

Air quality³

AEROPAC® sound insulated ventilators
direct fresh air into your home.
Noise, pollen and fine dust are kept out.

Window systems

Door systems

Comfort systems

Disturbance.



Noise while asleep.

It is programmed into our genes: noises in the middle of the night herald impending danger and transpose our body into 'standby mode'. Something that was essential for survival in the dim, dark past is counterproductive today. Because we can fall ill if we cannot get deep, restful sleep. Simply closing the windows is not the solution. Simply closing the windows is not the solution as you also cannot get restful sleep in a poorly ventilated room. What can you do?

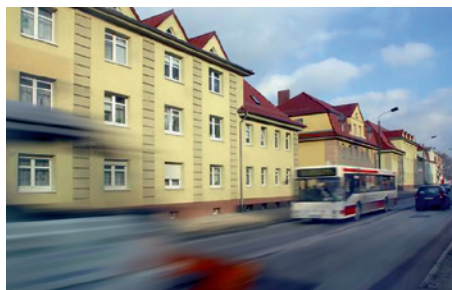
Fortunately, mankind has learned to technically optimise its environment. A good example for this is the new AEROPAC® sound insulated ventilator. The quiet super silent device supplies rooms with draught-free fresh air and at the same time holds the external noise back almost entirely. Just perfect for your bedroom!

The worst noise sources.

Our environment has become louder. Measurably! The chief cause of the audible environmental pollution is road traffic. This is followed by neighbourhood, aircraft and railway noise. In the past, people spoke of disturbance; today we know that noise can endanger our health. It can lead directly and indirectly to various reactions: lack of concentration, nervousness, raised stress hormones and raised blood pressure. These changes partially constitute classical risk factors for cardiovascular system diseases.

There are, for this very reason, comprehensive regulations. Many noise reduction measures are subsidised by up to 100%. So too is the AEROPAC sound insulated ventilator. And even if your building is not in a location eligible for subsidy; installing one is always worthwhile! They are economically priced, compared to what noise costs you: your health.

- > ■ Get restful sleep in peace
- Draught-free and super silent ventilation
- Holds the external noise back almost entirely
- Eligible for up to 100% subsidy



The AEROPAC® at a glance.

Just like its successful predecessor, AEROPAC® provides a supply of fresh air professionally with perfect sound insulation. However due to the fact that it has been developed from the ground up, it's capable of a lot more: It can move larger quantities of air, is quieter in the process, easier to operate, more energy efficient and is more aesthetic. 'Not just simply new, but innovative' is what Plus X Award thought and awarded the AEROPAC® in the "Innovation" category.



Four different filters are available: coarse dust, active carbon, dust or pollen filter.

Customised air control via the slider on the side.

You always know when to change the filter with the filter replacement indicator. The filter cartridges make changing quick and easy.

Installing AEROPAC® is fast and easy.

The new LCD display make-soperation even easier: from the infinitely variable air quantity control right up to the programmable timer.



In the "smart version", the AEROPAC can also be operated with the SIEGENIA Comfort app via your smart-phone.



Small dimensions, aesthetic, contemporary casing.

Sound insulation or fresh air?



AEROPAC® combines both.

Heavily insulated sound insulating windows do indeed protect against noise, however they intensify the problem with the supply of essential fresh air. Briefly ventilating via the window is not the solution; particularly at night. With this you are confronted with the dilemma: noise or air?

AEROPAC® is the correct decision here. The window can remain permanently closed so that you can sleep in peace. At the same time the sound insulated ventilator ensures you a good sleep. It brings constant draught-free fresh air into the room and with it, prevents an increase of the CO₂ concentration and protects against dangerous room exhalations. Furthermore the humidity is regulated, preventing mildew from forming. AEROPAC® is your guarantor for a healthy room climate.

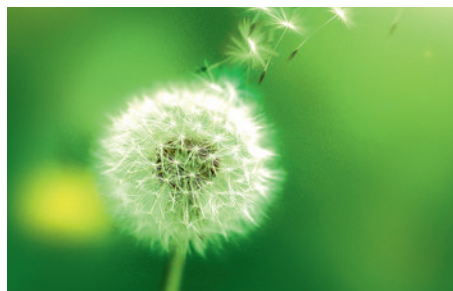
Springtime; a time of suffering?

Pollen in the air.

For every fourth person, spring is not the long awaited farewell from winter, but rather the beginning of a time of suffering. Noses begin to run, eyes itch and eyelids swell up when the pollen count is high. One can only really avoid allergic reactions such as these by staying within one's own four walls with the window closed.

Or you ventilate with AEROPAC®.

Because with AEROPAC® you can insert an optional pollen filter in no time, and then pollen remain where they belong: outside.



- One in four people suffer from a pollen allergy
- Optional pollen filter cleans the air
- Pollen remain outside

Fine dust alarm!

The smaller, the more dangerous.

Due to the traffic volume, fine dust is an everincreasing problem. The tiny particles reach the bloodstream via the lungs and from there into the body's organs. As a result, fine dust can damage not only the respiratory system, but is also associated with cardiovascular failure. The solution: Ventilate while the window is closed with the new AEROPAC®. There is an optional fine dust filter available that can filter out even the finest particles from the air. Regardless of how polluted the air is outside; indoors you can breathe healthily.



- Fine dust pollution continues to rise
- Fine dust particles end up in the body's organs
- Optional fine dust filter cleans the air
- This filters out even the finest particles

Healthy ventilation.



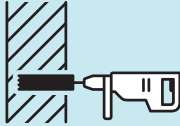
- Excellent air quality
- Healthy interior climate
- Prevention of mould infestation
- Preservation of the building fabric
- Save heating costs


A good room climate is crucial for a healthy life. But how should one ventilate in a healthy manner if pollutants or noise can enter the living area from the outside? With the new AEROPAC®! It keeps your ambient air clean while the window is closed and, with this, provides you with fresh air free from any bothersome noise. However your health is not only threatened from outside air. Airborne pollutant sources are manifold: building materials, floor coverings or furniture, tobacco smoke and cleaning agents diminish the room's air quality. This can result in discomfort, headaches, tiredness, allergies and respiratory difficulties.

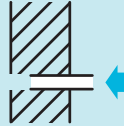
AEROPAC® also helps here with its permanent supply of fresh air. Furthermore this constant air supply prevents excessive moisture from forming in the room's air, in which mildew and house dust mites thrive particularly well.


This is all accomplished by a small device that runs as quiet as a whisper, uses as little energy as a television in stand-by mode, is easy, fast and clean to and, with its inconspicuous and contemporary design, blends in well with all furnishings and in every room: whether whether it be the bedroom, children's room or living room.

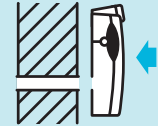
Installation: fast, clean and direct.




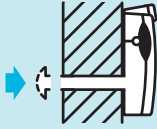
 The drill with suction equipment is lined up with the aid of a drilling jig. After only a short time the wall is neatly drilled through.




 The duct is shortened to the wall thickness, installed accurately and sealed on both sides.



 The ventilator is mounted on the wall.



 Now only the weather protection grill needs to be attached to the exterior wall and sealed. Finished! Simply plug it in to the power socket and the ventilator is ready for operation.



Installing AEROPAC® to a jamb wall is also trouble-free.

Easy filter change:



The ventilator's cover is simply tilted forward. The filter cartridge can be removed conveniently and cleaned or replaced with one of the numerous filters available.

Performance data

Sound insulation in accordance with DIN EN ISO 10140-2 and DIN EN ISO 10140-4:

2 sliders open
1 slider open
All sliders closed

With standard filter (G3):

$D_{n,e,w} = 50$ dB
 $D_{n,e,w} = 53$ dB
 $D_{n,e,w} = 57$ dB

Measured in accordance with DIN EN ISO 3741

Inherent noise at 60 m³/h
(at 8 dB room attenuation)

LPA = 20 dB(A)

Air flow volume with

G3 filter
F5 filter
Activated carbon filter

approx. 30–180 m³/h
approx. 15–160 m³/h
approx. 15–160 m³/h

Power consumption at 60 m³/h

5 W

Connection cable
(rolled up in the cable compartment)

max. 4.5 m long, white, with standard (2-pin) European plug

Dimensions (W x H x D) in mm

270 x 467 x 132

Building inspection approval

Z – 51.5 – 206



SIEGENIA®
brings spaces to life

Head Office
Industriestr. 1
57234 Wilnsdorf
Germany
Tel: +49 271 3931-0
Fax: +49 271 3931-599
www.siegenia.com
info@siegenia.com

Please contact your specialised dealer: