burns and electrical shock.

- Remove all the packaging, labelling and protective film (if applicable) before first use.
- Use this appliance in a household environment.
- Do not change the specification of this appliance.
- Make sure that the ventilation openings are not blocked.
- Do not let the appliance stay unattended during operation.
- Set the cooking zone to “off” after each use.
- Do not rely on the pan detector.
- Do not put cutlery or saucepan lids on the cooking zones. They can become hot.
- Do not operate the appliance with wet hands or when it has contact with water.
- Do not use the appliance as a work surface or as a storage surface.
- If the surface of the appliance is cracked, disconnect immediately the appliance from the power supply. This to prevent an electrical shock.

- Users with a pacemaker must keep a distance of minimum 30 cm from the induction cooking zones when the appliance is in operation.
- When you place food into hot oil, it may splash.

WARNING!
Risk of fire and explosion

- Fats and oil when heated can release flammable vapours. Keep flames or heated objects away from fats and oils when you cook with them.
- The vapours that very hot oil releases can cause spontaneous combustion.
- Used oil, that can contain food remnants, can cause fire at a lower temperature than oil used for the first time.
- Do not put flammable products or items that are wet with flammable products in, near or on the appliance.

WARNING!
Risk of damage to the appliance.

- Do not keep hot cookware on the control panel.
- Do not put a hot pan cover on the glass surface of the hob.
- Do not let cookware to boil dry.
- Be careful not to let objects or cookware fall on the appliance. The surface can be damaged.
- Do not activate the cooking zones with empty cookware or without cookware.
- Do not put aluminium foil on the appliance.
- Cookware made of cast iron, aluminium or with a damaged bottom can cause scratches on the glass / glass ceramic. Always lift these objects up when you have to move them on the cooking surface.
- This appliance is for cooking purposes only. It must not be used for other purposes, for example room heating.

2.4 Care and cleaning

- Clean regularly the appliance to prevent the deterioration of the surface material.
- Deactivate the appliance and let it cool down before you clean it.
- Disconnect the appliance from the electrical supply before maintenance.
- Do not use water spray and steam to clean the appliance.
- Clean the appliance with a moist soft cloth. Only use neutral detergents. Do not use any abrasive products, abrasive cleaning pads, solvents or metal objects.

2.5 Disposal

WARNING!
Risk of injury or suffocation.

- Contact your municipal authority for information on how to discard the appliance correctly.
- Disconnect the appliance from the mains supply.
- Cut off the mains electrical cable close to the appliance and dispose of it.

2.6 Service

- To repair the appliance contact an Authorised Service Centre.
- Use original spare parts only.

3. INSTALLATION

WARNING!
Refer to Safety chapters.

3.1 Before the installation

Before you install the hob, write down the information bellow from the rating plate.

The rating plate is on the bottom of the hob.

Model .....
PNC .....
Serial number .....

3.2 Built-in hobs

Only use the built-in hobs after you assemble the hob into correct built-in units and work surfaces that align to the standards.

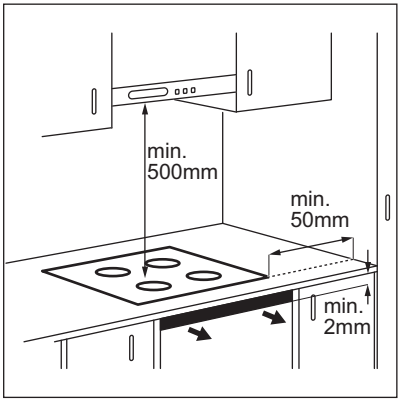
3.3 Connection cable

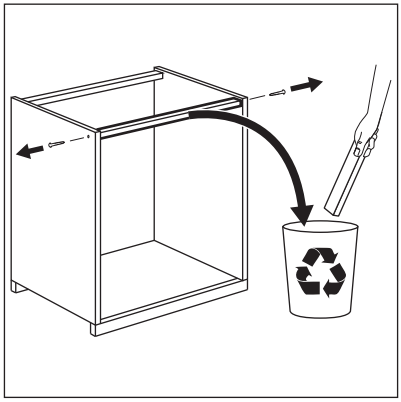
- The hob is supplied with a connection cable.
- To replace the damaged mains cable use the following (or higher) mains cable type: H05V2V2-F T min 90°C. Speak to your local Service Centre.

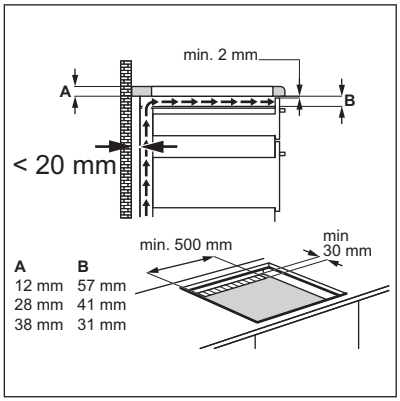
3.4 Attaching the seal

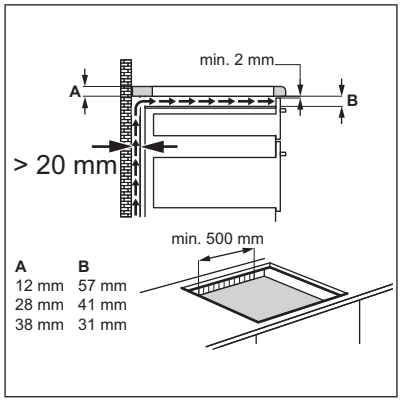
1. Clean the worktop around the cut out area.
2. Attach the supplied seal stripe to the lower edge of the hob along the outer edge of the glass ceramic. Do not extend it. Make sure that the ends of the seal stripe are located in the middle of one side of the hob.
3. Add some mm when you cut the seal stripe to the length.
4. Push the two ends of seal stripe together.

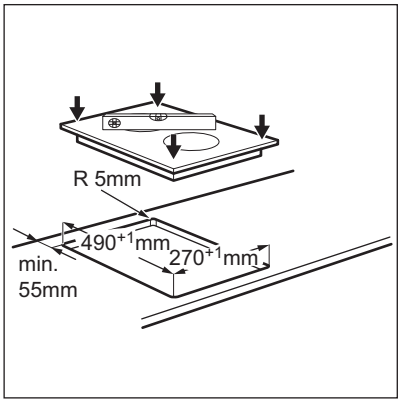
3.5 Assembly

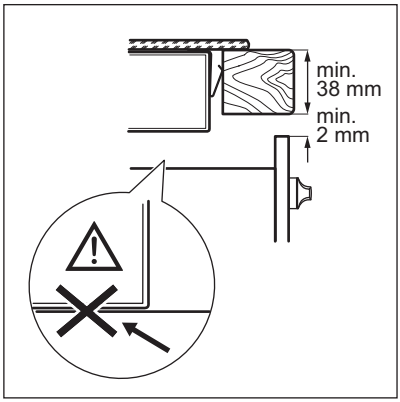


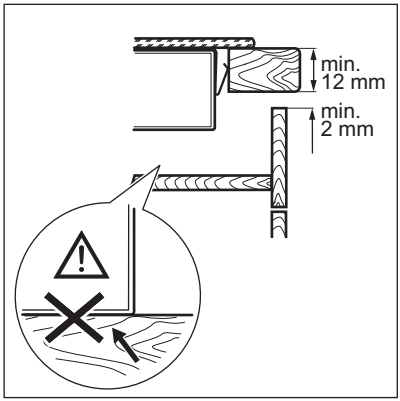


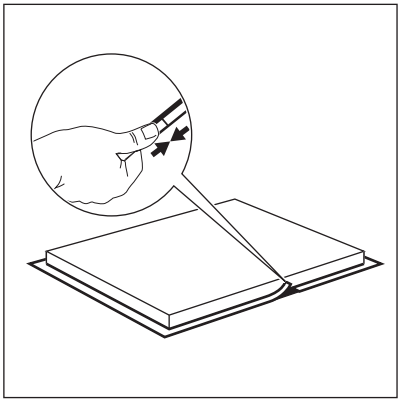




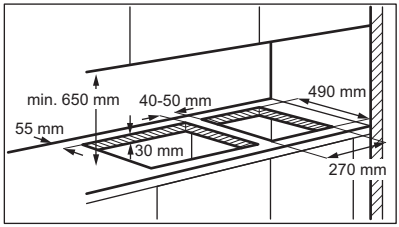








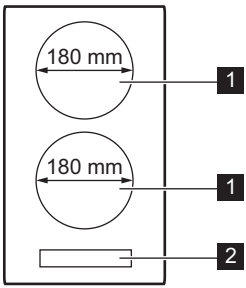
3.6 Installation of more than one hob



If several 30 cm hobs are to be installed side by side into the same cut out, an assembly kit including a support side bracket and supplementary seals is available at our Authorised Service Centres. The relevant installation instructions are supplied within the kit package.

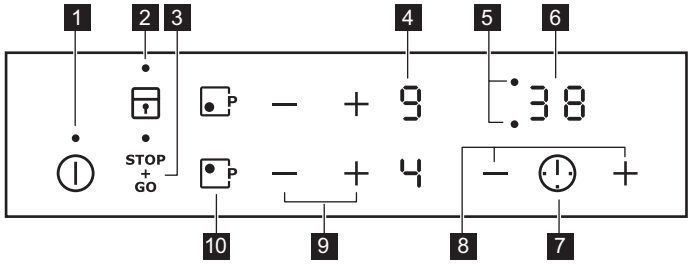
4. PRODUCT DESCRIPTION

4.1 Cooking surface layout



1 Induction cooking zone
2 Control panel

4.2 Control panel layout



Use the sensor fields to operate the appliance. The displays, indicators and sounds tell which functions operate.

	Sensor field	Function	Comment
1	⏻	ON / OFF	To activate and deactivate the hob.
2	🔒	Lock / The Child Safety Device	To lock / unlock the control panel.
3	STOP + GO	STOP+GO	To activate and deactivate the function.
4	-	Heat setting display	To show the heat setting.
5	-	Timer indicators of cooking zones	To show for which zone you set the time.
6	-	Timer display	To show the time in minutes.
7	⏲	-	To select the cooking zone.

	Sen-sor field	Function	Comment
8	+ / −	-	To increase or decrease the time.
9	+ / −	-	To set a heat setting.
10	P	Power function	To activate and deactivate the function.

4.3 Heat setting displays

Display	Description
0	The cooking zone is deactivated.
1 - 9 / 2. - 6.	The cooking zone operates. The dot means a change by half of a heating level.
u	STOP+GO function operates.
P	Power function operates.
E + digit	There is a malfunction.
H	A cooking zone is still hot (residual heat).
L	Lock / The Child Safety Device function operates.
F	Incorrect or too small cookware or no cookware on the cooking zone.
-	Automatic Switch Off function operates.

4.4 Residual heat indicator

WARNING!
H There is a risk of burns from residual heat.

The induction cooking zones make the heat necessary for cooking process directly in the bottom of the cookware. The glass ceramic is heated by the heat of the cookware.

5. DAILY USE

WARNING!
Refer to Safety chapters.

5.1 Activating and deactivating

Touch ⏻ for 1 second to activate or deactivate the hob.

5.2 Automatic Switch Off

The function deactivates the hob automatically if:

- all cooking zones are deactivated,
- you do not set the heat setting after you activate the hob,

- you spill something or put something on the control panel for more than 10 seconds (a pan, a cloth, etc.). An acoustic signal sounds and the hob deactivates. Remove the object or clean the control panel.
- the hob gets too hot (e.g. when a saucepan boils dry). Let the cooking zone cool down before you use the hob again.
- you use incorrect cookware. The symbol F comes on and the cooking zone deactivates automatically after 2 minutes.
- you do not deactivate a cooking zone or change the heat setting. After some time - comes on and the hob deactivates.

The relation between the heat setting and the time after which the hob deactivates:

Heat setting	The hob deactivates after
u, 1 - 2	6 hours
3 - 4	5 hours
5	4 hours
6 - 9	1.5 hour

5.3 The heat setting

Touch + to increase the heat setting.
Touch — to decrease the heat setting.
Touch + and — at the same time to deactivate the cooking zone.

5.4 Power function

This function makes more power available to the induction cooking zones. The function can be activated for the induction cooking zone only for a limited period of time. After this time the induction cooking zone automatically sets back to the highest heat setting.

Refer to “Technical information” chapter.

To activate the function for a cooking zone: touch P. P comes on.

To deactivate the function: touch P or —.

5.5 Timer

Count Down Timer
You can use this function to set how long the cooking zone should operate for a single cooking session.

First set the heat setting for the cooking zone then set the function.

To set the cooking zone: touch ⏲ again and again until the indicator of a necessary cooking zone comes on.

To activate the function or change the time: touch + or — of the timer to set the time (00 - 99 minutes). When the indicator of the cooking zone starts to flash slowly the time counts down.

To see the remaining time: set the cooking zone with ⏲. The indicator of the cooking zone starts to flash quickly. The display shows the remaining time.

To deactivate the function: set the cooking zone with ⏲ and touch —. The remaining time counts back to 00. The indicator of the cooking zone goes out.

When the time comes to an end, the sound operates and 00 flashes. The cooking zone deactivates.

To stop the sound: touch ⏲.

Minute Minder
You can use this function as a **Minute Minder** when the hob is activated and the cooking zones do not operate. The heat setting display shows 0.

To activate the function: touch ⏲. Touch + or — of the timer to set the time. When the time comes to an end, the sound operates and **00** flashes.

To stop the sound: touch ⏲.

The function has no effect on the operation of the cooking zones.

5.6 STOP+GO

This function sets all cooking zones that operate to the lowest heat setting.

When the function operates, you cannot change the heat setting.

The function does not stop the timer functions.

To activate the function: touch STOP+GO. comes on.

To deactivate the function: touch STOP+GO. The previous heat setting comes on.

5.7 Lock

You can lock the control panel while cooking zones operate. It prevents an accidental change of the heat setting.

Set the heat setting first.

To activate the function: touch . comes on for 4 seconds. The Timer stays on.

To deactivate the function: touch . The previous heat setting comes on.

When you deactivate the hob, you also deactivate this function.

5.8 The Child Safety Device

This function prevents an accidental operation of the hob.

To activate the function: activate the hob with . Do not set the heat setting. Touch for 4 seconds. comes on. Deactivate the hob with .

To deactivate the function: activate the hob with . Do not set the heat setting. Touch for 4 seconds. comes on. Deactivate the hob with .

To override the function for only one cooking time: activate the hob with . comes on. Touch for 4 seconds. **Set the heat setting in 10 seconds.** You can operate the hob. When you deactivate the hob with the function operates again.

5.9 OffSound Control (Deactivation and activation of the sounds)

Originally the sounds are activated.

Deactivate the hob. Touch for 3 seconds. The display comes on and goes out. Touch STOP+GO for 3 seconds. or comes on. Touch + of the front left zone to choose one of the following:

- - the sounds are off
- - the sounds are on

To confirm your selection wait until the hob deactivates automatically.

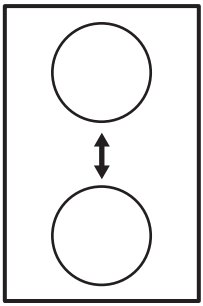
When the function is set to you can hear the sounds only when:

- you touch
- Minute Minder comes down
- Count Down Timer comes down
- you put something on the control panel.

If there is a problem with electrical supply and the hob deactivates it does not keep previous settings.

5.10 Power management

- All cooking zones are connected to one phase. See the illustration.
- The phase has a maximum electricity loading of 3700 W.
- The function divides the power between cooking zones.
- The function activates when the total electricity loading of the cooking zones exceeds 3700 W.
- The function decreases the power to the other cooking zones.
- The heat setting display of the reduced zones alternates between the chosen heat setting and the reduced heat setting. After some time the heat setting display of the reduced zones stays on the reduced heat setting.



6. HINTS AND TIPS

WARNING!
Refer to Safety chapters.

6.1 Cookware

For induction cooking zones a strong electro-magnetic field creates the heat in the cookware very quickly.

Use the induction cooking zones with correct cookware.

Cookware material

- **correct:** cast iron, steel, enamelled steel, stainless steel, the bottom made of multi-layer (with correct mark from a manufacturer).
- **not correct:** aluminium, copper, brass, glass, ceramic, porcelain.

Cookware is correct for an induction hob if:

- some water boils very quickly on a zone set to the highest heat setting.
- a magnet pulls on to the bottom of the cookware.

The bottom of the cookware must be as thick and flat as possible.

Cookware dimensions

Induction cooking zones adapt to the dimension of the bottom of the cookware automatically to some limit.

The cooking zone efficiency is related to the diameter of the cookware. The cookware with a smaller diameter than the minimum receives only a part of the power generated by the cooking zone.

Refer to “Technical information” chapter.

6.2 The noises during operation

If you can hear:

- crack noise: cookware is made of different materials (sandwich construction).
- whistle sound: you use the cooking zone with high power level and the cookware is made of different materials (sandwich construction).
- humming: you use high power level.
- clicking: electric switching occurs.
- hissing, buzzing: the fan operates.

The noises are normal and do not refer to hob malfunction.

6.3 Examples of cooking applications

The relation between the heat setting and the cooking zone consumption of power is not linear. When you increase the heat setting, it is not proportional to the increase of the cooking zone consumption of power. It means that the cooking zone with the medium heat setting uses less than a half of its power.

The data in the table is for guidance only.

Heat setting	Use to:	Time (min)	Hints
- 1	Keep cooked food warm.	as necessary	Put a lid on the cookware.
1 - 2.	Hollandaise sauce, melt: butter, chocolate, gelatine.	5 - 25	Mix from time to time.
1 - 2.	Solidify: fluffy omelettes, baked eggs.	10 - 40	Cook with a lid on.
2. - 3.	Simmer rice and milkbased dishes, heating up ready-cooked meals.	25 - 50	Add the minimum twice as much liquid as rice, mix milk dishes part procedure through.
3. - 4.	Steam vegetables, fish, meat.	20 - 45	Add some tablespoons of liquid.
4. - 5.	Steam potatoes.	20 - 60	Use max. ¼ l water for 750 g of potatoes.
4. - 5.	Cook larger quantities of food, stews and soups.	60 - 150	Up to 3 l liquid plus ingredients.
5. - 7	Gentle fry: escalope, veal cordon bleu, cutlets, rissoles, sausages, liver, roux, eggs, pancakes, doughnuts.	as necessary	Turn halfway through.
7 - 8	Heavy fry, hash browns, loin steaks, steaks.	5 - 15	Turn halfway through.
9	Boil water, cook pasta, sear meat (goulash, pot roast), deep-fry chips.		
P	Boil large quantities of water. Power function is activated.		

7. CARE AND CLEANING

WARNING!
Refer to Safety chapters.

7.1 General information

- Clean the hob after each use.
- Always use cookware with clean bottom.
- Scratches or dark stains on the surface have no effect on how the hob operates.
- Use a special cleaner applicable for the surface of the hob.
- Use a special scraper for the glass.

7.2 Cleaning the hob

- **Remove immediately:** melted plastic, plastic foil, sugar and food with sugar. If not, the dirt can cause damage to the hob. Take care to avoid burns. Put the special scraper on the glass surface at an acute angle and move the blade on the surface.
- **Remove when the hob is sufficiently cool:** limescale rings, water rings, fat stains, shiny metallic discoloration. Clean the hob with a moist cloth and non-abrasive detergent. After cleaning, wipe the hob dry with a soft cloth.

- **Remove shiny metallic discoloration:** use a solution of water with vinegar and clean the glass surface with a moist cloth.

8. TROUBLESHOOTING



WARNING!
Refer to Safety chapters.

8.1 What to do if...

Problem	Possible cause	Remedy
You cannot activate or operate the hob.	The hob is not connected to an electrical supply or it is connected incorrectly.	Check if the hob is correctly connected to the electrical supply. Refer to the connection diagram.
	The fuse is blown.	Make sure that the fuse is the cause of the malfunction. If the fuse is blown again and again, contact a qualified electrician.
		Activate the hob again and set the heat setting in less than 10 seconds.
	You touched 2 or more sensor fields at the same time.	Touch only one sensor field.
	STOP+GO function operates.	Refer to "Daily use" chapter.
	There is water or fat stains on the control panel.	Clean the control panel.
An acoustic signal sounds and the hob deactivates. An acoustic signal sounds when the hob is deactivated.	You put something on one or more sensor fields.	Remove the object from the sensor fields.
The hob deactivates.	You put something on the sensor field ⏻.	Remove the object from the sensor field.
Residual heat indicator does not come on.	The zone is not hot because it operated only for a short time.	If the zone operated sufficiently long to be hot, speak to an Authorised Service Centre.
The heat setting changes between two levels.	Power management function operates.	Refer to "Daily use" chapter.

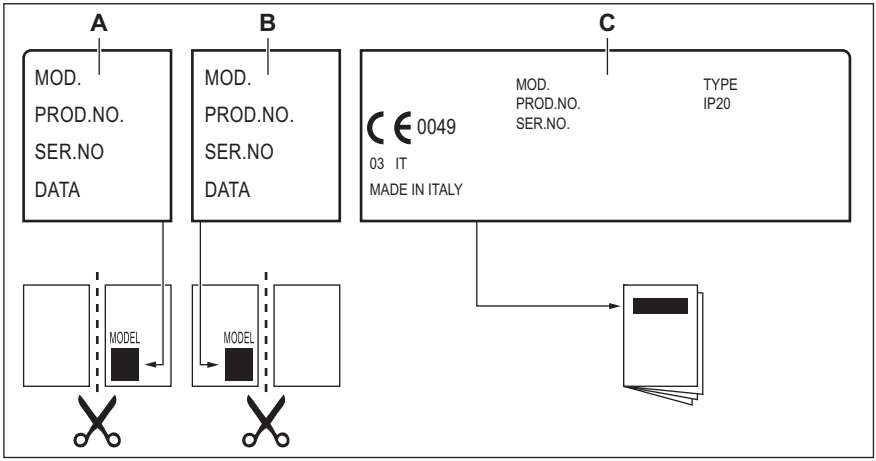
Problem	Possible cause	Remedy
The sensor fields become hot.	The cookware is too large or you put it too near to the controls.	Put large cookware on the rear zones if possible.
There is no signal when you touch the panel sensor fields.	The signals are deactivated.	Activate the signals. Refer to "Daily use" chapter.
[-] comes on.	Automatic Switch Off operates.	Deactivate the hob and activate it again.
[L] comes on.	The Child Safety Device or the Lock function operates.	Refer to "Daily use" chapter.
[F] comes on.	There is no cookware on the zone.	Put cookware on the zone.
	The cookware is incorrect.	Use the correct cookware. Refer to “Hints and tips” chapter.
	The diameter of the bottom of the cookware is too small for the zone.	Use cookware with correct dimensions. Refer to “Technical information” chapter.
[E] and a number come on.	There is an error in the hob.	Disconnect the hob from the electrical supply for some time. Disconnect the fuse from the electrical system of the house. Connect it again. If [E] comes on again, speak to an Authorised Service Centre.
[E4] comes on.	There is an error in the hob because a cookware boiled dry. Automatic Switch Off and the overheating protection for the zones operate.	Deactivate the hob. Remove the hot cookware. After approximately 30 seconds, activate the zone again. If the cookware was the problem, the error message goes out. Residual heat indicator can stay on. Let the cookware become sufficiently cool. Check if your cookware is compatible with the hob. Refer to “Hints and tips” chapter.

8.2 If you cannot find a solution...

If you cannot find a solution to the problem yourself, contact your dealer or an Authorised Service Centre. Give the data from the rating plate. Give also three digit letter code for the glass ceramic (it is in the corner of the glass surface) and an error message that comes on. Make sure, you operated the hob correctly. If not the servicing by a service technician or dealer will not be free of charge, also during the warranty period. The instructions about the Service Centre and conditions of guarantee are in the guarantee booklet.

8.3 Labels supplied with the accessories bag

Stick the adhesive labels as indicated below:



A. Stick it on Guarantee Card and send this part (if applicable).
B. Stick it on Guarantee Card and keep this part (if applicable).
C. Stick it on instruction booklet.

9. TECHNICAL DATA

9.1 Cooking zones specification

Cooking zone	Nominal power (maximum heat setting) [W]	Power function [W]	Power function maximum duration [min]	Cookware diameter [mm]
Middle front	1800	2500	10	145 - 180
Middle rear	1800	2500	10	145 - 180

The power of the cooking zones can be different in some small range from the data in the table. It changes with the material and dimensions of the cookware.

For optimal cooking results use cookware not larger than the diameter in the table.

10. ENERGY EFFICIENCY

10.1 Product information according to EU 66/2014

Model identification		EHH3320NOK
Type of hob		Built-In Hob
Number of cooking zones		2
Heating technology		Induction
Diameter of circular cooking zones (Ø)	Middle front Middle rear	18.0 cm 18.0 cm
Energy consumption per cooking zone (EC electric cooking)	Middle front Middle rear	184.4 Wh / kg 184.4 Wh / kg
Energy consumption of the hob (EC electric hob)		184.4 Wh / kg

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10.2 Energy saving

You can save energy during everyday cooking if you follow below hints.

- When you heat up water, use only the amount you need.
- If it is possible, always put the lids on the cookware.
- Before you activate the cooking zone put the cookware on it.
- Put the smaller cookware on the smaller cooking zones.
- Put the cookware directly in the centre of the cooking zone.
- Use the residual heat to keep the food warm or to melt it.

11. ENVIRONMENTAL CONCERNS

Recycle materials with the symbol ♺. Put the packaging in relevant containers to recycle it. Help protect the environment and human health by recycling waste of electrical and electronic appliances. Do not dispose of appliances marked with the symbol with the household waste. Return the product to your local recycling facility or contact your municipal office.

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