

## AEG HK654070FB

# AEG HK654070FB Built-in Self-Sufficient Cooking Hob Instruction Manual

Model: HK654070FB | Brand: AEG

## 1. SAFETY INFORMATION

Please read these instructions carefully before installing and using the appliance. Keep this manual for future reference. The manufacturer is not responsible for any injury or damage resulting from incorrect installation or use.

### General Safety Guidelines

- This appliance is intended for domestic use only.
- Ensure the appliance is disconnected from the power supply before any maintenance or cleaning.
- Children aged 8 years and above, and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge can use this appliance if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Do not operate the appliance with wet hands or when it has contact with water.
- Always use appropriate cookware for the cooking zones.
- **Caution:** 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. 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.

## 2. SETUP AND INSTALLATION

This section provides guidelines for the proper installation of your AEG HK654070FB cooking hob. Installation should be performed by a qualified professional in accordance with local regulations and safety standards.

### Installation Dimensions

Ensure the countertop opening meets the following specifications for a secure and safe fit.

- Device dimensions (Height x Width x Depth): 3.8 cm x 62.0 cm x 52.0 cm
- Installation dimensions (Height x Width x Depth): 3.8 cm x 56.0 cm x 49.0 cm
- Cutting dimensions (Width x Depth): 56.0 cm x 49.0 cm
- Minimum clearance below the hob: 12 mm (for drawers) or 30 mm (for ovens).



**Image Description:** A technical diagram illustrating the required cutout dimensions for installing the AEG HK654070FB hob into a countertop. It shows the overall hob dimensions (620mm width, 520mm depth, 38mm height) and the necessary countertop cutout dimensions (560mm width, 490mm depth). Minimum clearances for installation above drawers (min. 12mm) and ovens (min. 30mm) are also indicated, ensuring proper ventilation and safety.

### Electrical Connection

The appliance must be connected to the mains supply by a qualified electrician. Ensure the voltage and frequency of your electrical supply match the ratings on the appliance's rating plate.

- Connected load: 7100 Watt
- Voltage: 220 - 240 Volt
- Cable length: 1.5 meters

### 3. OPERATING INSTRUCTIONS

This section details how to use your AEG HK654070FB cooking hob effectively for various cooking tasks.

#### Control Panel Overview



**Image Description:** An overhead view of the black AEG HK654070FB glass ceramic cooking hob. It features four radiant cooking zones of varying sizes, including a multi-circuit zone on the front left and an oval casserole zone on the rear right. The touch control panel is located at the front, displaying power levels, timers, and function indicators in red LED.

The hob features a Slider Touch control panel for precise and quick adjustments of heat settings.

#### Activating and Adjusting Cooking Zones

- **Direct-Control:** To activate a cooking zone, simply touch the corresponding control area. Use the dedicated slider or the '+' and '-' buttons for each zone to select the desired heat level from 1 to 14.



**Image Description:** A close-up view of the AEG hob's touch control panel. A finger is shown interacting with the "Direct-Control" slider, which allows for direct selection of power levels (0-14 P) for the cooking zones. Red LED numbers indicate the selected power level, demonstrating the ease of adjustment.

- The hob is equipped with 4 quick-heat radiant cooking zones.
- **Multi-circuit Cooking Zone:** The front left zone is a multi-circuit zone, allowing you to activate different heating elements to match various pot and pan sizes, optimizing energy use.



## Mehrkreis-Kochzone

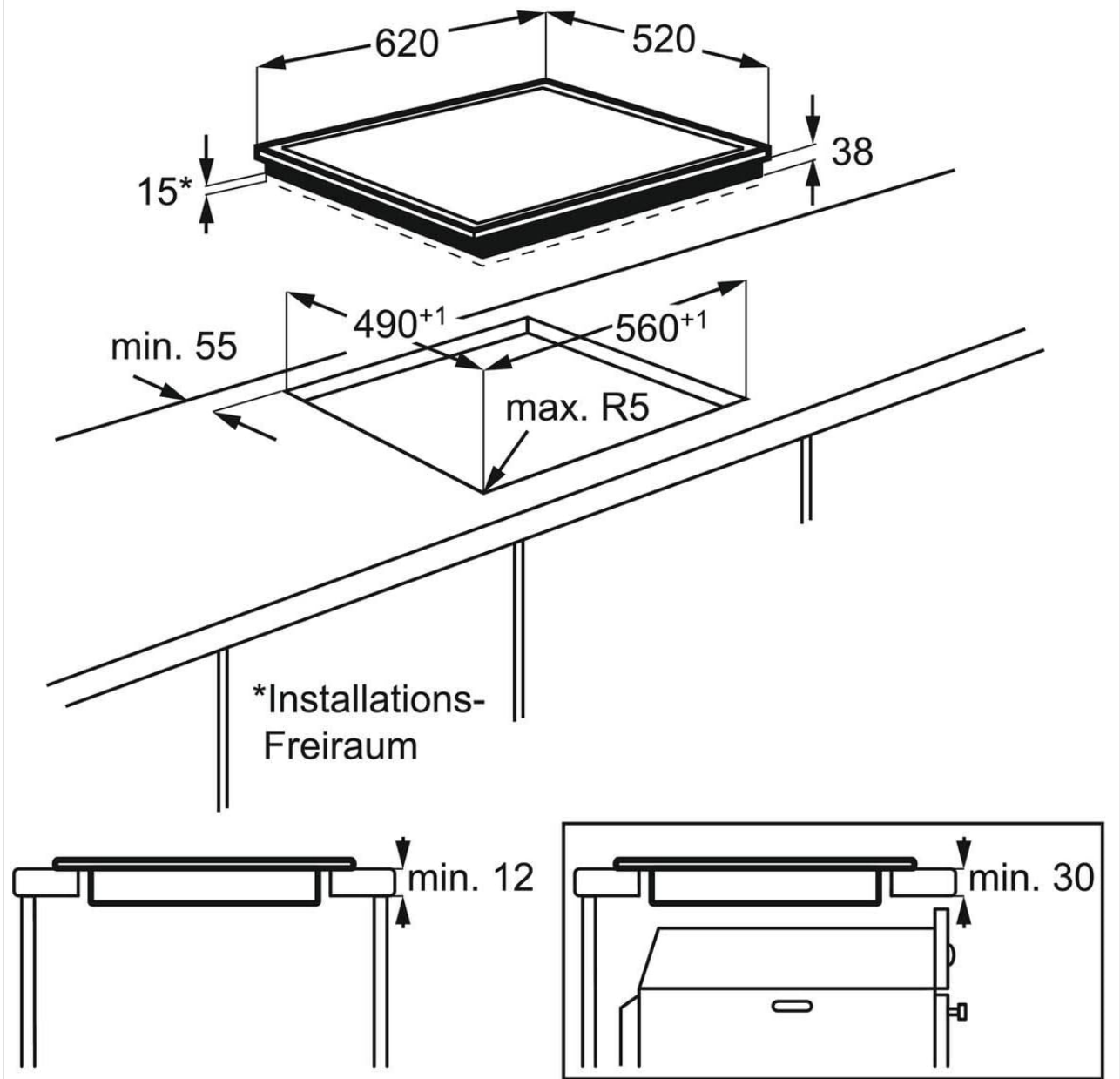
Optimal für unterschiedliche Topf- und Pfannengrößen. Spart Energie.

**Image Description:** A close-up of the AEG hob showing a pot on the front-left multi-circuit cooking zone, which is illuminated in red to indicate it's active. The control panel is visible, displaying power settings. This image highlights the flexibility of the multi-circuit zone for different cookware sizes, promoting energy efficiency.

- **Casserole Zone:** The right rear zone is an oval casserole zone, ideal for larger or elongated cookware.

### Special Functions

- **Stop and Go Function:** Press the "Stop+Go" button to temporarily pause cooking. All active zones will switch to a low keep-warm setting. Press it again to resume cooking at the previously set power levels.



**Image Description:** A close-up of the AEG hob's control panel, focusing on the "STOP + GO" button and its associated display. The text explains that this function allows pausing cooking to keep food warm and then resuming at the original heat setting, offering convenience during cooking.

- **CountUp Timer:** Use the integrated timer to monitor the cooking duration for each cooking zone independently. This feature allows you to track how long a dish has been cooking.



**Image Description:** A close-up of the AEG hob's control panel, highlighting the "CountUp Timer" function. The display shows a timer counting up, and the accompanying text explains that this integrated timer can be used to set or read the cooking duration for each zone, aiding in precise cooking.

- **Eco-Timer:** This function assists in optimizing energy consumption by automatically switching off the cooking zone before the set cooking time ends, utilizing residual heat.
- **OptiHeat Control:** A 3-stage residual heat indicator (H/h/.) shows if the cooking zone is hot, warm, or cooling down. This feature helps prevent burns and allows for efficient utilization of residual heat for warming food.
- **Childlock:** Activate the childlock feature to prevent accidental operation or changes to settings, ensuring safety in households with children.





## Kindersicherung

Die Verriegelungsfunktion sperrt das Bedienfeld und verhindert so ungewolltes Verstellen.

**Image Description:** A close-up of the AEG hob's control panel, showing the childlock icon (a padlock) illuminated. The text explains that this locking function prevents unintended adjustments to the hob settings, enhancing safety.

- **Power-dependent automatic shutdown:** The hob will automatically switch off if left unattended for an extended period, with the duration depending on the selected power level. This is a safety feature to prevent overheating and energy waste.

## 4. MAINTENANCE AND CLEANING

Regular cleaning and maintenance ensure the longevity, optimal performance, and hygienic operation of your hob.

### Cleaning the Glass Ceramic Surface

- Always clean the hob after each use once it has cooled down to prevent food residues from baking onto the surface.
- Use a soft cloth or sponge with a non-abrasive cleaning agent specifically designed for glass ceramic hobs.



- For stubborn stains or burnt-on food, use a specialized hob scraper, holding it at a sharp angle (approximately 45 degrees) to the surface to avoid scratching.
- Wipe the surface dry with a clean, soft cloth to prevent water marks and streaks.
- Do not use abrasive cleaners, scouring pads, oven sprays, or harsh chemicals as they can permanently damage the glass ceramic surface.

## 5. TROUBLESHOOTING

If you encounter issues with your hob, refer to the following table for common problems and their potential solutions before contacting service.

Problem	Possible Cause	Solution
Hob does not switch on or respond.	No power supply; Childlock activated; Control panel wet.	Check circuit breaker and power connection; Deactivate childlock; Dry the control panel thoroughly.
Cooking zone does not heat up or heats slowly.	Incorrect power level selected; Cookware not suitable or too small for the zone.	Increase power level; Use flat-bottomed cookware that covers the cooking zone adequately.
Display shows "F" or other error code.	Internal fault; Overheating; Sensor malfunction.	Switch off the hob at the mains, wait a few minutes, then switch on again. If the error persists, contact authorized service.
Hob switches off automatically during use.	Power-dependent automatic shutdown activated (safety feature); Overheating due to prolonged high heat or blocked ventilation.	This is a safety feature. Reduce cooking time or power level. Ensure proper ventilation around and under the hob. Allow the hob to cool down before resuming use.

## 6. TECHNICAL SPECIFICATIONS

Detailed technical data for the AEG HK654070FB cooking hob, providing essential information for installation and operation.

- **Model:** HK654070FB
- **Type:** Built-in self-sufficient cooking hob
- **Hob Type:** Radiant radiator
- **Installation:** Overlying
- **Operating Mode:** Slider Touch
- **Device Dimensions (H x W x D):** 3.8 cm x 62.0 cm x 52.0 cm (approx. 1.5 x 24.4 x 20.5 inches)
- **Installation Dimensions (H x W x D):** 3.8 cm x 56.0 cm x 49.0 cm (approx. 1.5 x 22.0 x 19.3 inches)

- **Cutting Dimensions (W x D):** 56.0 cm x 49.0 cm (approx. 22.0 x 19.3 inches)
- **Number of Cooking Zones:** 4
- **Cooking Zone Front Left (Power/Diameter):** 0.8 / 1.6 / 2.3 kW / 12.0 / 17.5 / 21.0 cm (Multi-circuit)
- **Cooking Zone Rear Left (Power/Diameter):** 1.2 kW / 14.5 cm
- **Cooking Zone Front Right (Power/Diameter):** 1.2 kW / 14.5 cm
- **Cooking Zone Right Rear (Power/Diameter):** 1.5 / 2.4 kW / 17.0 x 26.5 cm (Casserole zone)
- **Connected Load:** 7100 Watt
- **Voltage:** 220 - 240 Volt
- **Cable Length:** 1.5 meters
- **Frame Material:** Stainless steel
- **Frame Color:** Silver
- **Glass Color:** Black
- **Special Features:** Stop and Go function, electronic displays, Eco-Timer, CountUp timer, OptiHeat Control (3-stage residual heat indicator), OffSound Control, Childlock, power-dependent automatic shutdown.

## 7. WARRANTY AND SUPPORT


For detailed warranty information, service requests, spare parts, and further assistance, please refer to the documentation provided with your purchase or visit the official AEG website.



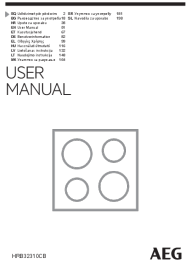

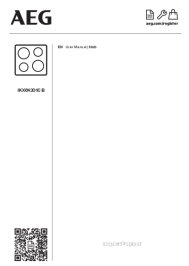
**Manufacturer:** AEG

**Online Support:** For comprehensive support resources, please visit [www.aeg.com/support](http://www.aeg.com/support).

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## Related Documents - HK654070FB

	<p><a href="#">AEG HK854080XB 30-Inch Built-In Ceramic Electric Cooktop: Features, Specifications, and Installation</a></p> <p>Detailed specifications, key features, and installation guidelines for the AEG HK854080XB 30-inch built-in ceramic electric cooktop, highlighting its precise touch control, extendable zones, and 2-year warranty.</p>
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	<p><a href="#">Manuali i Përdorimit AEG IKB32300CB - Udhëzime Sigurie dhe Përdorimi</a></p> <p>Ky manual përdorimi ofron udhëzime thelbësore për instalimin, përdorimin e sigurt dhe mirëmbajtjen e hobit tuaj me induksion AEG IKB32300CB. Mësoni rreth funksioneve, sigurisë dhe zgjidhjes së problemeve.</p>
	<p><a href="#">AEG IKB64301XB Induction Hob User Manual</a></p> <p>Comprehensive user manual for the AEG IKB64301XB induction hob, covering safety instructions, installation, daily use, care, cleaning, troubleshooting, technical data, and energy efficiency.</p>
	<p><a href="#">AEG HRB32310CB User Manual - Cooking Hob Instructions</a></p> <p>User manual and installation guide for the AEG HRB32310CB hob, providing instructions for safe operation, care, and troubleshooting. Learn about its features and benefits.</p>
	<p><a href="#">AEG IKB32300CB Ugradna ploča - Uputstvo za upotrebu</a></p> <p>Detaljno uputstvo za upotrebu AEG ugradne ploče modela IKB32300CB, sa sigurnosnim uputstvima, savetima za instalaciju, korišćenje i održavanje.</p>
	<p><a href="#">AEG IKX64301CB Induction Hob User Manual</a></p> <p>User manual for the AEG IKX64301CB induction hob, providing detailed information on safety, installation, operation, maintenance, troubleshooting, and technical specifications for optimal use.</p>