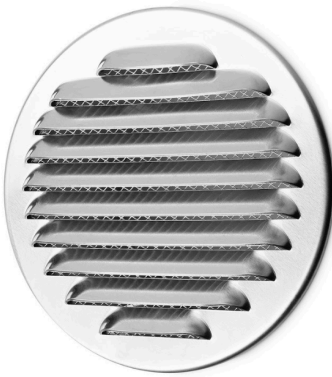


# Technical Datasheet

## Vent Cover Calimaero WSGR

### Product Identification

|           |          |               |
|-----------|----------|---------------|
| Calimaero | WSGR 80  | 4054503000025 |
| Calimaero | WSGR 100 | 4054503000032 |
| Calimaero | WSGR 125 | 4054503000049 |
| Calimaero | WSGR 150 | 4054503000056 |
| Calimaero | WSGR 160 | 4054503000063 |



### Manufacturer

Klimapartner Haustechnische Handels-GmbH

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### General Description

The Calimaero WSGR Round Extractor Fan Covers are robust, weather-resistant vent covers designed for residential supply and exhaust ventilation systems. Made from aluminum, they feature built-in fixed louvers 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 WGQ

| 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**

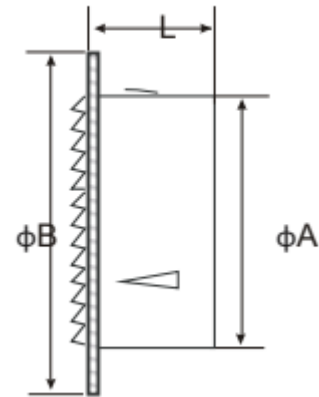
**Overview**

| Parameter   | Details                                    |
|-------------|--------------------------------------------|
| Material    | Aluminum                                   |
| Finish      | Natural Aluminium, UV-stable, weatherproof |
| Insect Mesh | Stainless steel inox mesh, 2x2mm           |
| Fixing      | Clamping eyelets for fixing to the pipe    |

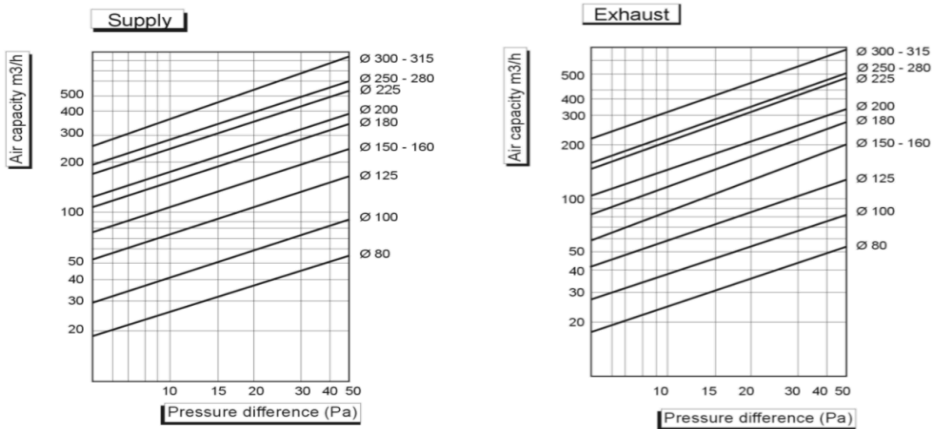
|                       |                                   |
|-----------------------|-----------------------------------|
| Louvres               | Fixed, for rain protection        |
| Operating Temperature | -40°C to +80°C                    |
| Airflow               | Optimized for high air passage    |
| Standards             | DIN EN 1506                       |
| Mounting Type         | Surface-mounted, fits round pipes |

Dimensions

| Model    | ∅ A (mm) | ∅ B (mm) | L (mm) |
|----------|----------|----------|--------|
| WSGR 80  | 78       | 78       | 47     |
| WSGR 100 | 98       | 97       | 47     |
| WSGR 125 | 123      | 122      | 47     |
| WSGR 150 | 148      | 148      | 47     |
| WSGR 160 | 157      | 158      | 47     |



Pressureloss



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.

## 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 (optional):

- 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.