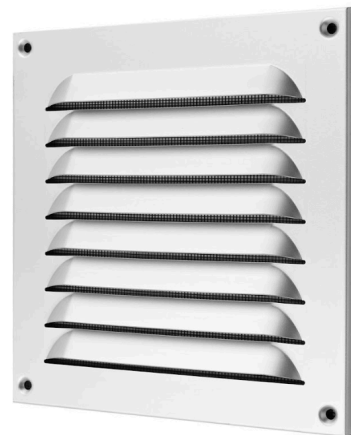


# Technical Datasheet

## Vent Cover Calimaero WGQ/W

### Product Identification

Model	Size (mm)	EAN
Calimaero WGQ	150 x 150	4054503000117
Calimaero WGQ	200 x 200	4054503000155
Calimaero WGQ	300 x 300	4054503000131
Calimaero WGQW	150 x 150	4054503000124
Calimaero WGQW	200 x 200	4054503000162
Calimaero WGQW	300 x 300	4054503000179



### Manufacturer

#### Klimapartner Haustechnische Handels-GmbH

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### Product Description

The **Calimaero WGQ** is a high-quality vent cover designed for duct systems in both residential and commercial applications. Made from robust anodized aluminum or white brushed aluminum, the vent cover offers high durability and resistance to sunlight, chemicals, scratches, and moisture. It is suitable for indoor and outdoor installation.

#### Key Features:

- **Material:** High-quality anodized aluminum or white brushed aluminum
- **Weather Protection:** Fixed flaps to prevent rainwater from entering
- **Insect Mesh:** Fine-meshed insect screen for pest protection
- **High Air Passage:** Ensures optimal airflow for supply and exhaust air systems

## Applications:

- Whole house ventilation
- Passive ventilation
- HVAC systems
- Air conditioning systems
- Heat recovery systems

## Conformity of the Product

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

## Risk Assessment Related to Installation and Use

Hazard	Potential Risk	Risk Level	Control Measures
Use of tools (drill, screwdriver)	Cuts, abrasions, or puncture injuries	Medium	Use proper personal protective equipment (PPE) like gloves and ensure proper handling of tools.
Drilling into walls	Dust inhalation and debris causing eye or respiratory irritation	Low	Wear safety goggles and dust mask. Ensure good ventilation during drilling.
Falling objects	Dropping tools or the vent cover during installation	Medium	Secure all tools on a stable surface. Wear protective footwear.
Working at height	Falls from ladders or platforms	High	Use a stable ladder or platform and ensure proper positioning.
Sharp edges	Cuts from handling the vent cover	Low	Wear gloves to prevent cuts.
Noise exposure	Hearing damage from power tools	Low	Wear ear protection if using power tools for extended periods.
Improper installation	Vent cover may fall, leading to damage or injury	Medium	Ensure secure fastening using provided screws and dowels. Double-check installation.

Electrical hazards	Risk of hitting electrical wires while drilling	High	Use a cable detector to locate hidden wires before drilling. Avoid drilling in areas with wiring.
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**Residual Risk After Controls:**

Low to medium, provided safety precautions are followed. Proper PPE, safe tool handling, and adherence to installation instructions will minimize risk.

**Emergency Procedures:**

- **Injury:** Administer first aid or seek medical attention immediately.
- **Electrical Shock:** Turn off power immediately and seek urgent medical help.
- **Fall Injuries:** Call for assistance and assess injuries before moving the individual.

## Technical Specifications

Model	Material Thickness (mm)	Weight (g)	Size (WxH) (mm)	Screw Holes (WxH) (mm)	Air Volume (m³/h)
WGQ/W 150x150	0.9	76	165 x 165	145 x 145	93
WGQ/W 200x200	0.9	120	210 x 210	192 x 192	160
WGQ/W 300x300	0.9	270	310 x 310	280 x 280	222

**Material:** Anodized aluminum / White brushed aluminum

**Parts Included:** Insect mesh, 4 stainless steel screws, 4 dowels

**Common Uses:** Ventilation cover for homes, motorhomes, caravans

## Installation Instructions

**Tools Required:**

- Drill
- Screwdriver (flathead or Phillips)
- Measuring tape
- Pencil or marker

- Level
- Protective gloves
- Safety goggles (for drilling in concrete or brick)

### **Installation Hardware (Included):**

- Dowels
- Screws

### **Step-by-Step Installation:**

- 1. Preparation:**
  - Inspect the vent grille for damage.
  - Select a proper location for the grille, ensuring alignment with the duct and proper airflow.
  - Check the wall for obstructions (wiring, plumbing).
- 2. Measure and Mark:**
  - Measure the grille and wall opening.
  - Place the grille against the wall, mark the screw positions, and use a level to ensure proper alignment.
- 3. Drill Holes:**
  - Drill the marked positions.
  - For drywall or wood, use a standard drill bit. For masonry, use a masonry bit and insert dowels.
- 4. Insert Dowels:**
  - Insert the dowels into the drilled holes, tapping gently to ensure they are flush.
- 5. Mount the Vent Grille:**
  - Place the grille over the holes and insert the screws.
  - Tighten the screws to secure the grille to the wall.
- 6. Check Alignment and Fit:**
  - Ensure the grille is level and securely fastened.
  - Verify the flaps are positioned correctly to prevent rain entry, and the mesh is aligned for pest protection.
- 7. Final Inspection:**
  - Check for any loose screws or misalignment.
  - For outdoor installations, ensure the grille is firmly attached to withstand weather.

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## **Maintenance**

- **Insect Mesh:** Clean regularly to ensure unrestricted airflow.
- **Screws & Dowels:** Periodically inspect to confirm that the grille remains securely fastened.

## Important Notes:

- **Safety First:** Wear gloves and goggles during installation.
  - **Professional Help:** For complex installations or high wall mounting, consider hiring a professional.
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By adhering to these installation and maintenance guidelines, the **Calimaero WGQ Vent Cover** will provide reliable performance, enhancing your ventilation system while ensuring long-lasting durability