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## Carbest 166779294

# Carbest Range Hood User Manual

Model: 166779294

Brand: Carbest

## PRODUCT OVERVIEW

This user manual provides essential information for the installation, operation, and maintenance of your Carbest stainless steel range hood, designed specifically for caravans and motorhomes. This appliance features integrated LED lighting and an efficient extraction system to maintain air quality in your mobile living space.

- **Dimensions:** 460 x 280 x 50 mm
- **Power:** 12 V DC
- **Extraction Capacity:** 98 m<sup>3</sup>/h
- **Lighting:** 2 x 1.5 W LED (2 x 80 lumens), warm white (3000 Kelvin)
- **Material:** Stainless steel for corrosion resistance and durability



Figure 1: Front view of the Carbest range hood, showing the stainless steel finish, control panel, and two integrated LED lights.

## SETUP AND INSTALLATION

The Carbest range hood is designed for wall mounting in caravans and motorhomes. Proper installation is crucial for optimal performance and safety. Ensure the mounting surface is stable and capable of supporting the unit's weight.

### 1. Mounting the Unit

The range hood requires a cutout in the cabinet or wall for proper ventilation. Use the provided mounting points on the top surface of the unit to secure it. Refer to the diagram below for typical mounting points.



**Figure 2:** Top view of the range hood, illustrating the various screw points for secure mounting within a cabinet or to a wall.

## 2. Ventilation Connection

This range hood operates as a ducted/vented system. An external vent cap is included for directing extracted air outside the vehicle. Ensure the ducting is properly sealed to prevent air leaks.



**Figure 3:** Side view of the range hood, showing the rectangular exhaust port and the white external vent cap that attaches to it.

## 3. Electrical Connection

Connect the range hood to a stable 12V DC power source. Ensure correct polarity (+/-) to avoid damage. It is recommended to connect through a fused circuit appropriate for the appliance's power consumption (3 Watts).

**Warning:** Disconnect power before performing any electrical connections or maintenance.

## OPERATING INSTRUCTIONS

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The Carbest range hood features simple push-button controls for its fan and lighting functions.



**Figure 4:** Close-up view of the control panel, showing the push-button switches for the fan (left, with fan icon) and the LED lights (right, with light bulb icon).

### Fan Operation

Press the fan button (marked with a fan icon) to turn the extraction fan ON. Press it again to turn the fan OFF. The fan operates at a single speed, providing 98 m<sup>3</sup>/h airflow.

### Light Operation

Press the light button (marked with a light bulb icon) to turn the LED lights ON. Press it again to turn the lights OFF. The two 1.5W LED lights provide illumination for your cooking area.

## MAINTENANCE

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Regular maintenance ensures the longevity and efficient operation of your range hood.

### Filter Cleaning

The range hood is equipped with a metal grease filter. This filter should be cleaned regularly, depending on usage, to maintain optimal airflow and prevent grease buildup. To clean:

1. Ensure the unit is turned OFF and disconnected from power.
2. Locate the filter latches and release the filter.
3. Wash the filter in warm, soapy water or in a dishwasher.
4. Allow the filter to dry completely before re-installing.



**Figure 5:** Internal view of the range hood with the metal grease filter partially removed, revealing the twin fan assembly underneath.

**Exterior Cleaning**

Clean the stainless steel exterior with a soft cloth and a mild, non-abrasive cleaner. Avoid harsh chemicals or abrasive materials that could scratch the surface.

**LED Light Replacement**

The LED lights are designed for long life. If replacement is necessary, contact a qualified technician or Carbest support for compatible parts.

**TROUBLESHOOTING**

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

Problem	Possible Cause	Solution
Fan or Lights do not operate	No power supply; loose wiring; faulty switch.	Check 12V power connection and fuse. Ensure wiring is secure. If issues persist, contact support.
Poor suction performance	Clogged grease filter; obstructed ducting; improper installation.	Clean the grease filter. Check ducting for blockages. Verify proper installation and sealing.
Unusual noise from fan	Debris in fan; loose fan components.	Turn off and disconnect power. Inspect fan for foreign objects. If noise persists, contact support.

Problem	Possible Cause	Solution
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For problems not listed here, or if solutions do not resolve the issue, please contact Carbest customer support.

## SPECIFICATIONS

Feature	Specification
Brand	Carbest
Model Number	166779294
Power Consumption	3 Watts
Voltage	12 Volts DC
Airflow Capacity	98 m³ per hour
Ventilation Type	Ducted/Vented
Hood Design	Built-in Kitchen Hood
Material	Stainless Steel
Special Feature	Corrosion resistance and sealing due to stainless steel body
Mounting Type	Wall Mount
Included Components	Hood, 2 x 1.5 W LED lamps
Control Type	Push-button
Light Source Type	LED

## WARRANTY AND SUPPORT

Information regarding product warranty and specific support contacts was not available in the provided product data. Please refer to the product packaging or the manufacturer's official website for the most current warranty terms and customer support details.

For general inquiries or technical assistance, you may visit the Carbest official website or contact their customer service department.