

MAICO presents a revolutionary ventilation system with 180° rotation of the entire fan unit

Villingen-Schwenningen, 10th March 2026



RotationVent RV 2 with 180° rotation of the entire fan unit

With the RotationVent RV 2, MAICO presents a decentralized ventilation system with flexible installation options in the exterior wall. A groundbreaking innovation in ventilation technology that offers numerous advantages to end customers, architects, planners, and installers alike.

### **Particularly quiet thanks to the elimination of switching noise**

The RotationVent RV 2 impresses with its innovative technology. First and foremost, it features a fan unit that rotates around its own axis, eliminating the switching noise typically associated with push-pull devices. By eliminating multiple deflections of the air flow, the volume flow increases at a lower fan speed. This makes the unit extremely quiet, even during ventilation, and offers a high normal sound level difference when the duct is closed. In addition, the built-in filters – G3 inside and optional G2 outside – ensure



optimum air quality. Tool-free filter replacement and optional sensors – from humidity and CO<sub>2</sub> to volatile organic compounds – round off the user-friendliness.

### **Energy-efficient and power-saving**

The RotationVent RV 2 sets standards in energy efficiency with heat recovery of over 80%. In addition, the device requires less power than conventional systems thanks to its flow-optimized air ducting. The device thus achieves energy efficiency class A or A+ with optional sensor technology. This leads to reduced heating costs compared to manual ventilation with the same air turnover. When switched off, the ventilation system automatically closes the passage. This effectively counteracts external influences such as smog or smoke.

### **Suitable for new buildings and renovations – quick and easy installation**

The RotationVent RV 2 also impresses with its plug & play functionality, which ensures quick and easy installation. Its flexible and simple installation in different wall thicknesses makes installation effortless and efficient. This makes the RV 2 equally suitable for new buildings and renovations. Holistic ventilation concepts can be conveniently implemented by networking several devices. The device can be completely removed for maintenance and cleaning work. Installation at a convenient height makes maintenance work or filter changes easy to carry out.

### **Perfectly suited for serial renovation thanks to plug & play technology**

Serial renovation is an energy-efficient renovation of existing buildings with prefabricated facade elements, including the associated system technology. These elements are mounted directly onto existing buildings. The RV 2 ventilation system can be integrated



RotationVent RV 2 integrated into facade element



into the facade elements during industrial prefabrication. The mounting sleeve and the deflection for the serial renovation of the RV 2 can be shortened individually. This means that, even when used in serial renovation, it can be flexibly adapted to the specific space requirements of the exterior facades.

### Flexibility & aesthetics

The aesthetically appealing external cover makes the RotationVent RV 2 perfect for discreet placement under the window sill. However, it can also be placed above the window, for example. As an alternative to horizontal installation, the RotationVent RV 2 can also be placed vertically to the left or right of the window. A drip edge is integrated into the external cover to prevent the facade from becoming dirty. Alternatively, the ventilation system can also be placed in the reveal. In this case, the outlet is deflected by 90° to the outside within the reveal. The result is an even more discreet appearance. The slim design means that the installation of roller shutters and blinds is not affected. The modern design of the inner cover completes the overall picture.



RotationVent RV 2 fan unit

With the RotationVent RV 2, MAICO is setting a new standard in decentralized ventilation technology, combining comfort, energy efficiency, and aesthetic design, and is suitable for both new buildings and renovations.



## About MAICO

MAICO is convinced that **healthy air enhances quality of life**, supports performance, and ensures the long-term value of buildings. Driven by this aspiration, the company has been developing high-quality ventilation solutions for decades that protect people and sustainably improve indoor environments.

As a family-run business, MAICO combines engineering expertise with innovative technology. The result is reliable, energy-efficient, and quiet ventilation systems for residential buildings, commercial spaces, and industrial applications. With more than 3,000 products, MAICO is a full-range provider of ventilation technology. In addition, the company operates as a system supplier, offering extensive accessories for a wide range of applications. Customers benefit from practical products, well-thought-out details, and feasible solutions designed to meet real-world requirements. **Choosing MAICO means choosing quality, durability, and dependability.**

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