

# Technical Datasheet

## Calimaero WSGB / WSGG Round Extractor Fan Cover

### Product Identification

Calimaero	WSGB 80	EAN: 4054503000247
Calimaero	WSGB 100	EAN: 4054503000254
Calimaero	WSGB 125	EAN: 4054503000261
Calimaero	WSGB 150	EAN: 4054503000278
Calimaero	WSGB 160	EAN: 4054503000285
Calimaero	WSGG 80	EAN: 4054503000193
Calimaero	WSGG 100	EAN: 4054503000209
Calimaero	WSGG 125	EAN: 4054503000216
Calimaero	WSGG 150	EAN: 4054503000223
Calimaero	WSGG 160	EAN: 4054503000230
Calimaero	WSGG 200	EAN: 4054503047341



### Manufacturer

Klimapartner Haustechnische Handels-GmbH  
Lunder Str. 11, 13189 Berlin  
Mail: [kontakt@klimapartner.de](mailto:kontakt@klimapartner.de)  
Web: [klimapartner.de](http://klimapartner.de)

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### General Description

The Calimaero WSGB/WSGG Round Extractor Fan Covers are robust, weather-resistant vent covers designed for residential supply and exhaust ventilation systems. Made from cast aluminum, they feature built-in fixed louvres for rain protection and a stainless steel inox insect mesh for pest control. These covers are compatible with standard round ventilation and flexible pipes, conforming to DIN EN 1506 standards.

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## Conformity of the product

At present, no harmonized standards (EC Directive) are available for and applicable to the products listed above.

## Risk Assessment related to the installation and use of the Calimaero WSG

Hazard	Potential Risk	Risk Level	Control Measures
Use of drill, screwdriver	Cuts, abrasions, or puncture injuries from improper tool handling	Medium	Wear appropriate PPE such as gloves. Ensure tools are in good working condition. Use proper techniques.
Drilling into the wall	Dust inhalation and debris causing respiratory or eye irritation	Low	Wear safety goggles and a dust mask when drilling. Ensure good ventilation.
Falling objects	Dropping tools or vent cover during installation	Medium	Secure all tools and components on a stable surface. Wear safety boots to protect feet.
Working at height	Falls from ladders or unstable platforms	High	Use a stable ladder or platform. Ensure it is positioned securely. Avoid overreaching.
Sharp edges on vent cover	Cuts from handling the stainless steel vent cover	Low	Wear gloves to protect hands when handling the vent cover.
Noise exposure	Hearing damage from prolonged use of power tools	Low	Wear ear protection if using power tools for extended periods.
Improper installation	vent cover may fall or loosen, leading to damage or injury	Medium	Ensure the vent cover is securely fastened using the provided screws and dowels. Double-check alignment and fit.
Electrical hazards	Risk of hitting electrical wires while drilling	High	Use a cable detector to locate any hidden wires. Avoid drilling in areas where wires are present.

### Residual Risk After Controls:

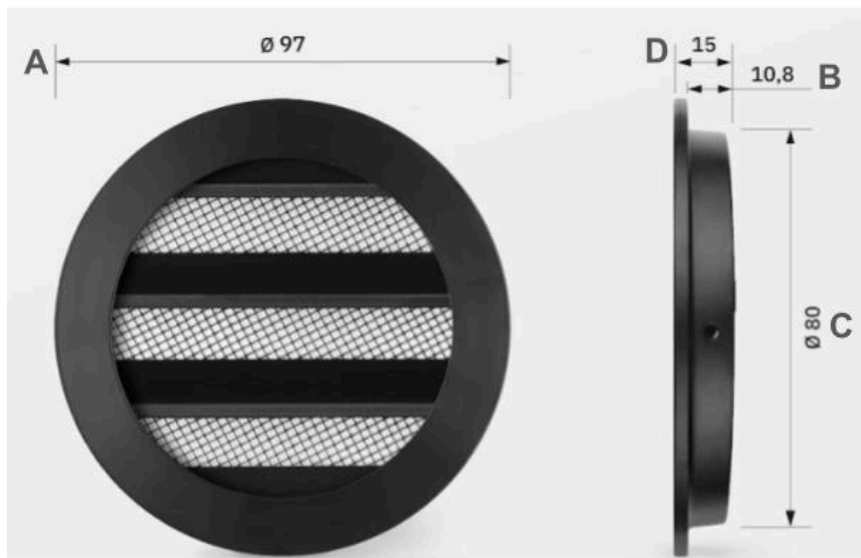
Low to medium with appropriate safety precautions in place. Proper use of PPE, safe tool handling, and adherence to installation guidelines reduce the likelihood of accidents or injury.

### Emergency Procedures:

In case of injury, seek first aid or medical assistance immediately. For electrical shocks, shut off power and seek urgent medical help. If a fall occurs, assess the injury and call for assistance if necessary.

## Technical Specifications

Parameter	Details
Material	Cast aluminum
Finish	UV-stable, weatherproof paint
Available Colors	Grey (WSGG), Black (WSGB)
Insect Mesh	Stainless steel inox mesh, 2x2mm
Thickness	5 mm (without socket)
Louvres	Fixed, for rain protection
Operating Temperature	-40°C to +80°C
Airflow	Optimized for high air passage
Standards	DIN EN 1506
Mounting Type	Surface-mounted, fits round pipes



Model	∅ A (mm)	∅ C (mm)	B (mm)	D (mm)
WSGB 80	96	78	11	15,2

WSGB 100	125	97	16,9	19,2
WSGB 125	152	122	16,9	19,2
WSGB 150	172	148	15,1	19,5
WSGB 160	182	158	15,3	18,5
WSGG 80	96	78	11	15,2
WSGG 100	125	97	16,9	19,2
WSGG 125	152	122	16,9	19,2
WSGG 150	172	148	15,1	19,5
WSGG 160	182	158	15,3	18,5
WSGG 200	222	197	16,5	20

## Key Features

- Rain Protection: Fixed louvres prevent water entry.
- Insect Mesh: Built-in stainless steel mesh with 2x2mm openings to keep insects out.
- High Durability: Made from corrosion-resistant cast aluminum.
- Aesthetic Design: Slim, modern design with a 5mm profile for a sleek appearance.
- Easy Installation: Can be quickly mounted using standard tools and optional silicone sealant for airtightness.

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## Installation Requirements

- Mounting Surface: Suitable for both indoor and outdoor walls.
- Pipe Compatibility: Fits standard round ventilation pipes and flexible ducts per DIN EN 1506.
- Sealant (Optional): Silicone or equivalent adhesive for secure, airtight installation.
- Screws and Dowels: (Optional): Pre-drilled holes for secure fit.

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## Installation Instructions

### Tools (optinal):

- Silicone adhesive or equivalent sealant
- Screws and Dowels

### Step-by-Step Installation:

1. **Prepare the Surface:** Ensure that the ventilation pipe or flexible duct you are installing into is clean and free of dust or debris.
2. **Insert the Socket:**
  - Gently insert the socket of the **Calimaero WSG Vent Cover** into the ventilation pipe.

- Make sure the fit is snug and the cover sits flush against the surface.
  - 3. **Apply Silicone Sealant:**
    - To ensure a secure and airtight installation, apply a thin, even layer of silicone or similar adhesive around the edge of the socket where it meets the pipe.
    - Press the vent cover into place, ensuring that the silicone fully adheres to the surface of the pipe.
  - 4. **Secure the Vent Cover:**
    - Allow the silicone to set for the recommended curing time (refer to the silicone manufacturer's guidelines).
    - Once the adhesive has dried, ensure the vent cover is firmly attached and aligned properly.
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## Maintenance

- **Cleaning:** Clean louvres and mesh regularly with water and a soft brush.
  - **Inspection:** Periodically check mesh for blockages or damage and replace if necessary.
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## Warranty

- **2-Year Limited Warranty:** Covers material and manufacturing defects under normal use conditions. Not applicable to damage caused by improper installation or misuse.