

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

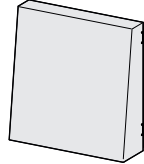
Data table

AEROPAC		
Inherent noise (at 60 m ³ /h) measured in accordance with DIN EN ISO 3741 (at 8 dB room insulation)	$L_{PA} = 20 \text{ dB(A)}$	
Sound absorption in accordance with DIN EN ISO 140-10:	with Filter ISO coarse 55%:	
2 sliders opened	$D_{n,e,w}$	50 dB
1 sliders opened	$D_{n,e,w}$	53 dB
all sliders closed	$D_{n,e,w}$	57 dB
Air throughput with blower (AEROPAC, AEROPAC smart)	Filter ISO coarse 55%	approx. 15 - 160 m ³ /h
	Filter ISO ePM10 50%	approx. 15 - 160 m ³ /h
	Activated carbon filter	approx. 15 - 160 m ³ /h
Air throughput without blower (AEROPAC DD) DD = pressure differential principle	Filter ISO coarse 55%	approx. 17 m ³ /h at 4 Pa
	Filter ISO coarse 55%	approx. 26 m ³ /h at 8 Pa
	Filter ISO coarse 55%	approx. 31 m ³ /h at 10 Pa
	Filter ISO coarse 55%	approx. 59 m ³ /h at 20 Pa
Supply voltage	230 V AC / 50 Hz 0.14 amps	
Power consumption	at minimum blower level	2 W
	at 60 m ³ /h	5 W
Protection class	II, insulated	
Protection class	IP 40	
Casing material	ASA, dyed	
Connecting cable (coiled in cable compartment)	max. 4.5 m long, white, with Euro plug	
Dimensions (W x H x D)	270 mm x 467 mm x 132 mm	
Weight	3.12 kg	
Technical approval	Z—51.5—206	
Admissible utilisation temperature	-15°C– 40°C	

Information requirements (in accordance with EU Regulation 1253/2014)

a	Producer	SIEGENIA
b	Model identifier	AEROPAC SN
c	Energy consumption (SEC); Energy efficiency class (SEC class) (according to climatic zone warm / average / cold)	-1,7 kWh/(m ² · a); F -10,3 kWh/(m ² · a); E -25,3 kWh/(m ² · a); B
d	Type	WLA / ELA
e	Type of drive	Multi-stage drive
f	Heat recovery system	—
g	Thermal efficiency	—
h	Maximum flow rate	160 m ³ /h
i	Electrical input power	27 W
j	Noise level	31 dB (A)
k	Relative air flow rate	160 m ³ /h
l	Relative pressure differential	—
m	Specific input power	0,17 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.WANS015INT
r	Instructions for the mounting of outside air / exhaust air grilles (for one-directional ventilation units)	See original operating instructions H47.WANS015INT
s	Instructions for dismantling	—
t	Pressure fluctuation sensitivity of the air flow (at +20 Pa and -20 Pa)	6 % / 6 %
u	Air tightness between inside and outside	4.2 m ³ /h

Spare parts and accessories

Material description	Material number	Colour	Content/Quantity
Filter ISO coarse 55%	L3460090-097010	White	1
Filter ISO coarse 55%	L3460090-097860	White	3
Filter ISO ePM10 50% (for pollen / fine dust)	L5460280-096010	White	1
Activated carbon filter (e.g. for exhaust fume odours)	L5460290-099010	Black	1
NOx filter F7 (for pollen / fine dust / nitrogen dioxide)	L5460510-099010	Anthracite	1
Weather grille F. NW 75, similar to RAL 9010	158289	White	1
Front panel AEROPAC, similar to RAL 9003 signal white (high gloss)	L5460260-004010	Alpine white	1
Weather grille F. NW 75, similar to RAL 9010	158289	White	1
Weather grille F. NW 75, similar to RAL 8019	158296	Brown	1
Ventilation pipe, NW 75, outer \varnothing 80 mm, 500 mm length	135600	grey	1
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.WANS018DE		