KT8421XE

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.
- Children between 3 and 8 years of age and persons with very extensive and complex disabilities shall be kept away unless continuously supervised.
- Children of less than 3 years of age should be kept away unless continuously supervised.
- 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, it should be activated.
- Children shall not carry out cleaning and user maintenance of the appliance without supervision.

1.2 General Safety

- WARNING: The appliance and its accessible parts become hot during use. Care should be taken to avoid touching heating elements.
- 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.
- If the glass ceramic surface / glass surface is cracked, switch off the appliance and unplug it from the mains. In case the appliance is connected to the mains directly using junction box, remove the fuse to disconnect the appliance from power supply. In either case contact the Authorised Service Centre.
- 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 instructions supplied with the appliance.
- Keep the minimum distance from 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 falling 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 separation panel made from plywood, kitchen carcass material or other non-flammable materials under the appliance to prevent access to the bottom.
- The separation panel has to cover the area under the hob completely.

2.2 Electrical Connection

WARNING!
Risk of fire and electric 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 parameters on the rating plate are compatible with the electrical ratings of the mains power supply.
- 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 electric shock.

- Remove all the packaging, labelling and protective film (if applicable) before first use.
- This appliance is for household use only.
- 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 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.
- 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 the appliance regularly 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 Service

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

2.6 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.

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.

Serial number .....

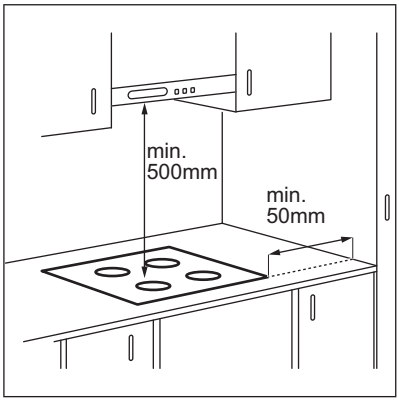
3.2 Built-in hobs

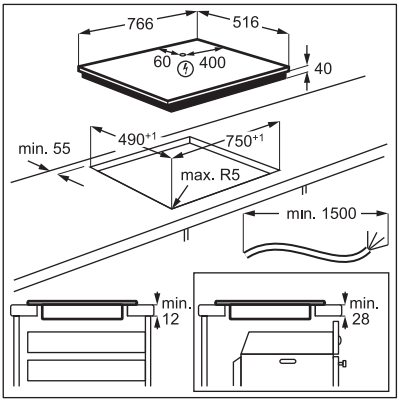
Only use the built-in hobs after you assemble the hob into correct built-in units and work surfaces that align to the standards.

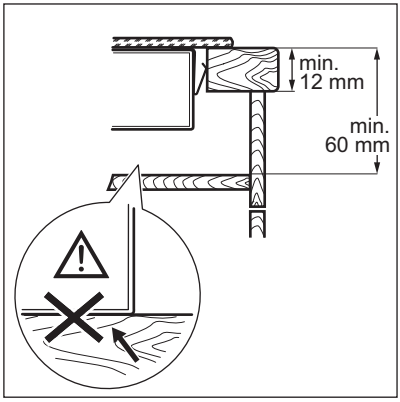
3.3 Connection cable

- The hob is supplied with a connection cable.
- To replace the damaged mains cable, use the cable type: H05V2V2-F which withstands a temperature of 90°C or higher. Speak to your local Service Centre.

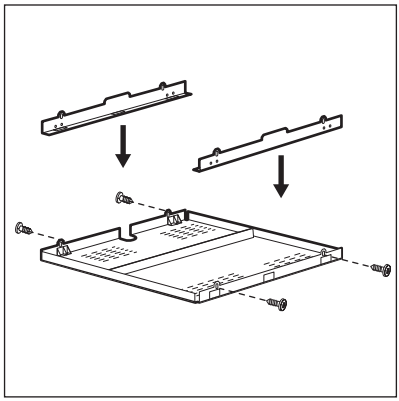
3.4 Assembly







3.5 Protection box

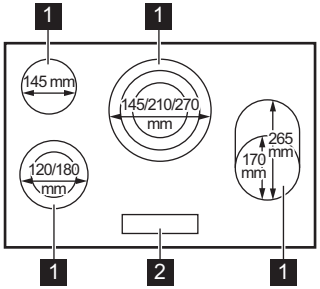


If you use a protection box (an additional accessory), the protective floor directly below the hob is not necessary. The protection box accessory may not be available in some countries. Please contact your local supplier.

You can not use the protection box if you install the hob above an oven.

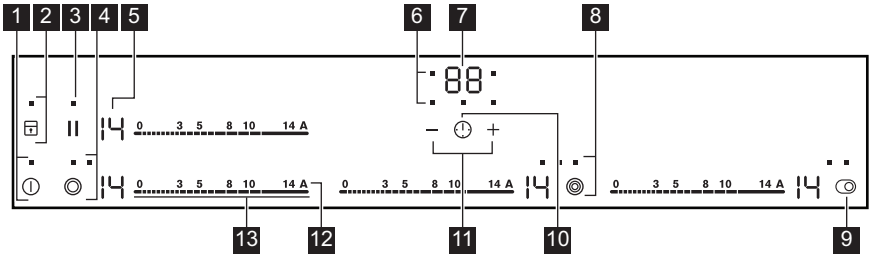
4. PRODUCT DESCRIPTION

4.1 Cooking surface layout



1 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 / Child Safety Device	To lock / unlock the control panel.
3	⏸	Pause	To activate and deactivate the function.
4	◎	-	To activate and deactivate the outer ring.
5	-	Heat setting display	To show the heat setting.
6	-	Timer indicators of cooking zones	To show for which zone you set the time.
7	-	Timer display	To show the time in minutes.

	Sensor field	Function	Comment
8		-	To activate and deactivate the outer ring.
9		-	To activate and deactivate the outer ring.
10		-	To select the cooking zone.
11	+ / −	-	To increase or decrease the time.
12	A	Automatic Heat Up	To activate and deactivate the function.
13	-	Control bar	To set a heat setting.

4.3 Heat setting displays

Display	Description
0	The cooking zone is deactivated.
1 - 14	The cooking zone operates.
u	Pause operates.
A	Automatic Heat Up operates.
E + digit	There is a malfunction.
3 / 2 / 1	OptiHeat Control (3 step Residual heat indicator): continue cooking / keep warm / residual heat.
L	Lock / Child Safety Device operates.
-	Automatic Switch Off operates.

4.4 OptiHeat Control (3 step Residual heat indicator)

WARNING!

3 / 2 / 1 There is a risk of burns from residual heat. The indicators show the level of the residual heat for the cooking zones you are currently using. The indicators may also come on for the neighbouring cooking zones even if you are not using them.

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.
- you do not deactivate a cooking zone or change the heat setting. After some time [-] comes on and the hob deactivates.

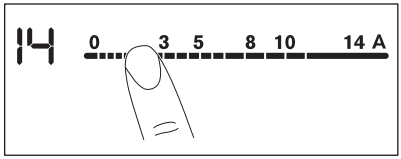
The relation between the heat setting and the time after which the hob deactivates:

Heat setting	The hob deactivates after
[ᴗ], 1 - 3	6 hours
4 - 7	5 hours
8 - 9	4 hours
10 - 14	1.5 hour

5.3 The heat setting

To set or change the heat setting:

Touch the control bar at the correct heat setting or move your finger along the control bar until you reach the correct heat setting.



5.4 Activating and deactivating the outer rings

You can adjust the surface you cook to the dimension of the cookware.

Use sensor field: ◎ ◎ ⬭

To activate the outer ring: touch the sensor field. The indicator comes on.

To activate more outer rings: touch the same sensor field again. The subsequent indicator comes on.

To deactivate the outer ring: touch the sensor field until the indicator goes out.

When you activate the zone but do not activate the outer ring the light that comes out from the zone may cover the outer ring. It does not mean that the outer ring is activated. To see if the ring is activated check the indicator.

5.5 Automatic Heat Up

Activate this function to get a desired heat setting in a shorter time. When it is on, the zone operates on the highest setting in the beginning and then continues to cook at the desired heating setting.

To activate the function the cooking zone must be cold.

To activate the function for a cooking zone: touch A ([A] comes on). Immediately touch a desired heat setting. After 3 seconds [A] comes on.

To deactivate the function: change the heat setting.

5.6 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: touch + 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 change the time: set the cooking zone with ⏲. Touch + or —.

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 ⏲.

CountUp Timer (The count up timer)
You can use this function to monitor how long the cooking zone operates.

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

To activate the function: touch — of the timer. UP comes on. When the indicator of the cooking zone starts to flash slowly the time counts up. The display switches between UP and counted time (minutes).

To see how long the cooking zone operates: set the cooking zone with ⏲. The indicator of the cooking zone starts to flash quickly. The display shows how long the zone operates.

To deactivate the function: set the cooking zone with ⏲ and touch + or —. The indicator of the cooking zone goes out.

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.

5.7 Pause

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

When the function operates, all other symbols on the control panels are locked.

The function does not stop the timer functions.

Touch ⏸ to activate the function. u comes on. The heat setting is lowered to 1.

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

5.8 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 🔒. L 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.

5.9 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.

5.10 OffSound Control (Deactivating and activating the sounds)

Deactivate the hob. Touch for 3 seconds. The display comes on and goes out. Touch for 3 seconds. or comes on. Touch of the timer 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.

6. HINTS AND TIPS

WARNING!
Refer to Safety chapters.

6.1 Cookware

The bottom of the cookware must be as thick and flat as possible.
Ensure pan bases are clean and dry before placing on the hob surface.

Cookware made of enamelled steel and with aluminium or copper bottoms can cause a colour change on the glass-ceramic surface.

6.2 Öko Timer (Eco Timer)

To save energy, the heater of the cooking zone deactivates before the count down timer sounds. The difference in the operation time depends on the heat setting level and the length of the cooking operation.

6.3 Examples of cooking applications

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 - 3	Hollandaise sauce, melt: butter, chocolate, gelatine.	5 - 25	Mix from time to time.
1 - 3	Solidify: fluffy omelettes, baked eggs.	10 - 40	Cook with a lid on.
3 - 5	Simmer rice and milkbased dishes, heat up ready-cooked meals.	25 - 50	Add at least twice as much liquid as rice, mix milk dishes halfway through the procedure.
5 - 7	Steam vegetables, fish, meat.	20 - 45	Add a couple of tablespoons of liquid.
7 - 9	Steam potatoes.	20 - 60	Use max. ¼ l of water for 750 g of potatoes.
7 - 9	Cook larger quantities of food, stews and soups.	60 - 150	Up to 3 l of liquid plus ingredients.
9 - 12	Gentle fry: escalope, veal cordon bleu, cutlets, rissoles, sausages, liver, roux, eggs, pancakes, doughnuts.	as necessary	Turn halfway through.
12 - 13	Heavy fry, hash browns, loin steaks, steaks.	5 - 15	Turn halfway through.
14	Boil water, cook pasta, sear meat (goulash, pot roast), deep-fry chips.		

7. CARE AND CLEANING

WARNING!
Refer to Safety chapters.

7.1 General information

- Clean the hob after each use.
- Always use cookware with a clean base.
- Scratches or dark stains on the surface have no effect on how the hob operates.
- Use a special cleaner suitable 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, otherwise, the dirt can cause damage to the hob. Take care to avoid burns. Use a special hob 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 a 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 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.
	You do not set the heat setting for 10 seconds.	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.
	Pause operates.	Refer to "Daily use".
	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 or the sensor is damaged.	If the zone operated sufficiently long to be hot, speak to an Authorised Service Centre.
Automatic Heat Up does not operate.	The zone is hot.	Let the zone become sufficiently cool.
	The highest heat setting is set.	The highest heat setting has the same power as the function.

Problem	Possible cause	Remedy
You cannot activate the outer ring.		First, activate the inner ring by changing the heat setting.
 There is a dark area on the multiple zone.	It is normal that there is a dark area on the multiple zone.	
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 sound when you touch the panel sensor fields.	The sounds are deactivated.	Activate the sounds. Refer to "Daily use".
[L] comes on.	Child Safety Device or Lock operates.	Refer to "Daily use".
[E] and a number come on.	There is an error in the hob.	Deactivate the hob and activate it again after 30 seconds. If [E] comes on again, disconnect the hob from the electrical supply. After 30 seconds, connect the hob again. If the problem continues, speak to an Authorised Service Centre.
You can hear a constant beep noise.	The electrical connection is incorrect.	Disconnect the hob from the electrical supply. Ask a qualified electrician to check the installation.
[E6] comes on.	The second phase of the power supply is missing.	Check if the hob is correctly connected to the electrical supply. Remove the fuse, wait one minute, and insert the fuse again.

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.

9. TECHNICAL DATA

9.1 Rating plate

Model KT8421XE
Typ 60 HBD 68 AO

Ser.Nr. .....
ELECTROLUX

PNC 949 596 329 02
220 - 240 V 50 - 60 Hz
Made in Germany
2.8 kW

9.2 Cooking zones specification

Cooking zone	Nominal Power (Max heat setting) [W]	Cooking zone diameter [mm]
Left front	700 / 1700	120 / 180
Left rear	1200	145
Middle front	1050 / 1950 / 2700	145 / 210 / 270
Right front	1400 / 2200	170 / 265

For optimal cooking results use cookware no larger than the diameter of the cooking zone.

10. ENERGY EFFICIENCY

10.1 Product information according to EU 66/2014

Model identification		KT8421XE
Type of hob		Built-In Hob
Number of cooking zones		4
Heating technology		Radiant Heater
Diameter of circular cooking zones (Ø)	Left front Left rear Middle front	18.0 cm 14.5 cm 27.0 cm
Lenght (L) and width (W) of non circular cooking zone	Right front	L 26.5 cm W 17.0 cm
Energy consumption per cooking zone (EC electric cooking)	Left front Left rear Middle front Right front	191.6 Wh / kg 188.0 Wh / kg 184.8 Wh / kg 191.6 Wh / kg
Energy consumption of the hob (EC electric hob)		189.0 Wh / kg

EN 60350-2 - Household electric cooking appliances - Part 2: Hobs - Methods for measuring performance

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.
- The cookware bottom should have the same diameter as the cooking zone.
- 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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