

KLARSTEIN CGCH3-Ava-90BK

Klarstein 90 cm Smart Range Hood

MODEL: CGCH3-Ava-90BK

User Manual

1. Introduction

Thank you for choosing the Klarstein 90 cm Smart Range Hood. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new appliance. Please read these instructions thoroughly before use and keep them for future reference.

This range hood is designed to effectively remove cooking odors, steam, and grease from your kitchen, ensuring a cleaner and more pleasant cooking environment. It features smart controls, RGB LED lighting, and a powerful airflow capacity.

2. Safety Instructions

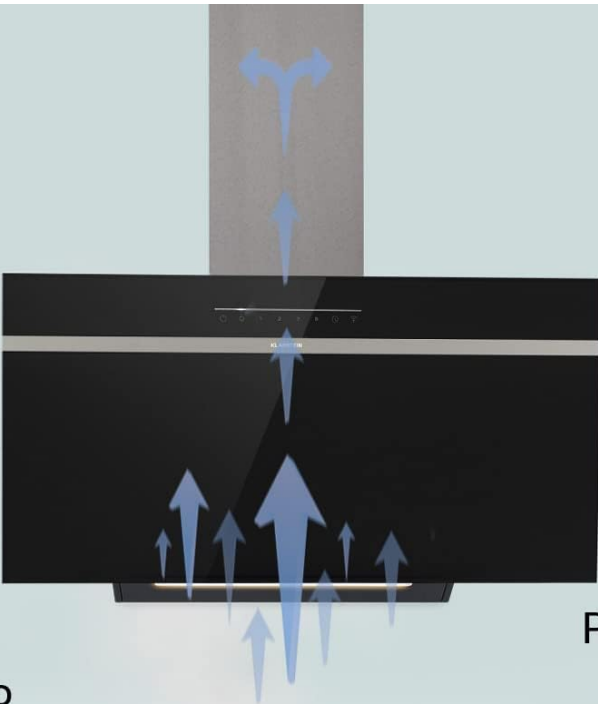
WARNING: To reduce the risk of fire, electric shock, or injury, read and follow all instructions carefully.

- Ensure the power supply matches the voltage specified on the rating label.
- Installation must be performed by a qualified technician in accordance with all local codes and standards.
- Always disconnect the appliance from the power supply before cleaning or performing any maintenance.
- Do not operate the range hood if the power cord is damaged.
- Maintain adequate ventilation in the room when the range hood is used simultaneously with appliances burning gas or other fuels.
- The exhaust air must not be discharged into a flue that is used for exhausting fumes from appliances burning gas or other fuels.
- Clean grease filters regularly to prevent grease buildup, which can be a fire hazard.
- Do not flambé under the range hood.
- Keep children away from the appliance during operation and cleaning.

3. Product Overview and Included Components

The Klarstein 90 cm Smart Range Hood comes with the following components:

- 1x Range Hood Unit
- 2x Aluminum Grease Filters
- 1x Exhaust Air Duct (15.5 cm x 150 cm)
- 1x Non-return Flap
- 2x Flue Covers
- 1x Mounting Suspension
- 2x Activated Carbon Filters (optional, for recirculation mode)
- Multilingual Manual





3 velocità:
comodamente
selezionabili grazie
al semplice pannello
di controllo



Aria priva di
vapore grazie a
553 m³/h di
aspirazione



Cottura senza
grassi grazie al filtro
in alluminio
sostituibile



Perfetta visibilità
grazie alle luce
LED da CEE A



Silenzioso grazie
all'unità operativa
di min. 48 dB



Economica grazie
alla classe CEE A++
e al consumo
energetico di 12,1
kWh/anno

**Visione chiara sul fornello: La potente cappa aspirante
elimina immediatamente tutti i vapori e gli odori**

Figure 1: Overview of the Klarstein 90 cm Smart Range Hood, highlighting its 3-speed control, 553 m³/h extraction, washable grease filter, and RGB LED lighting. It also notes the quiet operation at minimum 48 dB and A++ energy efficiency.

4. Setup and Installation

The range hood can be installed in two configurations: as an extraction hood (ducting air outside) or as a recirculation

hood (filtering air and returning it to the kitchen).

For detailed installation steps, including mounting dimensions and electrical connections, please refer to the dedicated installation section in the included multilingual manual. It is recommended to have the installation performed by a professional.

FILTRO IN ALLUMINIO MULTISTRATO: PULISCE L'ARIA IN MODO AFFIDABILE



Opzionale: Diventa una cappa aspirante a ricircolo con i filtri al carbone attivo

Figure 2: Technical diagram showing the dimensions of the range hood and flue covers. It also illustrates the optional activated carbon filters for recirculation mode and the flexible exhaust hose.

IDEALE PER OGNI CUCINA



Facile da convertire: può essere installata come cofano aspirante o, con i filtri a carboni attivi (non inclusi), come cofano aspirante a ricircolo

Figure 3: Illustration comparing the extraction mode (air vented outside) and recirculation mode (air filtered through carbon filters and returned to the kitchen). The hood is easily convertible between these two modes.

5. Operating Instructions

Your Klarstein range hood offers intuitive controls and smart connectivity for ease of use.

5.1. Control Panel

The range hood features a touch control panel for direct operation. Refer to the specific icons on your appliance for power, fan speed, and lighting controls.

5.2. Fan Speed Control

The hood has 3 power levels with an airflow capacity of up to 585 m³/h. Select the appropriate speed based on your cooking needs to effectively remove smoke and odors.

PROVATE UN PIACERE CULINARIO SPECIALE

Velocità di estrazione: min. 515 max. 553 m³/h

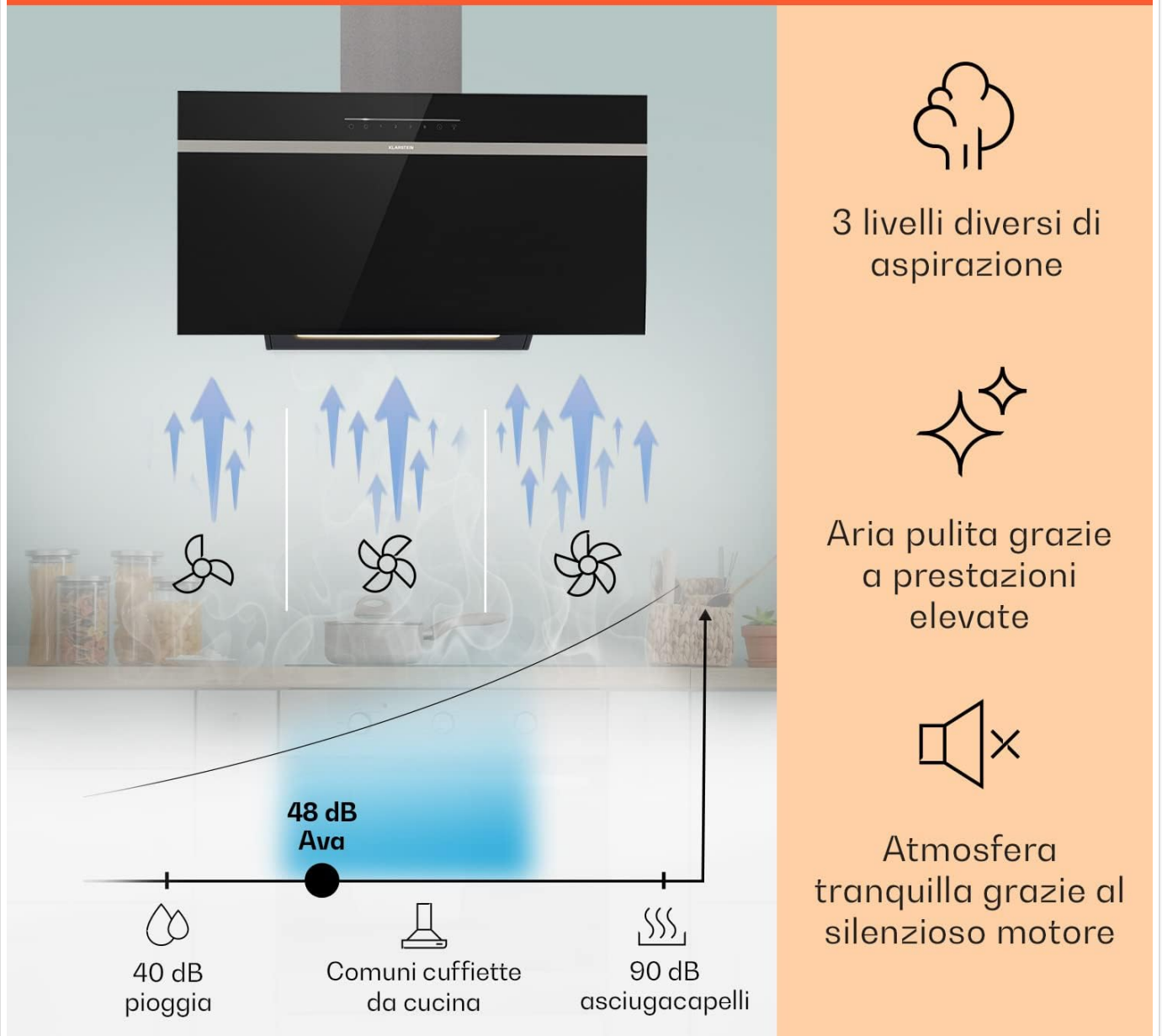


Figure 4: Visual representation of the range hood's three aspiration levels, high performance for clean air, and quiet motor operation. It includes a noise level comparison, noting the hood operates at 48 dB, significantly quieter than common headphones (90 dB).

5.3. LED RGB Lighting

The integrated RGB LED lighting system provides illumination for your cooking area. The lighting can be controlled via the touch panel or through the Wi-Fi enabled smart features.

5.4. Smart/Wi-Fi Connectivity

This range hood is IoT/Wi-Fi enabled, allowing you to control its functions via a smartphone application. Download the Klarstein app (if available) and follow the in-app instructions to connect your device. This enables remote control of fan speed and RGB LED lighting settings.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your range hood.

6.1. Cleaning Grease Filters

The aluminum grease filters should be cleaned regularly, depending on usage. They are dishwasher safe for convenient cleaning.

- To remove, locate the release latches on the filters and pull them down.
- Wash the filters in a dishwasher or by hand using hot water and a mild detergent.
- Ensure filters are completely dry before re-installing.



Figure 5: Demonstrates the ease of cleaning the multi-layer aluminum grease filter, highlighting that it is dishwasher safe. Regular cleaning helps maintain strong grease and odor removal.

6.2. Replacing Activated Carbon Filters (Recirculation Mode)

If your hood is operating in recirculation mode, the activated carbon filters need to be replaced periodically (typically every 3-6 months, depending on usage). These filters are not washable and must be replaced.

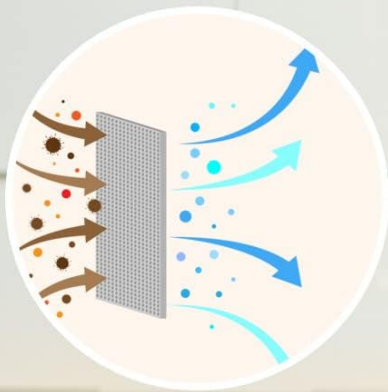
- Refer to your product manual for specific instructions on how to access and replace the carbon filters.

- Ensure the hood is disconnected from power before attempting replacement.

BUONA VISIBILITÀ E ARIA PULITA DURANTE LA COTTURA



Molto efficiente grazie
al filtro in alluminio a 3
strati



Chiara illuminazione
LED e a risparmio
energetico



Figure 6: Illustrates the highly efficient multi-layer aluminum filter and the clear, energy-saving LED illumination, contributing to good visibility and clean air during cooking.

6.3. Cleaning Exterior Surfaces

Wipe the exterior surfaces with a soft cloth and mild, non-abrasive cleaner. Avoid using harsh chemicals or abrasive pads that could damage the finish.

7. Troubleshooting

If you encounter issues with your range hood, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Hood does not turn on	No power supply; Power cord unplugged; Fuse blown.	Check power connection; Check household fuse/circuit breaker.
Poor suction performance	Grease filters clogged; Carbon filters saturated (recirculation mode); Incorrect fan speed; Obstruction in ducting.	Clean grease filters; Replace carbon filters; Select higher fan speed; Check ducting for blockages.
Lights not working	LED module faulty; Loose connection.	Contact customer support for LED module replacement; Check connections (if accessible and safe).
Wi-Fi connectivity issues	Incorrect Wi-Fi password; Router too far; App not updated.	Verify Wi-Fi credentials; Move router closer or use extender; Update app to latest version; Reset Wi-Fi on hood.

If the problem persists after attempting these solutions, please contact Klarstein customer support.

8. Specifications

Feature	Detail
Brand	KLARSTEIN
Model	CGCH3-Ava-90BK
Color	Black
Product Dimensions	39 x 90 x 35 cm
Weight	12.5 kg
Wattage	70 watts
Voltage	230 Volt
Material	Aluminum
Number of Speeds	3
Energy Efficiency Class	A++
Noise Level	59 Decibel
Special Features	Wi-Fi Connectivity, RGB LED Lighting
Airflow Capacity	585 m³/h (as per feature bullets, description states 514 m³/h, using higher value from feature bullets for optimal performance claim)

9. Warranty and Customer Support

Your Klarstein range hood is covered by a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions, including warranty period and coverage details.

For technical assistance, spare parts, or any questions regarding your product, please contact Klarstein customer support. Contact information can typically be found on the Klarstein website or in your product documentation.

You can also visit the [Klarstein Store on Amazon](#) for more information and product offerings.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question