

SIEGENIA Innovations for you:

AEROPAC IE

Our benefits³:

- ❶ CO₂ regulation detects spent or bad air automatically and adapts the air exchange accordingly
- ❷ Air quality sensor integrated in the inner casing
- ❸ Strong air throughput with quiet operation



AEROPAC IE and AEROPAC IE smart Intelligent edition with integrated CO₂ regulation for the tried and tested ventilation unit.








Demand-based ventilation on the basis of the indoor air quality.

The AEROPAC wall-mounted ventilator has been employed well over 100,000 times as a solution to increasing air and noise pollution. With two new versions the wall-mounted ventilator is even more versatile now: the AEROPAC IE and the AEROPAC IE smart create the best prerequisites for demand-based ventilation on the basis of the quality of the indoor air. The "IE" in the name stands for "Intelligent Edition".

This is made possible by the integrated CO₂ regulation that detects spent air. Automatic, demand-based ventilation is ensured in combination with the intelligent ventilation unit's automatic mode of operation. This meets with the rising awareness of end users over room air quality. The current air quality is indicated via a traffic-light display in the SIEGENIA Comfort app with the AEROPAC IE smart. The discreet placing of the sensor directly in the casing ensures that the attractive appearance of the vent unit still remains a plus in the "Intelligent Edition".

The comfort concepts are supported by the WIFI-capable equipment of the AEROPAC IE in the smart variant. It enables easy and convenient control via app.

Benefits

-  Sound insulation
-  Coarse dust filter
-  Suitable for bedrooms
-  Air quality control
- Optional/accessories:
 -  App control
 -  Fine dust / pollen filter
 -  NOx filter



The AEROPAC IE provides a smooth supply of fresh air without draughts with a high air throughput and sound absorption with extremely low inherent noise of only 20 dB(A) at 60 m³/h.

Air quality sensors:

The best indoor air automatically.

The CO₂ regulation detects spent or bad air automatically and adapts the air exchange accordingly.

Smart control.

Thanks to the integrated WIFI module, the AEROPAC IE in the smart variant can also be simply operated via the SIEGENIA Comfort app: either via a direct device connection or via a WIFI network. The SSL encryption prevents access by third parties.

Easy integration.

Alternatively, the AEROPAC IE can also be installed with the vent duct EPP for composite thermal insulation systems, for example.

Modern NOx filter.

The NOx filter extracts numerous harmful substances and irritants from the air to improve the indoor air quality, even in large cities, for example. It is not only effective against pollen and fine dust, but also against nitrogen dioxides, which are hazardous to health. These are produced in high concentrations mainly by combustion processes and thus by car exhaust fumes in particular.

Especially maintenance-friendly.

The easy maintenance of the AEROPAC consists of simply replacing the filter. The integrated filter change indicator specifies the right time for this. The front panel that can be opened by hand and the use of filter cassettes enable the filter to be changed quickly and conveniently without any tools.



Technical specifications

AEROPAC

IE / IE smart

Air throughput (active)

with filter ISO Coarse 55 % (formerly G3)

approx. 15-160 m³/h

with filter ISO ePM10 50 % (formerly F5)

approx. 15-160 m³/h

with active carbon filter

approx. 15-160 m³/h

with NOx filter

approx. 15-160 m³/h

Inherent noise (at 60 m³/h) ¹⁾

L_{pA} = 20 dB(A)

Sound absorption D_{n,e,w} (with filter ISO Coarse 55 %) ²⁾

2 sliders open

50 dB

1 slider open

53 dB

0 sliders open

57 dB

with sound absorption pipe ³⁾

55 dB

Dimensions (W x H x D)

270 mm x 467 mm x 132 mm

Technical approval

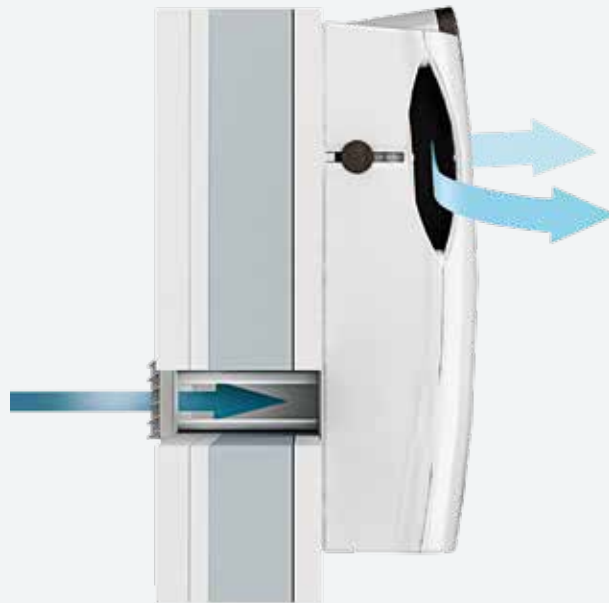
Z-51.5-206

1) Measured in accordance with DIN EN ISO 3741 with room insulation 8 dB

2) Measured in accordance with DIN EN 10140-2

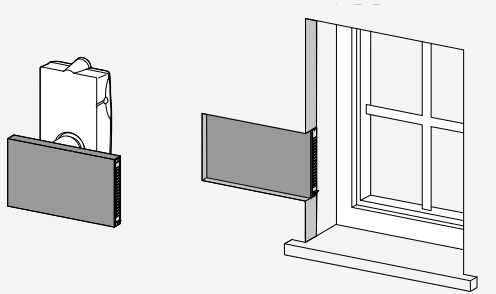
3) Two sliders open



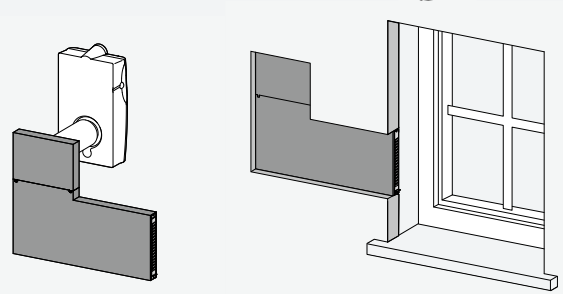


Installation options with vent duct

Vent duct EPP, type FL



Vent duct EPP, type SFL:



Accessories

PVC weather grille, white or brown



Aluminium weather grille



SIEGENIA®
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