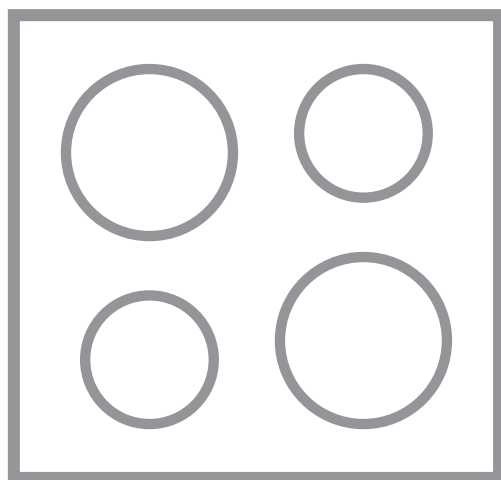


USER MANUAL



Welcome to AEG! Thank you for choosing our appliance.



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Get usage advice, brochures, trouble shooter, service and repair information at aeg.com/support

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 damage that are the result of incorrect installation or usage. Always keep the instructions in a safe and accessible location for future reference.

- 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 product in a safe way and understand the hazards involved. Children of less than 8 years of age and persons with very extensive and complex disabilities shall be kept away from the appliance unless continuously supervised.
- Children should be supervised to ensure that they do not play with the appliance.
- Keep all packaging away from children and dispose of it appropriately.
- CAUTION: Keep children and pets away from the appliance when it operates or when it cools down. Accessible parts become 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.
- This appliance is for household use only. Do not change the specification of this appliance.

- CAUTION: The cooking process has to be continuously supervised. A short term cooking process has to be supervised continuously.
- WARNING: The appliance and its accessible parts become hot during use. Care should be taken to avoid touching heating elements.
- WARNING: Unattended cooking on a hob with fat or oil can be dangerous and may result in fire.
- WARNING: Danger of fire: Do not use the appliance as a work surface or as a storage surface.
- 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.
- WARNING: 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.
- 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 appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by a utility.
- If the supply cord is damaged, it must be replaced by the manufacturer, the Authorised Service Centre or similarly qualified persons in order to avoid a hazard.
- Do not place metallic objects such as knives, forks, spoons and lids on the cooking surface since they can get hot.
- Do not put flammable products or items that are wet with flammable products in, near or on the appliance.
- After use, switch off the hob element by its control and do not rely on the pan detector.

- Do not use steam cleaner and water spray to clean the appliance.

2. SAFETY INSTRUCTIONS

2.1 Installation and Electrical Connection



WARNING!

Only a qualified person must install and connect this appliance.



WARNING!

Risk of injury, electric shock, fire or damage to the appliance.

Follow the installation instructions supplied with the appliance. Install the appliance in a safe and suitable place that meets installation requirements.

Do not use the appliance before installing it in the built-in structure.

Keep the minimum distance from other appliances and units.

Do not install or use a damaged appliance.

Remove all the packaging.

Always take care when moving the appliance as it is heavy. Always use safety gloves and enclosed footwear.

Protect the bottom of the appliance from steam and moisture. Seal the cut surfaces with a sealant to prevent moisture from causing swelling.

Do not install the appliance next to a door or under a window. This prevents hot cookware from falling from the appliance when the door or the window is opened.

The appliance has cooling fans on the bottom.

If the appliance is installed above a drawer:

- Do not store small pieces or sheets of paper that could be pulled in, to avoid risk of damage the cooling fans or impair the cooling system.
- Keep a distance of minimum 2 cm between the bottom of the appliance and parts stored in the drawer.

Remove any separator panels installed in the cabinet below the appliance.

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.

The appliance must be earthed. Make sure that a shock protection is installed.

Use the correct electricity mains cable. Use the strain relief clamp on the cable.

Do not use multi-plug adapters and extension cables.

Make sure not to cause damage to the mains plug or cable. Do not let the electricity mains cable tangle.

Make sure the mains cable or plug (if applicable) does not touch the hot appliance or hot cookware, when you connect the appliance to a socket nearby.

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.

The shock protection of live and insulated parts must be fastened in such a way that it cannot be removed without tools.

Do not pull the mains cable to disconnect the appliance, always pull the mains plug. If the mains socket is loose, do not connect 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.

2.2 Use and Maintenance



WARNING!

Risk of injury, burns, electric shock, fire, explosion or damage to the appliance.

This appliance is for cooking purposes only. It must not be used for other purposes.

Remove all the packaging, labelling and protective film (if applicable) before first use.

Make sure that the ventilation openings are not blocked.

Do not operate the appliance with wet hands or when it has contact with water.

Users with a pacemaker must keep a distance of minimum 30 cm from the induction cooking zones when the appliance operates.

When you place food into hot oil, it may splash.

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 activate the cooking zones with empty cookware or without cookware.

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 boil dry.

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.

Clean the appliance regularly to prevent the deterioration of the surface material.

Deactivate the appliance and let it cool down before cleaning.

Clean the appliance with a moist soft cloth. Use only neutral detergents. Do not use abrasive products, abrasive cleaning pads, solvents or metal objects.

Concerning the lamp(s) inside this product and spare part lamps sold separately: These lamps are intended to withstand extreme physical conditions in household appliances, such as temperature, vibration, humidity, or are intended to signal information about the operational status of the appliance. They are not intended to be used in other applications and are not suitable for household room illumination.

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

2.3 Disposal



WARNING!

Risk of injury or suffocation.

Contact your municipal authority for information on how to dispose of the appliance.

Disconnect the appliance from the mains supply.

Cut off the mains electrical cable close to the appliance and dispose of it.

3. INSTALLATION

3.1 Before the installation

Before you install the hob, write down the information below from the rating plate. The rating plate is on the bottom of the hob.

Serial number

3.2 Built-in hobs

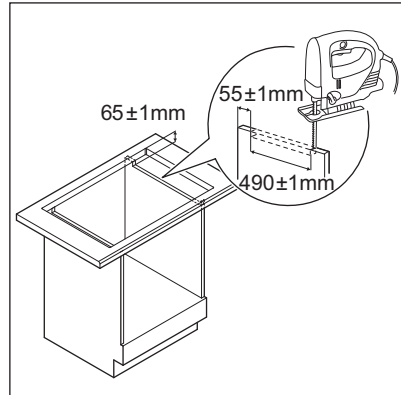
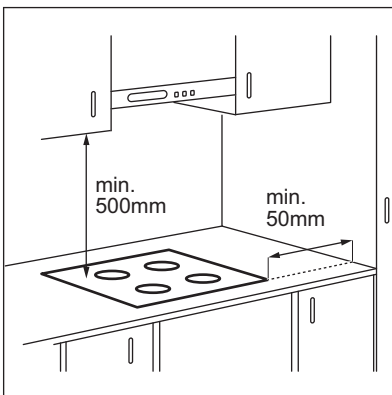
Only use the built-in hobs after you assemble the hob into correct built-in units and work surfaces that align to the standards.

3.3 Connection cable

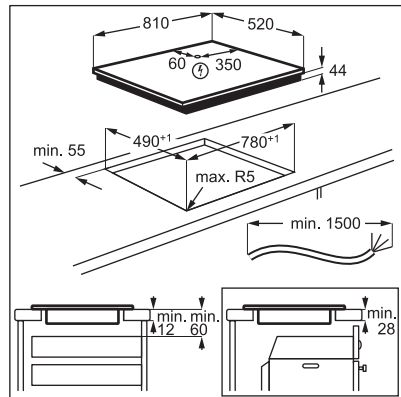
- For a single phase or two phase connection, use the cable type: H05BB-F or H03V2V2-F which withstands a temperature of 90 °C or higher.
- To replace the damaged mains cable, use the cable: H05BB-F or H03V2V2-F which withstands a temperature of 90 °C or higher. Contact an Authorised Service Centre. The connection cable may only be replaced by a qualified electrician.

3.4 Assembly

If you install the hob under a hood, please see the installation instructions of the hood for the minimum distance between the appliances.



If the appliance is installed above a drawer, the hob ventilation can warm up the items stored in the drawer during the cooking process.



Find the video tutorial "How to install your AEG Induction Hob - Worktop installation" by typing out the full name indicated in the graphic below.



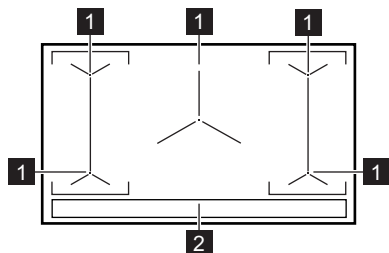
www.youtube.com/electrolux
www.youtube.com/aeg

How to install your AEG
Induction Hob - Worktop installation



4. PRODUCT DESCRIPTION

4.1 Cooking surface layout



1 Induction cooking surface

2 Control panel

4.2 Symbols on the control panel and the display

Symbol	Description
	To activate and deactivate the hob.
	To lock / unlock the control panel.
	To show the active zone.
	To select Timer functions.
	To increase and decrease the time.
	Bridge. To connect two cooking zones so that they operate as one.
	Pause. To set all cooking zones that operate to the lowest heat setting.
	PowerBoost. To activate and deactivate the maximum heat setting.
	Hob ² Hood. To connect the hob to a special hood.
	CountUp Timer indicator.
	Count Down Timer indicator.
	OptiHeat Control: continue cooking / keep warm / residual heat. A cooking zone is still hot.
	There is a malfunction.



For detailed information on the functions refer to the full version of user manual online.

5. DAILY USE

5.1 Activating and deactivating

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

The control panel comes on after you activate the hob and goes off after you deactivate the hob.

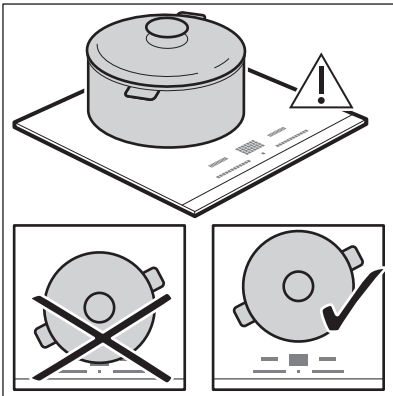
When the hob is deactivated you can only see ①.

5.2 Using the cooking zone



CAUTION!

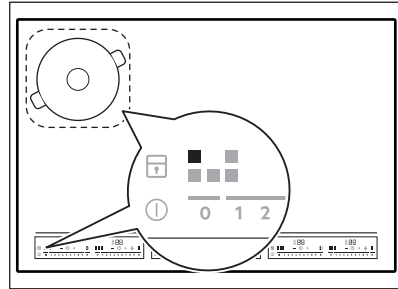
Do not place hot cookware on the control panel. There is a risk of damage to the electronic parts.



Place the cookware in the centre of the selected zone.

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

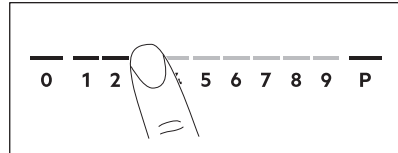
When you place the cookware in the correct position, the hob recognizes it and the appropriate control bar comes on. A red cooking zone indicator appears above the control bar and indicates the position of the pot.



Each square on the control panel represents one cooking zone on the induction cooking surface. Zone indicators show which cooking zone is controlled by the appropriate control bar.

5.3 Heat setting

Touch the control bar at the desired heat setting or move your finger along the control bar to set or change the heat setting for a cooking zone.




Once you place a pot on the cooking zone and set the heat setting, it remains the same for 2 minutes after you remove the pot. The control bar and the cooking zone indicator blink for 2 minutes. If you place the pot on the cooking zone again within this time, the heat setting reactivates. Otherwise the cooking zone deactivates.






5.4 Timer

Count Down Timer



Use this function to specify how long a cooking zone should operate during a single cooking session.





First set the heat setting, then set the function.



1. Touch  to activate the function or change the time.







The timer digits  and the indicators  and  come on the display.  turns red, and  turns white.

If the timer is not set, all indicators disappear after 4 seconds.

2. Touch  or  to set the time (00 - 99 minutes).


After 3 seconds, the timer starts to count down automatically. The indicators , , and  disappear.  stays red.


When the time comes to an end, a signal sounds and  flashes. To stop the signal, touch .



To deactivate the function: touch . The indicators  and  come on. Use  or  to set  on the display. Alternatively, set the heat level to 0. As a result, a signal sounds and the timer is cancelled.

CountUp Timer

You can use this function to monitor how long a cooking zone operates.

Touch  twice to activate the function.



The indicator  turns red, the timer starts to count up automatically.







To deactivate the function: touch . When the indicators light up, touch .

Minute Minder



You can use this function when the hob is activated but no cooking zone operates.







To see the control panel, place a pot on a cooking zone.

1. Touch , until the indicator  turns red, to activate the function.

2. Touch  or  to set the time. The function starts automatically after 4 seconds. The indicators , , and  disappear.  stays red.

When you set the function, you can remove the pot.

When the time comes to an end, a signal sounds and  flashes. Touch  to stop the signal.

To deactivate the function: touch . The indicators  and  light up. Use  or  to set  on the display.



The function has no effect on the operation of any cooking zone.

6. CARE AND CLEANING

6.1 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.

6.2 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.

7. TROUBLESHOOTING

7.1 What to do if...



If you cannot find a solution to the problem below, check the full version of user manual online or contact an Authorised Service Centre, if necessary.


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.
	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 touched 2 or more sensor fields at the same time.	Touch only one sensor field.
An acoustic signal sounds and the hob deactivates. An acoustic signal sounds when the hob is deactivated.	There is water or fat stains on the control panel.	Clean the control panel.
	You put something on one or more sensor fields.	Remove the object from the sensor fields.
Hob ² Hood does not work.	You covered the control panel.	Remove the object from the control panel.
	You use a very tall pot which blocks the signal.	Use a smaller pot, change the cooking zone or operate the hood manually.
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.
The heat setting changes between two levels or you cannot select the maximum heat setting for one of the cooking zones.	Power management operates. The other zones consume the maximum available power. Your hob works properly.	Reduce the heat setting of the other cooking zones connected to the same phase. Refer to "Power management" in the full version of user manual online.
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.
The control bar blinks.	There is no cookware on the zone or the zone is not fully covered.	Put cookware on the zone so that it fully covers the cooking zone.
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.

Problem	Possible cause	Remedy
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.

8. TECHNICAL DATA

8.1 Rating plate

Model IKE85651FB
 Typ 61 D5A 04 AA
 Induction 7.35 kW
 Ser.Nr.
 AEG

PNC 949 597 862 00
 220 - 240 V / 400 V 2N 50 - 60 Hz
 Made in Germany
 7.35 kW


8.2 Cooking zones specification

Cooking zone	Nominal power (maximum heat setting) [W]	PowerBoost [W]	PowerBoost maximum duration [min]	Cookware diameter [mm]
Left front	2300	3200	10	125 - 210
Left rear	2300	3200	10	125 - 210
Middle front	2300	3200	10	205 - 240
Right front	2300	3200	10	125 - 210
Right rear	2300	3200	10	125 - 210

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 no larger than the diameter in the table.

9. ENERGY EFFICIENCY

9.1 Product information*

Model identification	IKE85651FB
Type of hob	Built-In Hob
Number of cooking areas	2
Number of cooking zones	1
Heating technology	Induction

Diameter of circular cooking zones (Ø)	Middle front	24.0 cm
Energy consumption per cooking zone (EC electric cooking)	Middle front	190.6 Wh / kg
Lenght (L) and width (W) of the cooking area	Left	L 37.9 cm W 22.0 cm
Lenght (L) and width (W) of the cooking area	Right	L 37.9 cm W 22.0 cm
Energy consumption of the cooking area (EC electric cooking)	Left	186.8 Wh / kg
Energy consumption of the cooking area (EC electric cooking)	Right	186.8 Wh / kg
Energy consumption of the hob (EC electric hob)		187.3 Wh / kg

* For European Union according to EU 66/2014. For Belarus according to STB 2477-2017, Annex A. For Ukraine according to 742/2019.


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


9.2 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.

10. 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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