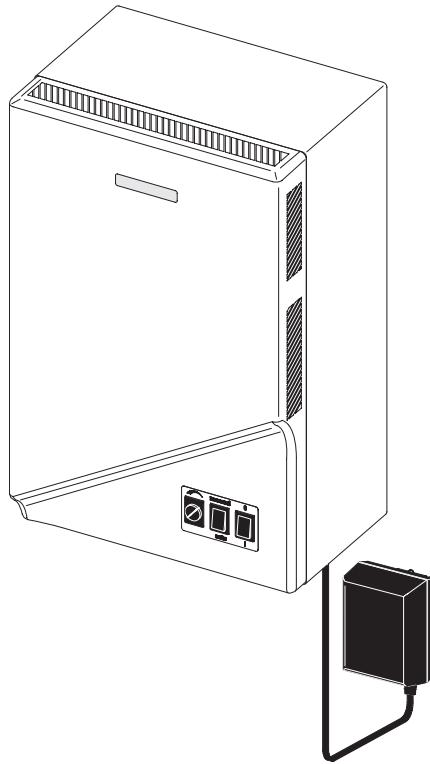


Wall mounted ventilator with sound absorption and heat recovery



Application

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

Function

- The low-noise AEROPLUS provides controlled and energy-saving ventilation indoors (suitable for damp rooms).

Features

- Sound absorption
- Low internal noise
- unit with heat recovery
- automatically controlled dehumidification (no formation of condensation in the device)
- manually adjustable to continuous operation
- Adjustable air flow
- available with an optional electric pipe lock
- The AEROPLUS uses an electrically operated ventilator to draw in fresh air from the outside and provide fresh filtered air inside and then extracts the filtered stale air to the outside.
- The device is operated using a button and selector switch on the front panel.
- The device can be controlled manually or automatically.

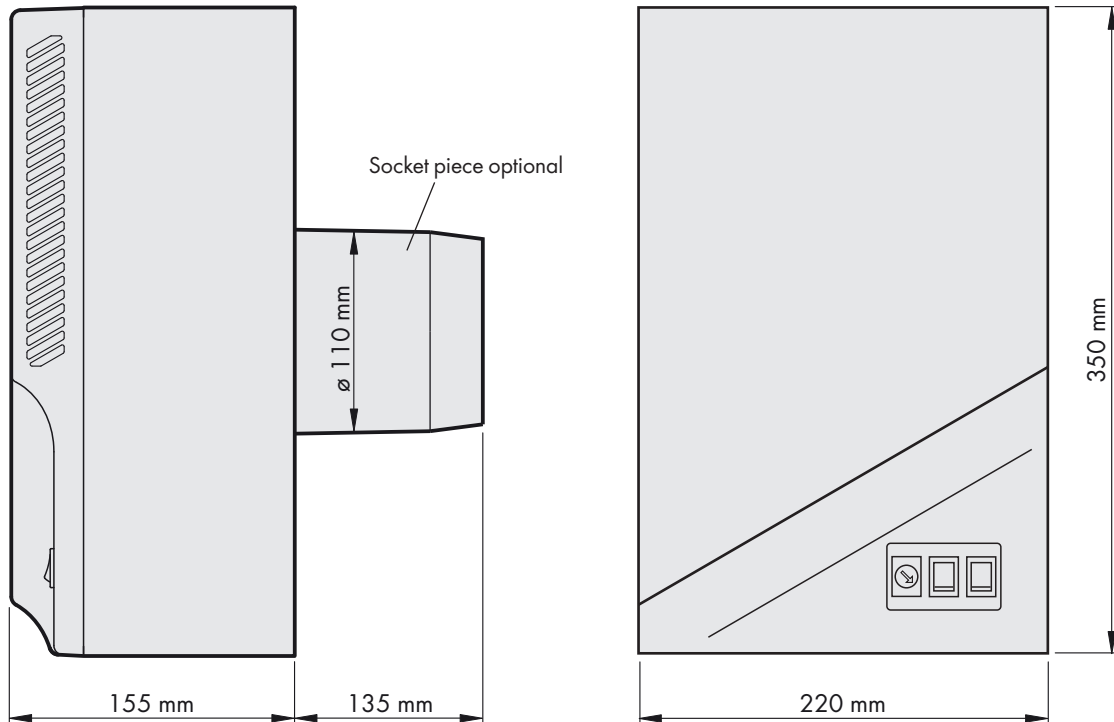
Technical specifications

	AEROPLUS
Air throughput measured per air flow (measured based on DIN 24163)	of approx. 10 m ³ /h to approx. 30 m ³ /h
Inherent noise (measured in accordance with DIN EN ISO 3745, at 8 dB room insulation)	of L _N = 30 dB (A) to L _N = 40 dB (A)
Power consumption	of 4 W to 7 W
Electrical connection (power pack corrector 12 V with Euro plug)	230 V~ / 0,03 A
Protection class	II
Connection cable (cable outlet at rear of unit, top)	2 m long
Heat recovery efficiency	to 68 %
Sound absorption (measured according to DIN EN 20140-10)	R _{w1,9} = 33 dB D _{n,e,w} = 40 dB
Casing colour	RAL 9003 signal white
Bypass for the prevention of condensation in the device	

Product data sheet (according to EU Regulation 1254/2014)

a	Manufacturer	SIEGENIA
b	Model identification	AEROPLUS
c	Energy consumption (SEV); Energy efficiency class (SEV class) (according to climatic zone warm / average / cold)	– 13,7 kWh/(m ² · a); E – 36,6 kWh/(m ² · a); A – 76,5 kWh/(m ² · a); A+
d	Type	WLA / ELA
e	Type of drive	Rotational speed control
f	Heat recovery system	Recuperative
g	Degree of temperature change	68 %
h	Highest air flow rate	20 m ³ /h
i	Electrical input power	7 W
j	Noise level	46 dB (A)
k	Relative air flow rate	14 m ³ /h
l	Relative pressure differential	–
m	Specific input power	0,32 W/(m ³ /h)
n	Control factor / control typology	1,21 / 0,65
o	Highest degree of inner and outer leakage rate (inner / outer leakage)	33 % / 91 %
p	Mixed rate (inner area / outer area)	37 % / 8 %
q	Instructions for replacing filter	see Installation and operating instructions (H47.WANS005EN)
r	Instructions for the mounting of outside air / exhaust air grilles (for one-directional ventilation units)	see Installation and operating instructions (H47.WANS005EN)
s	Instructions for dismantling	–
t	Pressure fluctuation sensitivity of the air flow (at +20 Pa and -20 Pa)	93 %
u	Air tightness between inside and outside	–
v	Annual power consumption	2,3 kWh/a
w	Annual saving of heating energy (according to climatic zone warm / average / cold)	18,9 kWh/a 41,7 kWh/a 81,6 kWh/a

Dimensions



Ordering information

For flush mounting: Please indicate when placing your order as an internal transformer will be installed.

Material description	Material number
AEROPLUS 12 V (inc. pipe 2-way NW 100 and weather grille)	251867
AEROPLUS 12 V with electrical pipe lock (inc. pipe 2-way NW 100 and weather grille)	L5170020-096010
Spare part: Original replacement filter (perforated for replacement)	895559
Accessory: Weather grille brown	922.7332.5001U10
Accessory: PP ventilation pipe (2-way), 380 mm long	L3170010-096010
Accessory: PP ventilation pipe (2-way), 765 mm long	L3170020-096010
Accessory: PVC ventilation pipe (2-way), NW 100, 775 mm long (just for devices with socket piece)	L5300010-096010

SIEGENIA®
brings spaces to life

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