## The AEROMAT VT system from SIEGENIA: energy-efficient façade ventilation

# Up to 95% heat recovery and energy efficiency class A

Flexible planning, easy installation and resource-efficient ventilation: the AEROMAT VT from SIEGENIA combines controlled ventilation with an array of additional benefits. With passive vents, supply air or exhaust air variants and two versions with heat recovery, the system solution covers the entire spectrum of decentralised ventilation systems. This makes it unique, as does the option to use any desired combination of individual ventilator types, allowing complete solutions to be achieved with a uniform design. The attractive appearance of the system is enhanced by its discreet integration into the façade. Additional special features include outstanding sound absorption, high air throughput and modern, convenient operation.

#### Universal casing platform

The AEROMAT VT provides façade ventilation in its most versatile form thanks to its universal casing platform. Variable in length and depth, it makes it possible to use a wide range of ventilator designs whilst maintaining an identical appearance. The harmonious design of the façade is supported by the unobtrusive integration of the ventilator into the reveal, wall or lintel. It can be installed such that it is either visible or concealed. This ensures maximum flexibility, as do the extensive accessories with variants for installation using reveals, lintels or wall ducts.

#### Powerful heat recovery – maximum energy efficiency

Energy efficiency is a top priority with the AEROMAT VT. To achieve this, SIEGENIA has developed the AEROMAT VT WRG with its outstanding heat recovery of up to 93% and its excellent balance of size, inherent noise and energy efficiency. Also available is the AEROMAT VT WRG plus, a version that is eligible for subsidies with energy efficiency class A and up to 95% heat recovery. This makes it into an extremely powerful solution for energy efficiency and sustainability.

Its modern, convenient operation offers end users an enhanced level of room comfort. They can choose between modern touch operation, smart control using an app and automated, demand-based ventilation. The optional high-performance features of the façade ventilator also ensure good indoor air quality at all times – from temperature, humidity, CO2 and VOC-based control to additional features such as a pre-heating element and even a variety of filter classes.

#### Simple to install and set up

When it comes to installation, the sophisticated design of the ventilator gives fabricators an advantage, as it can be installed anywhere around the window, regardless of the profile. Preconfigured inputs and outputs also allow the ventilator to be controlled externally, as well as enabling direct integration in a building control system.

#### Captions

Image database: SIEGENIA

*Image I: SIE\_AERO\_AEROMAT VT\_WRG\_detail.jpg*

Easy planning, simple installation and new high-performance features for greater room comfort: the AEROMAT VT WRG from SIEGENIA combines controlled ventilation with high energy efficiency.

*Image II: SIE\_AERO\_AEROMAT VT\_WRG\_living room.jpg*

The AEROMAT VT WRG supports the harmonious design of the facade with its unobtrusive integration in the reveal, wall or lintel. The installation can be either visible or concealed.

*Image III: SIE\_AERO\_AEROMAT\_VT\_WRG\_facade exterior.jpg*

The extensive accessories with variants for installation using reveal, lintel or wall ducts ensures maximum flexibility.

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