

Technical Datasheet

External Vent Cover Calimaero VKE

Product Identification

Calimaero VKE 100 EAN: **4054503044982**

Calimaero VKE 125 EAN: **4054503044999**

Calimaero VKE 150 EAN: **4054503045002**

Manufacturer

Klimapartner Haustechnische Handels-GmbH

Lunder Str. 11, 13189 Berlin

Mail: kontakt@klimapartner.de

Web: klimapartner.de



Product Description

The calimaero VKE Vent Cover is a durable, stainless steel vent cover designed for exterior, vertical mounting on a wall. The VKE is available in different dimensions. It features automatic, movable shutter flaps that close when the fan stops, preventing odors, noise, insects, and debris from entering. Suitable for all common round and flexible ventilation pipes (DIN EN 1506). The rust proof cover opens easily, even at low pressures, ensuring efficient airflow. Easy to install with the included screws, it offers a reliable, weatherproof solution for a wide range of ventilation systems.

Conformity of the product

At present, no mandatory harmonized standards (EC Directive) are available for and applicable to the products listed above. Directive 2011/65/EU and its amendment Directive (EU) 2015/863 (RoHS) lays down rules on the restriction of the use of hazardous substances in electrical and electronic equipment (EEE) with a view to contributing to the protection of human health and the environment, including the environmentally sound recovery and disposal of waste EEE.

Test specification: Total concentration of Lead, Cadmium, Mercury, Chromium VI, Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) in accordance with the Directive.

Result: Based on the analysis on the submitted sample(s), the test results comply with the concentration limits as specified in Annex II to Directive 2011/65/EU.

Risk Assessment: Installation of External Vent Cover

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 appropriate 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:

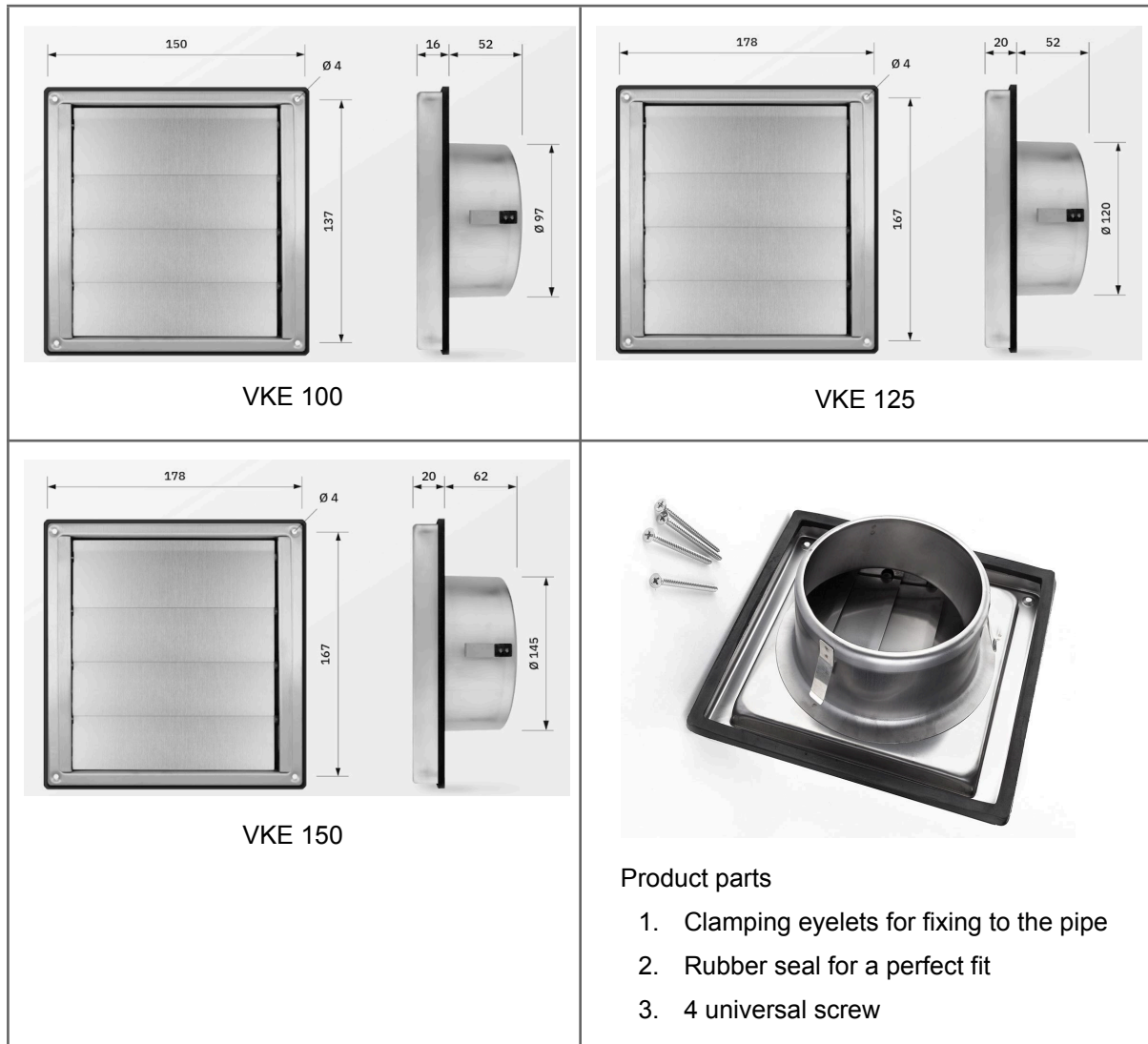
Low to medium with appropriate safety precautions in place. Proper use of PPE, safe tool handling, and adherence to installation guidelines reduce the likelihood of accidents or injury.

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 and Product parts

Product Dimensions (cm): Hole Spacing, Depth, Diameter



Installation Installation Instructions for calimaero VKE Vent Cover with Movable Shutter Flaps

Tools Required:

- Standard screwdriver or drill
- Measuring tape
- Pencil or marker
- Ladder (if needed)
- Sealant (optional)

Included in the Package:

- calimaero VKE Vent Cover
 - Screws (for mounting)
-

Step 1: Prepare the Ventilation Pipe

- Ensure the ventilation duct or flexible pipe is clean and free of obstructions.
- Verify that the duct is the correct size for the vent cover (DN 100mm / 4 inches).
- If necessary, trim the pipe to ensure a flush fit with the exterior wall.

Step 2: Mark Mounting Positions

- Hold the calimaero VKE Vent Cover against the exterior wall, aligning it with the duct opening.
- Using a pencil or marker, mark the positions of the four screw holes (137mm x 137mm apart) on the wall.

Step 3: Drill Holes (if required)

- If you're mounting the vent cover on a concrete or brick wall, pre-drill the marked holes using a drill bit appropriate for the wall material.
- Ensure the holes are deep enough to securely hold the screws.

Step 4: Insert the Vent Cover

- Insert the vent cover into the ventilation pipe or flexible duct. Ensure the shutter flaps face outward and can move freely.
- The vent cover should fit snugly inside the pipe.

Step 5: Secure the Vent Cover

- Align the screw holes on the vent cover with the marked positions on the wall.
- Fasten the vent cover to the wall using the provided screws.
- Make sure the cover is securely attached and there are no gaps around the edges.

Step 6: Optional Sealing

- For added weather protection, apply a sealant around the edges of the vent cover to prevent water or air leaks.

Step 7: Test the Vent Cover

- Turn on the ventilation system to check that the shutter flaps open easily.
- Turn off the fan and ensure the flaps close automatically to block airflow, odors, and debris from entering.

Important Notes:

- Avoid installing the vent cover near living rooms or bedrooms, as the fluttering noise of the flaps may be noticeable.
- Regularly inspect and clean the vent cover to ensure proper airflow and prevent blockage.