

## Application

- The AEROPAC is a wall-mounted ventilation unit with an air duct that is installed through brickwork.

## Function

- The low-noise AEROPAC provides controlled and energy-saving indoor ventilation.
- The AEROPAC brings fresh air from outside, filtered into the inside via an electrically driven blower.

## Unit properties

- Sound absorption:
- Low internal noise
- Filters dust and exhaust fume odours
- Timer function
- Filter change indicator
- Adjustable airflow
- The unit is operated using four control buttons on the front.
- Sliders on the right and left side of the unit's housing are used to manually open or close the air outlets.
- AEROPAC smart:
  - Simple operation via smartphone or tablet using the SIEGENIA Comfort app\*
  - Control of the blower performance
  - Timer can be programmed
  - Filter change indicator and reset of the filter change indicator (after filter has been replaced)

\* Notes on compatibility at

[www.siegenia.com/qr/comfort-app/faq](http://www.siegenia.com/qr/comfort-app/faq)

## Technical specifications

	AEROPAC
<b>Air throughput (active)</b> with G3 filter with F5 filter with active carbon filter	approx. 30–180 m <sup>3</sup> /h approx. 15–160 m <sup>3</sup> /h approx. 15–160 m <sup>3</sup> /h
<b>Air throughput (passive)</b> with G3 filter, at 4 Pa with G3 filter, at 8 Pa with G3 filter, at 10 Pa	approx. 17 m <sup>3</sup> /h approx. 26 m <sup>3</sup> /h approx. 31 m <sup>3</sup> /h
<b>Inherent noise (at 60 m<sup>3</sup>/h )<sup>1</sup></b>	L <sub>PA</sub> = 20 dB (A)
<b>Sound absorption D<sub>n,e,w</sub> (with G3 filter)<sup>2</sup></b> 2 sliders opened 1 sliders opened 0 sliders opened	50 dB 53 dB 57 dB
<b>Power consumption</b> at minimum blower level at 60 m <sup>3</sup> /h	2 W 5 W
<b>Electrical connection</b>	230 V~ / 50 Hz / 0.14 A
<b>Protection class</b>	II, insulated
<b>Protection type</b>	IP 40
<b>Weight</b>	3.12 kg
<b>Dimensions (W x H x D)</b>	270 mm x 467 mm x 132 mm
<b>Casing material</b>	ASA, dyed
<b>Connecting cable (coiled in cable compartment)</b>	max. 4.5 m long, white, with Euro plug
<b>Admissible utilisation temperature (room side)</b>	-15 °C to +40 °C
<b>Technical approval</b>	Z-51.5-206

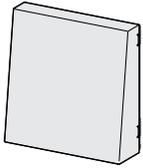
<sup>1)</sup> Measured in accordance with DIN EN ISO 3741 with room insulation 8 dB

<sup>2)</sup> Measured in accordance with DIN EN 10140-2

**Product data sheet**

according to EU Regulation	1253/2014
a Manufacturer	SIEGENIA
b Model identification	AEROPAC SN
c Energy consumption (SEV); Energy efficiency class (SEC class) (according to climatic zone warm / average / cold)	– 4.8 kWh/(m <sup>2</sup> · a); F – 13.4 kWh/(m <sup>2</sup> · a); E – 28.5 kWh/(m <sup>2</sup> · a); B
d Type	WLA / ELA
e Type of drive	Multi-stage drive
f Heat recovery system	—
g Degree of temperature change	—
h Highest air flow rate	180 m <sup>3</sup> /h
i Electrical input power	27 W
j Noise level	31 dB (A)
k Relative air flow rate	71 m <sup>3</sup> /h
l Relative pressure differential	—
m Specific input power	0.07 W/(m <sup>3</sup> /h)
n Control factor / control typology	1.21 / 0.95
o Highest degree of inner and outer leakage rate (inner / outer leakage)	—
p Mix rate (inner area / outer area)	—
q Instructions for replacing filter	See original operating instructions <a href="#">H47.WANS011INT</a>
r Instructions for the mounting of outside air / exhaust air grilles (for one-directional ventilation units)	See original operating instructions <a href="#">H47.WANS011INT</a>
s Instructions for dismantling	—
t Pressure fluctuation sensitivity of the air flow (at +20 Pa and –20 Pa)	12 % / < 10 %
u Air tightness between inside and outside	4.2 m <sup>3</sup> /h

**Spare parts and accessories**

Material description	Material number	Colour	Content
Front panel AEROPAC, similar to RAL 9003 signal white (high gloss)	L5460260-004010	Alpine white	
Dust filter G3 (for coarse dust)	L5460270-097010	Black	
Dust filter F5 (for pollen / fine dust)	L5460280-096010	White	
NOx filter F7 (for pollen / fine dust / nitrogen dioxide)	L5460510-099010	anthracite	
Activated carbon filter (e.g. for exhaust fume odours)	L5460290-099010	Black	
Weather grille F. NW 75, similar to RAL 9010	158289	White	
Weather grille F. NW 75, similar to RAL 8019	158296	Brown	
Ventilation pipe, NW 75, outer $\varnothing$ 80 mm, 500 mm length	135600	grey	
Stainless steel weather grille hood	L5477020-000010		
Vent duct EPP (Sound absorption $D_{n,e,w}$ up to 58 dB)	For detailed information, see technical data sheet H40. WANS018EN		