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› AEG HGB64420SM Gas Hob User Manual

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Model: HGB64420SM (PNC: 949640841)

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your new AEG HGB64420SM Gas Hob. Please read these instructions carefully before installation and use, and keep them for future reference. This appliance is designed for domestic cooking purposes.

The AEG HGB64420SM is an autonomous 60 cm gas hob featuring four burners, including a high-speed burner for faster heating and StepPower controls for precise flame adjustment. It is constructed from durable stainless steel with cast iron pan supports.



Image 1.1: Top view of the AEG HGB64420SM Gas Hob, showing the four burners, cast iron grates, and front-mounted control panel.

2. SAFETY INFORMATION

Important Safety Instructions:

- Installation and connection must be performed by a qualified technician in accordance with local regulations.
- Ensure adequate ventilation in the kitchen when the gas hob is in use.
- Do not store flammable materials near the appliance.
- Keep children away from the appliance during operation and cooling.
- Never leave cooking unattended, especially when using high heat settings.
- If you smell gas, immediately shut off the gas supply, open windows, and do not operate any electrical switches. Contact emergency services.
- This appliance is approved for use exclusively in Austria, Belgium, Germany, Greece, Luxembourg, and Poland.

3. SETUP AND INSTALLATION

The AEG HGB64420SM Gas Hob requires professional installation to ensure safety and proper function. Refer to the installation diagram for precise measurements and clearances.

3.1 Dimensions and Cut-out

The hob has a width of 60 cm. The product dimensions are approximately 0.39"D x 0.39"W x 0.39"H (referring to the visible surface, actual installation depth will vary). The cut-out dimensions for installation are critical for proper fit and ventilation.

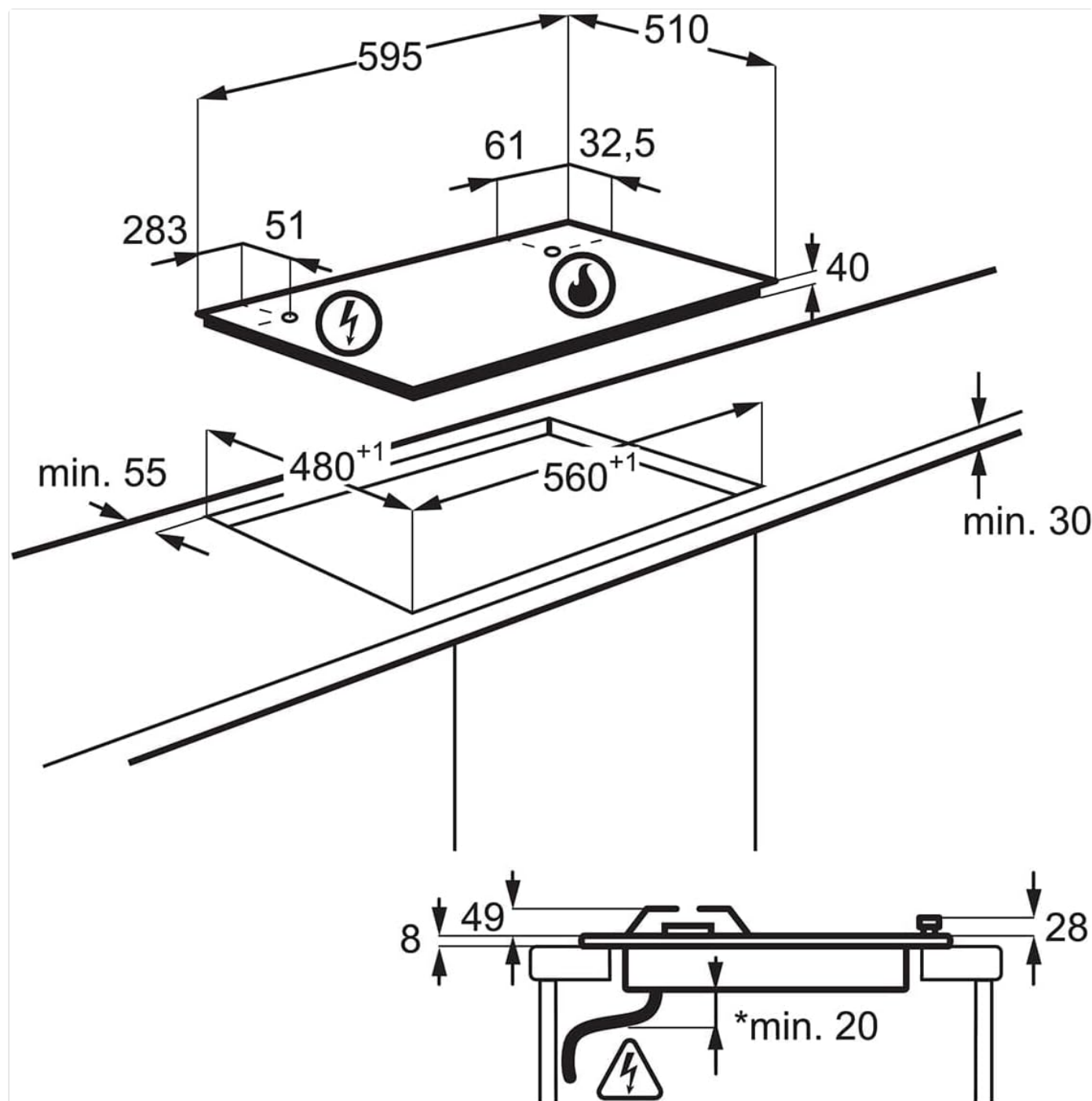


Image 3.1: Detailed installation diagram with measurements in millimeters for the hob and countertop cut-out. Key dimensions include a width of 560mm and depth of 480mm for the cut-out, and a minimum clearance of 20mm below the hob.

3.2 Gas Connection

This appliance is designed for Natural Gas (Fuel type: Natural Gas) and can be converted to LPG if necessary by a qualified technician using the appropriate conversion kit (not included). Ensure the gas supply pressure matches the appliance requirements.

3.3 Electrical Connection

The hob requires a 220 Volt electrical connection for the electronic ignition system. This connection must also be performed by a qualified electrician.

4. OPERATING INSTRUCTIONS

Your AEG Gas Hob is equipped with intuitive controls for precise cooking.

4.1 Control Knobs and Ignition

Each burner is controlled by a dedicated knob located on the front panel. To ignite a burner:

1. Push the desired control knob in.
2. Rotate it counter-clockwise to the maximum flame setting (indicated by a large flame symbol or '9' for StepPower).
3. Hold the knob in for a few seconds until the flame is stable. Release the knob. If the flame goes out, repeat the process.



Image 4.1: Detailed view of the control knobs, showing the StepPower settings from 1 to 9, and the ignition symbol.

4.2 StepPower Control

The StepPower feature provides 9 precise heat settings, allowing for consistent and repeatable cooking results. Rotate the knob to select the desired power level from 1 (minimum) to 9 (maximum).



Image 4.2: Partial view of the hob showing the control panel with illuminated StepPower settings and a lit burner with a blue flame.

4.3 High-Speed Burner

One of the burners is a high-speed burner, designed to heat 20% faster than conventional burners. Use this burner for rapid boiling or searing.



Image 4.3: Close-up view of the hob's burners and the robust cast iron pan supports.

4.4 Thermal Fuse

The hob is equipped with a thermal fuse for safety. This feature automatically cuts off the gas supply if the flame accidentally extinguishes, preventing gas leaks.

5. MAINTENANCE AND CLEANING

Regular cleaning and maintenance will ensure the longevity and optimal performance of your gas hob.

5.1 Cleaning the Hob Surface

- Ensure the hob is cool before cleaning.
- Use a soft cloth and a mild detergent solution for the stainless steel surface. Avoid abrasive cleaners or scourers, which can scratch the finish.
- For stubborn stains, a specialized stainless steel cleaner can be used, following the product instructions.
- Wipe dry with a clean cloth to prevent water spots.

5.2 Cleaning Burner Components

The burner caps and crowns (made of cast iron) and pan supports can be removed for cleaning.

- Remove the pan supports, burner caps, and burner crowns.
- Wash them in warm soapy water. For heavily soiled parts, soak them before cleaning.
- Ensure all parts are completely dry before reassembling them. Incorrect reassembly can affect burner performance.
- Clean the ignition electrode (small metal pin) and thermocouple (safety device) gently with a small brush to remove any food residue.



Image 5.1: Close-up of a burner base, highlighting the ignition electrode and thermocouple for maintenance reference.

6. TROUBLESHOOTING

Before contacting service, review the following common issues and solutions:

Problem	Possible Cause	Solution
Burner does not ignite.	No gas supply, ignition electrode dirty, burner components incorrectly assembled, power outage.	Check gas supply. Clean ignition electrode. Reassemble burner parts correctly. Check household fuse/circuit breaker.
Flame is uneven or yellow.	Burner ports clogged, burner components wet or incorrectly assembled.	Clean burner ports. Ensure burner components are dry and correctly seated.
Flame goes out after releasing knob.	Thermal fuse (thermocouple) not heated sufficiently, knob not held long enough.	Hold the knob in for a few more seconds after ignition to allow the thermocouple to heat up. Ensure the flame is directly contacting the thermocouple.

7. SPECIFICATIONS

Feature	Detail
Brand	AEG
Model Number	HGB64420SM (PNC: 949640841)
Type	Gas Hob, Autonomous
Number of Burners	4
Width	60 cm
Control Type	Knob, StepPower (9 settings)
Burner Type	Open, includes High-speed burner
Fuel Type	Natural Gas (LPG convertible)
Voltage	220 Volts
Safety Features	Thermal fuse
Material	Stainless Steel (Heater Surface), Cast Iron (Pan Supports)
Item Weight	2.2 pounds (approximate, packaging may vary)
Product Dimensions	0.39"D x 0.39"W x 0.39"H (visible surface)
Approved Countries	Austria, Belgium, Germany, Greece, Luxembourg, Poland

8. WARRANTY AND SUPPORT

For information regarding the warranty period and terms for your AEG HGB64420SM Gas Hob, please refer to the warranty card included with your purchase or visit the official AEG website for your region. Keep your proof of purchase for warranty claims. If you require technical assistance, spare parts, or professional service, please contact AEG customer support. Contact details can typically be found on the AEG website or in the documentation provided with the appliance.

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