

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

Technical specifications

	AEROPAC
Air throughput (active) with G3 filter with F5 filter with active carbon filter	approx. 30–180 m ³ /h approx. 15–160 m ³ /h approx. 15–160 m ³ /h
Air throughput (passive) with G3 filter, at 4 Pa with G3 filter, at 8 Pa with G3 filter, at 10 Pa with G3 filter, at 20 Pa	approx. 17 m ³ /h approx. 26 m ³ /h approx. 31 m ³ /h approx. 59 m ³ /h
Inherent noise (at 60 m ³ /h) ¹	L _{PA} = 20 dB (A)
Sound absorption D_{n,e,w} (with G3 filter) ² 2 sliders opened 1 sliders opened 0 sliders opened	50 dB 53 dB 57 dB
Power consumption at minimum blower level at 60 m ³ /h	2 W 5 W
Electrical connection	230 V~ / 50 Hz / 0.14 A
Protection class	II, insulated
Protection type	IP 40
Weight	3.12 kg
Dimensions (W x H x D)	270 mm x 467 mm x 132 mm
Casing material	ASA, dyed
Connecting cable (coiled in cable compartment)	max. 4.5 m long, white, with Euro plug
Admissible utilisation temperature (room side)	-15 °C to +40 °C
Technical approval	Z-51.5-206

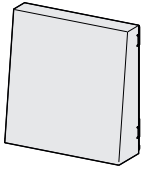
¹⁾ Measured in accordance with DIN EN ISO 3741 with room insulation 8 dB

²⁾ Measured in accordance with DIN EN 10140-2

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 ² · a); F – 13.4 kWh/(m ² · a); E – 28.5 kWh/(m ² · 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 ³ /h
i Electrical input power	27 W
j Noise level	31 dB (A)
k Relative air flow rate	71 m ³ /h
l Relative pressure differential	—
m Specific input power	0.07 W/(m ³ /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 H47.WANS011INT
r Instructions for the mounting of outside air / exhaust air grilles (for one-directional ventilation units)	See original operating instructions H47.WANS011INT
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 ³ /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		