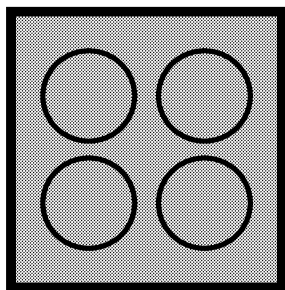


Built-in Hob

User manual



HIC 64402 T

EN

185.9102.97/R.AB/28.12.2016

5 How to use the hob

General information about cooking



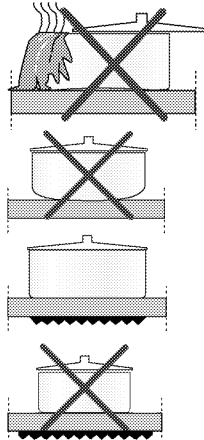
Never fill the pan with oil more than one third of it. Do not leave the hob unattended when heating oil. Overheated oils bring risk of fire. **Never attempt to extinguish a possible fire with water!** When oil catches fire, cover it with a fire blanket or damp cloth. Turn off the hob if it is safe to do so and call the fire department.

- Before frying foods, always dry them well and gently place into the hot oil. Ensure complete thawing of frozen foods before frying.
- Do not cover the vessel you use when heating oil.
- Place the pans and saucepans in a manner so that their handles are not over the hob to prevent heating of the handles. Do not place unbalanced and easily tilting vessels on the hob.
- Do not place empty vessels and saucepans on cooking zones that are switched on. They might get damaged.
- Operating a cooking zone without a vessel or saucepan on it will cause damage to the product. Turn off the cooking zones after the cooking is complete.
- As the surface of the product can be hot, do not put plastic and aluminum vessels on it. Clean any melted such materials on the surface immediately. Such vessels should not be used to keep foods either.
- Use flat bottomed saucepans or vessels only.
- Put appropriate amount of food in saucepans and pans. Thus, you will not have to make any unnecessary cleaning by preventing the dishes from overflowing. Do not put covers of saucepans or pans on cooking zones. Place the saucepans in a manner so that they are centered on the cooking zone. When you want to move the saucepan onto another cooking zone, lift and place it onto

the cooking zone you want instead of sliding it.

Tips about glass ceramic hobs

- Glass ceramic surface is heatproof and is not affected by big temperature differences.
- Do not use the glass ceramic surface as a place of storage or as a cutting board.
- Use only the saucepans and pans with machined bottoms. Sharp edges create scratches on the surface.
- Do not use aluminum vessels and saucepans. Aluminum damages the glass ceramic surface.

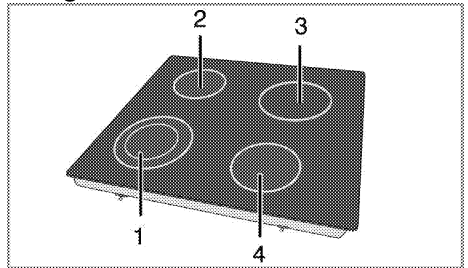


Spills may damage the glass ceramic surface and cause fire.

Do not use vessels with concave or convex bottoms.

Use only the saucepans and pans with flat bottoms. They ensure easier heat transfer. If the diameter of the saucepan is too small, energy will be wasted.

Using the hobs



List of advised diameter of pots to be used on related burners

- 1 Dual-circuit cooking plate 21-23/12-14 cm
- 2 Single-circuit cooking plate 14-16 cm
- 3 Single-circuit cooking plate 18-20 cm
- 4 Single-circuit cooking plate 16-18 cm



DANGER:

Do not allow any object to drop on the hob. Even small objects such as a saltshaker may damage the hob.

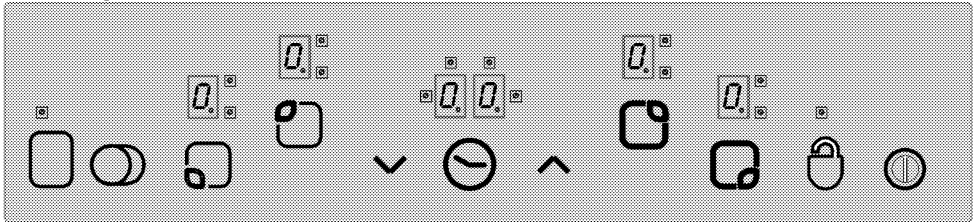
Do not use cracked hobs. Water may leak through these cracks and cause short circuit.

In case of any kind of damage on the surface (eg., visible cracks), switch off the product immediately to minimize the risk of electric shock.



Quick heating glass-ceramic hobs emit a bright light when they are switched on. Do not stare at the bright light.

Control panel



Specifications



Main key - ON/OFF key



Keylock



Temperature setting/Increasing timer



Temperature setting/Decreasing timer



** Dual/Triple cooking zone selection key



* Enable/disable timer



** Enable/disable cooking zone



Cooking zone selection controls



Cooking zone display (temperature setting 0 ... 9)



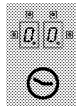
Dual/triple cooking zone operation LED (Cooking zone display)



* Timer display (there are 4 LEDs for 4 different cooking zones)



Always keep the control panels clean and dry. Humidity and dirt can cause problems in functions.



(*) If your hob is equipped with a timer.

**



If your hob is equipped with these functions



In models with a clock

Graphics and figures are for informational purposes only. Actual appearance or functions may vary.

Turning on the hob

Touch the "ON/OFF" key on control panel for 1 second. Cooking zone displays illuminate. The hob is ready for use now. You can select different cooking zones within the following 10 seconds. Other controls are not allowed to function when main key "ON/OFF" is being operated.

"ON/OFF" and all the relevant decimal points will flash in all cooking zone displays.

If no operation is performed within 10 seconds, the hob will automatically return to Standby mode.

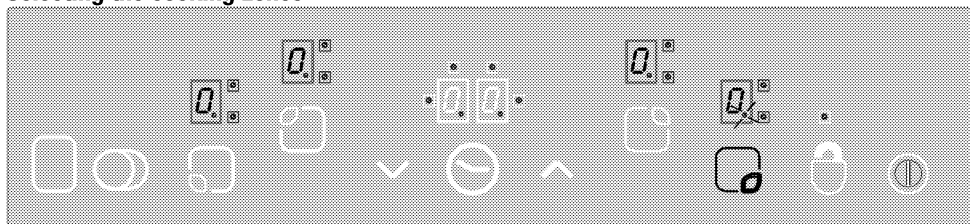


This unit is controlled over the touch control unit. Each operation you make on your touch control will be confirmed by an audible signal if your touch control unit is equipped with a timer.

If you press main key "⏻" for longer than 2 seconds, the hob will turn off and return to

Standby mode.

Selecting the cooking zones



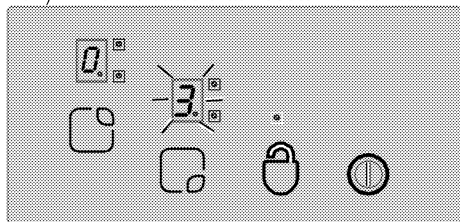
1. Turn on the hob.
2. Touch one of the cooking zone selection controls to turn on the desired cooking zone. After selecting the cooking zone of the hob, "0." decimal point will flash on the relevant cooking zone display.

If no operation is performed within 10 seconds, the hob will automatically return to Standby mode.

3. Touch "▲" or "▼" keys to set the temperature level to a value between "1" and "9" or between "9" and "1".

"▲" and "▼" keys are equipped with repeat function. If you touch any of these keys for a long time, temperature level will continuously increase or decrease at every 0,4 seconds.

If you start with "▲" key, "1" appears on display. If you start with "▼" key, set value appears on display (e.g., half second "A" and half second "9"). This indicates that Booster is activated.



Booster

This function facilitates cooking. When Booster is activated, the cooking will operate at maximum power for a certain period of time (see, Table-1). Booster time depends on the selected temperature level. This is indicated with an "A" and the set temperature value which flash alternately on cooking zone display (e.g., half second "A", half second "9") One the Booster

time is over, power of cooking zone will be reduced and the temperature value will be displayed continuously.

All cooking zones are equipped with Booster function.

Enabling the Booster function:

1. Turn on the hob.
2. Select the desired cooking zone by touching the cooking zone selection keys.
3. Use "▼" key to set the cooking zone temperature value to "9". Once the temperature setting is made, "9" and "A" will appear on the display alternately. This indicates that temperature value is set to "9" and Booster function is activated.
4. Then, use "▼" key within 10 seconds to select the temperature setting you want to be activated for the remainder of cooking process after the Booster time is over. Use "▲" or "▼" keys to set the cooking zone to a value between "1" or "9" (it is supposed that level 6 is selected for the example).
5. "A" and "6" appears alternately on the display during Booster function (at the end of Booster period, "6" will be displayed continuously).

Turning off the Booster function:

- Touch "▼" key until temperature level decreases "0" to disable the Booster function earlier.
- If "9" will be selected as temperature level that will be activated after Booster period and no other lower level is selected, then flashing of the screen will cease in 10 seconds. Booster is now deactivated.

Turn off the hob.

If you press main key "⏻" for longer than 2 seconds, the hob will turn off and return to Standby mode.

If there is residual temperature that can be used after the hob is turned off, this will be indicated with "H" symbol that appears on the relevant cooking zone display continuously.

Turning off cooking zones individually:

A cooking zone can be turned off in 3 different ways:

1. By touching "∧" and "∨" keys simultaneously.
2. By decreasing the temperature level to "0" with "∨" key.
3. By using the timer function (if any) for the relevant cooking zone

1.Touching "∧" and "∨" keys simultaneously

Select the desired cooking zone with cooking zone selection key "Q". Decimal point appears on "Q" cooking zone display. Touch "∧" and "∨" keys simultaneously to turn off the cooking zone.

2. Decreasing the temperature level of the desired cooking zone to "0" with "∨" key

Furthermore, cooking zone can also be turned off by decreasing the temperature level to "0".

3. Using the timer off function (if any) for the relevant cooking zone

When the time is over, the timer will turn off the cooking zone assigned to it. "0" and "00" will appear on all displays. Dual/triplet cooking zone and the LEDs connected to the timer will be deactivated.

Furthermore, when the time is over, an audible alarm will sound. Touch any key on the touch control panel to silence the audible alarm.

Turning on Dual/Triplet cooking zones**

Turning on the dual cooking zone:

Select the desired cooking zone equipped with dual zone. Decimal point of the relevant cooking zone must start to flash.

Set the temperature level to a value between 1 and 9 and touch "○" key to activate the dual zone of the cooking zone.

"E" LED of the relevant dual zone will also flash continuously. "○" Status of the dual cooking zone will change when you touch the key for a second time: dual cooking zone will switch between on and off statuses.

Expansion zone will only be activated if the main zone of the cooking zone is set to a temperature level between "1" and "9".

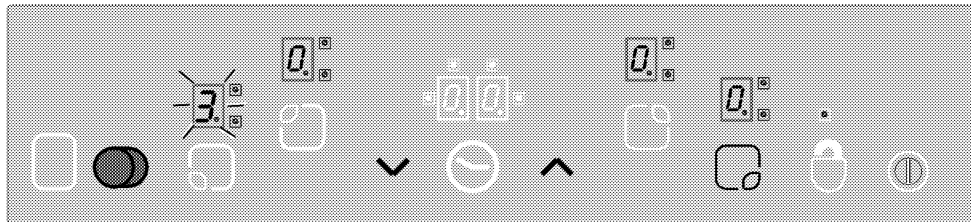
Turning on the triplet cooking zone:

Select the desired cooking zone equipped with triplet zone. Decimal point of the relevant cooking zone must start to flash. Set the temperature level to a value between 1 and 9 and touch "○" key to activate the dual zone of the cooking zone.

"E" LED of the relevant dual zone will also light up continuously. If you touch "○" key again, "E" LED of the triplet zone flashes and triplet cooking zone is activated.

When you touch "○" key once again triplet zone of the cooking zone turns off again.

Above operation will always change the status of the double/triplet cooking zones.



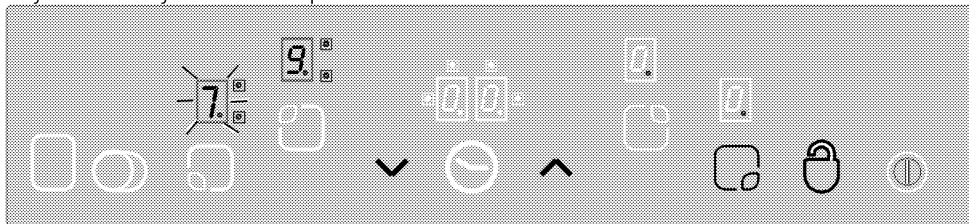
Enabling the double and triplet zones by touching the "○" key of the selected cooking zone.

Keylock ** (in models with clock)

Touch the "⏻" key for longer than 2 seconds to lock the touch control. Operation will be

confirmed with an audible signal. Then, "🔒" LED will flash and all cooking zones will be locked. Cooking zones, can only be locked in the operation mode. If the cooking zones are locked: only the main key "🔑" can be operated. "🔒"

LED will flash and indicate a key lock module. If you turn the hob off when the keys are locked, the keylock will be activated next time you turn the hob on again. Key lock must be deactivated in order to be able to operate the hob.



"🔒" key will allow you to lock or unlock the touch control in operation mode.

Touch "🔒" key for 2 seconds to unlock the cooking zones. Operation will be confirmed with an audible signal.

Then, "🔒" LED turns off. Now the touch control is unlocked and can be operated normally.

Child Lock

You can protect the hob against being operated unintentionally in order to prevent children from turning on the cooking zone. Child Lock function contains a few complex steps to lock the touch control unit. Child Lock can only be activated and deactivated in Standby mode.

Locking the module:

1. Touch main key "🔑" to turn on the hob.
2. Touch "⬆️" and "⬆️" keys simultaneously for at least 2 seconds.
3. Then, touch "⬆️" key once again.

» Child Lock function is activated and "🔒" appears on all cooking zone displays.

Disabling the Child Lock:

You can disable the child lock as you have activated it.

1. Touch main key "🔑" to turn on the hob.
2. Touch "⬆️" and "⬆️" keys simultaneously for at least 2 seconds.
3. Then, touch "⬆️" key once again.

» "🔒" appears on all cooking zone displays as long as the Child lock is activated. "🔒" will disappear when the lock is deactivated successfully.

Timer function *

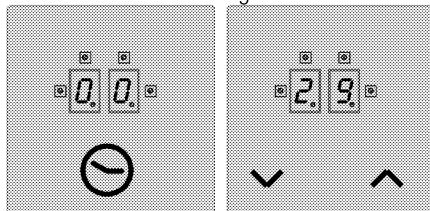
This feature facilitates cooking for you. You will not have to attend the hob continuously during the cooking process and the cooking zone will turn off automatically at the end of the time you have selected.

Timer provides following features: Touch control can command to maximum 4 cooking zone timers and one alarm cooking timer assigned at the same time. All timers can only be used in operation mode.

Timer as an alarm

Alarm timer operates independently from other cooking zones. Therefore, it is not important whether a cooking zone is selected or not.

1. Touch "🕒" key to enable the alarm timer. "00" and "🕒" will appear on the timer display and a dot will appear on the lower right side. Thus, alarm timer is activated.
2. Then, set the desired time value by touching "⬆️" and "⬆️" keys.
3. Timer will start to countdown after you have made the time setting.



» When the time is over, an audible alarm will sound. Touch any key on the touch control panel to silence the audible alarm.

Cooking zone timer:

The cooking zone timers can only be set for the cooking zones that are activated.

1. First turn on the hob and then enable the desired cooking zone. (cooking zone must be set to a value between 1 and 9)
2. As in the alarm timer, enable the cooking zone timer by touching "⊖" key. "00" and "⊖" will appear on the timer display and a dot will appear on the lower right side. Thus, cooking zone timer is activated.
3. You must touch "⊖" key for a second time in order to enable cooking zone timer. Now you can assign the timer.
4. Set the desired time value by touching "∧" and "∨" keys.

To set the hob timers:

1. After enabling the first cooking zone timer, touch the "⊖" key again. The control will turn clockwise towards the next active cooking zone assigned to the timer. Assignment proposal will be shown with a flashing "⊖" LED.
2. Set the desired time value by touching "∧" and "∨" keys.

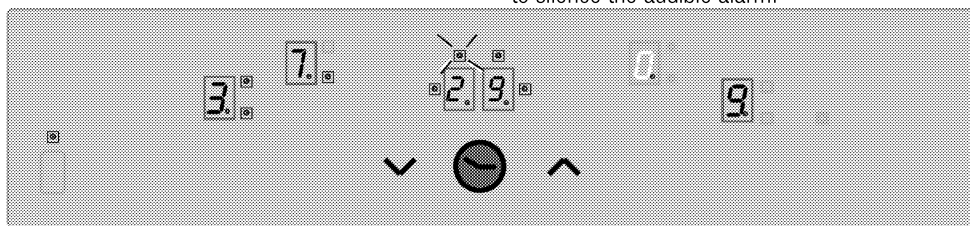
3. Timer activated for the cooking zone which was set first is indicated with a continuously flashing "⊖" LED.
 - More timers can be assigned for other active cooking zones by touching the "⊖" key once again.
 - After 10 seconds, timer display reverts back to the timer that will end first.
 - "⊖" LEDs that illuminate continuously on the timer display indicate the timer that is currently counting down.
 - You can display the values set for cooking zone timers and egg timer by changing the position of "⊖" key. A flashing front right "⊖" LED always shows an assignment. If no LED is flashing, value of the egg timer will be displayed on the timer screen.

Disabling the timers:

First you must display the timer by changing the position of the "⊖" key until the timer appears. This value can later be cancelled in 2 different ways:

- By decreasing the value step by step to "00" by touching "∨" key.
- By touching "∧" and "∨" keys simultaneously for half second until "00" appears on timer display.

When the time is over, an audible alarm will sound. Touch any key on the touch control panel to silence the audible alarm.



Display the remaining time value of the cooking zone timer 3 (indicator LED flashes) to the timer display (the indicator LEDs of the active timers of the cooking zones 1 and 4 in fact will not be visible on the timer display).

Keep warm function (if any)

Keep Warm function of the cooking zone helps to keep the food warm by selecting an additional

temperature level between 0 and 1. Touch "□" key to activate the Keep Warm function. Then, "□" LED flashes. Touch "□" key again to disable the cooking zone.

Operation time constraints

The hob control is equipped with an operation time limit. When one or more cooking zones are left on unintentionally, the cooking zone will automatically be deactivated after a certain

period of time. (see, Table-1). Operation time limit depends on the selected temperature setting. If there is a timer assigned for the cooking zone, "00" appears on the timer display for 10 seconds (10 seconds later, residual heat indicator turns on).

Table-1: Temperature setting parameters; Cycle time 47.0 seconds

Temperature setting	OFF Time - seconds	ON Time - seconds	Operation time limit - hour	Booster time - seconds
0	0	0	0	-
1	45,6	1,4	6	60
2	43,6	3,4	6	180
3	41,3	5,7	5	288
4	38,4	8,6	5	390
5	35,9	11,1	4	510
6	33,1	13,9	1,5	150
7	26,2	20,8	1,5	210
8	19,2	27,8	1,5	270
9	0	47,0	1,5	-

Residual Heat Functions

For a deactivated cooking zone whose surface temperature is sensed to be above 60°C or whose display indicates a value above 60°C, a "H" (residual heat) symbol appears on the display. When residual heat falls below 60°C, "0" appears on the display.

When power restores after a power failure and if the residual heat of the relevant cooking zone was above 60°C before the failure, residual heat display flashes. Display continues to flash until the maximum residual heat time is over or the cooking zone is selected and enabled.

Sensor Calibration and Error Messages

When the supply power is applied, hob control system performs calibration depending on the sensor, glass and ambient conditions. Do not cover the glass part of the sensor with anything during calibration. Hob control system should also not be exposed to strong light sources such as sun light, strong halogen lamps and etc.

Then, timer display is turned off.

After disabling the cooking zone automatically as described above, it becomes operational again and maximum operation time is applied for this temperature setting.

Table-2:Error codes and error sources

Cause of error	Display
Ambient light is too high	F1
Fluorescent lamp	F2
Sensor is covered with a bright substance	F3
Ambient light is fluctuating strongly	F4

Sample application:

Following lightning conditions will allow a smooth calibration:

Illumination with a bulb without a reflector (100W, dull) 70 cm above the glass ceramic hob. After a successful calibration, it is warranted that the hob will operate as intended even under a strong illumination such as halogen spot lamp wit reflector (50 W).

If an error occurs, calibration is repeated until the ambient conditions allow for a successful calibration. Hob control system can only be operated when the calibration of all sensors are successful.

You must remove all substances on the hob during calibration. Also the ambient illumination should not be too strong during calibration. If one of the F1, F2 or F4 messages is obtained, user must turn off all light sources or close the

window during the calibration process at first connection to the supply power. When the calibration is completed successfully, control system can tolerate high amount of ambient light. Hob control system adopts and recalibrates itself according to the changes in ambient conditions while it is in use.



Touch control is equipped with a sensor ensuring protection against overheating. Relevant cooking zone will be deactivated when reacting to this sensor. To obtain more information about the error messages, please see the table.
If a key is activated repeatedly (for longer than 10 seconds), all control system is deactivated and audio signal is given.

6 Maintenance and care

General information

Service life of the product will extend and the possibility of problems will decrease if the product is cleaned at regular intervals.



DANGER:

Disconnect the product from mains supply before starting maintenance and cleaning works.

There is the risk of electric shock!



DANGER:

Allow the product to cool down before you clean it.

Hot surfaces may cause burns!

- Clean the product thoroughly after each use. In this way it will be possible to remove cooking residues more easily, thus avoiding these from burning the next time the appliance is used.
- No special cleaning agents are required for cleaning the product. Use warm water with washing liquid, a soft cloth or sponge to clean the product and wipe it with a dry cloth.
- Always ensure any excess liquid is thoroughly wiped off after cleaning and any spillage is immediately wiped dry.
- Do not use cleaning agents that contain acid or chloride to clean the stainless or inox surfaces and the handle. Use a soft cloth with a liquid detergent (not abrasive) to wipe those parts clean, paying attention to sweep in one direction.



The surface might get damaged by some detergents or cleaning materials.

Do not use aggressive detergents, cleaning powders/creams or any sharp objects during cleaning.

Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass.



Do not use steam cleaners to clean the appliance as this may cause an electric shock.

Cleaning the hob

Glass ceramic surfaces

Wipe the glass ceramic surface using a piece of cloth dampened with cold water in a manner as not to leave any cleaning agent on it. Dry with a soft and dry cloth. Residues may cause damage on the glass ceramic surface when using the hob for the next time.

Dried residues on the glass ceramic surface should under no circumstances be scraped with hook blades, steel wool or similar tools.

Remove calcium stains (yellow stains) by a small amount of lime remover such as vinegar or lemon juice. You can also use suitable commercially available products.

If the surface is heavily soiled, apply the cleaning agent on a sponge and wait until it is absorbed well. Then, clean the surface of the hob with a damp cloth.



Sugar-based foods such as thick cream and syrup must be cleaned promptly without waiting the surface to cool down. Otherwise, glass ceramic surface may be damaged permanently.

Slight color fading may occur on coatings or other surfaces in time. This will not affect operation of the product.

Color fading and stains on the glass ceramic surface is a normal condition, and not a defect.

7 Troubleshooting

Product emits metal noises while heating and cooling.

- When the metal parts are heated, they may expand and cause noise. >>> *This is not a fault.*

Product does not operate.

- The mains fuse is defective or has tripped. >>> *Check fuses in the fuse box. If necessary, replace or reset them.*
- Product is not plugged into the (grounded) socket. >>> *Check the plug connection.*
- If the display does not light up when you switch the hob on again. >>> *Disconnect the appliance at the circuit breaker. Wait 20 seconds and then reconnect it.*



Consult the Authorised Service Agent or technician with licence or the dealer where you have purchased the product if you can not remedy the trouble although you have implemented the instructions in this section. Never attempt to repair a defective product yourself.