SIEGWARE

Architectural Innovations

Ventilation Catalogue

Issue: 17/10/2024



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AEROPAC SN

The small sound absorbing ventilator with big benefits: quiet, powerful, easy to use, quick to install. There is a proven solution that has been used in countless projects to combat the increased noise pollution from fresh air supply systems: our sound-absorbing ventilator AEROPAC® – compact, quiet as a whisper, and with well over one hundred thousand installations. In combination with sound insulated windows, its sound absorption makes your own four walls a place of tranquility and relaxation again, regardless of road, rail or air traffic outside. Other environmental problems such as fine dust and pollen stay outside too, thanks to three different, optional filters. The air exchange of the AEROPAC® can be conveniently set at several levels, as required, via the LCD. This little all-rounder consumes just 5W at 60 m³h.

Package contains AEROPAC Ventilator, Wall Tube, Outer Cover and Instruction Booklet. The AEROPAC comes pre fitted with a Activated Carbon Filter as standard.



Part Code	Part Code Description		Packing Unit
AEROPAC_AU	AEROPAC SN Ventilator	White	1



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AEROPAC Replacement Filters

Replacement filters suitable for AEROPAC SN (AEROPAC_AU) Ventilators. It is generally recommended to replace filters once every 6 months. Please refer to AEROPAC documentation for replacement schedules specific your filtration needs.



Part Code	Description	Description Filter	
L3460100-009011	POLLEN FILTER	ISO ePM10 50% (formerly M5)	1
L5460290-099010	ACTIVATED CARBON FILTER	SPPI 10	1
L5460510-099010	NOx FILTER	F7 NOx and Pollen	1

^{*}Activated carbon filter shown in image.

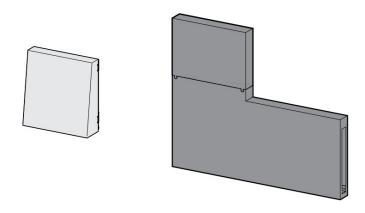


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AEROPAC Spare parts and accessoreis

AEROPAC Spare parts and accessores. These parts are special order only. Please contact Siegware for more information.



Part Code	Description	Colour	Packing Unit	Special Order
L5460260-004010	AEROPAC Front Panel (similar to RAL9003 high gloss)	Alpine White	1	YES
L3460110-002010	WEATHER GRILLE D 80	White RAL9003	1	YES
L3460110-011010	WEATHER GRILLE D 80	Brown RAL8019	1	YES
135600	Ventilation Pipe - 80mm OD, 500mm Length	Grey	1	YES
L5477020-000010	Weather Grill Hood (stainless steel)	-	1	YES
Vent Duct EPP	Vent Duct (sound adsorbtion up to 58dB).	-	1	YES



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AEROTUBE WRG

The right solution for every need. As the requirements for controlled ventilation can be so different, the AEROTUBE can adapt accordingly. The AEROTUBE WRG smart is an extremely energy-efficient ventilation unit. The automatic demand-controlled ventilation adapts the volume flow to the room conditions. The economic operating mode coupled with high heat recovery leads to one of the most energy-efficient devices in its class and it has been granted the A+ label. This means the highest standard of controlled room ventilation. The AEROTUBE WRG smart can be used in pairs and also spanning the room. The alternating operation mode enables supply air and exhaust air operation with heat recovery, changing in one minute cycles. The AEROTUBE WRG can be controlled via the Siegenia Comfort App



Part Code	Description	Heat Recovery Efficiency	Colour	Packing Unit
AEROTUBE_WRG	AEROTUBE WRG Ventilator	Max 90%	White	1

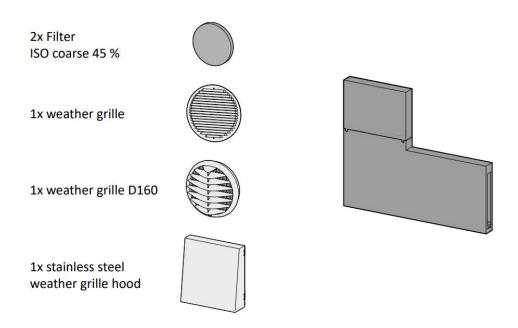


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AEROTUBE Spare parts and accessories

AEROTUBE WRG Spare parts and accessores. These parts are special order only. Please contact Siegware for more information.



Part Code	Description	Packing Unit	Special Order
L3470140-093110	Aerotube Filter Set - 2pcs ISO Coarse 45%	1	YES
L5477000-0V0010	Weather Grille (aluminium zinc - choice of RAL colour)	1	YES
L5477010-000010	Weather Grille (stainless steel)	1	YES
L5477020-004010	Weather Grille (PVC)	1	YES
L5477020-000010	Weather Grill Hood (stainless steel)	1	YES
Vent Duct EPP	Vent Duct (sound adsorbtion up to 51dB).	1	YES



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AEROMAT Mini

As an energy saving passive ventilator the AEROMAT mini offers big benefits for the smallest room. Its fresh air supply with flow control ensures a comfortable living environment. The AEROMAT Mini can easily be installed in timber, uPVC and aluminium windows so that it is almost invisible.





Part Code	Description		Packing Unit
L4210100-004040	AEROMAT MINI Passive Rebate Ventilator	White	1



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AEROMAT Midi

The AEROMAT Midi has intelligent design with a double locking mechanism, volumetric flow limiter and insect screen integrated into the weather grille. The duct set varient can be installed in either the frame, sash or attachment profile. The eurogroove varient allows for installation on the head (outside) and sash (inside).



Part Code	Description	Colour	Packing Unit
L4210220-004122	AEROMAT MIDI FIT EUROGROOVE SET	White	1
L4210240-004122	AEROMAT MIDI PROF SET	White	1

*Note: Eurogroove set shown (L4210220-004122)



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AEROMAT Midi HY

AEROMAT MIDI HY is an intelligent passive window ventilator that features variable ventilation depending on the humidity. The compact window ventilator's air supply is achieved by equalising press between the indoor and outdoor air (presssure differential principle).

AEROMAT MIDI HY 42dB models also feature sound adsorbtion capability.



Part Code	Description	Colour	Packing Unit	Special Order
L4210320-004121	AEROMAT MIDI HY	White	1	NO
L4210330-023121	AEROMAT MIDI HY	Black	1	YES
L4210340-028121	AEROMAT MIDI HY	Grey	1	YES
L4210420-004121	AEROMAT MIDI HY 42dB	White	1	YES
L4210430-023121	AEROMAT MIDI HY 42dB	Bkack	1	YES
L4210440-028121	AEROMAT MIDI HY 42dB	Grey	1	YES



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AEROMAT Flex

The AEROMAT FLEX enables a fresh air supply without interfering with the facade image. Because it simply makes optimal use of the installation space of windows and lift and slide elements. The omission of milling grooves on the elements means that not only are their burglar resistance and their sound absorption unaffected, but this also applies to the production processes.

Additional modules can be installed on the AEROMAT FLEX to improve sound adosrbancy, increase duct length and allow for installation into the reveal.



Part Code	Description	Colour	Packing Unit
L4281200-004010	AEROMAT FLEX Ventilator (41 dB)	White	1
L4281410-004010	AEROMAT FLEX Reveal Extension Module	White	1
L4281300-004010	AEROMAT FLEX Additional Sound Insulation Module	White	1
L4281400-004010	AEROMAT FLEX Extended Duct Set	White	1



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AEROMAT 80 / 100 / 150

The AEROMAT 80, AEROMAT 100 and AEROMAT 150 window ventilators use the natural pressure differential between the outside and inside air for a demand-based fresh air supply with effective sound absorption. They thus provide a comfortable and healthy room atmosphere. The difference between the three versions is not only in the unit height, which can be deduced from the name, because different air supply and sound absorption performances as well as different installation locations are possible depending on the model and type. The colour of the ventilator casing can also be individually designed to adapt to the premises.

Please note that AEROMAT 80 / 100 /150 systems are manufactuerd on demand according to client specification. Please contact Siegware for a consultation on your requirements.



Model	Unit Height	Width	Depth	Sound Adsorbtion	Air Throughput
AEROMAT 80	80mm	300-3000mm	95mm	47dB @ 15m³/h and 28dB @ 90m³/h	15-90 m³/h @ 10Pa
AEROMAT 100	100mm	600-3000mm	140mm	49dB @ 20m³/h and 46dB @ 30m³/h	20-30 m³/h @ 10Pa
AEROMAT 150	150mm	600-3000mm	190mm	51dB	60 m³/h @ 10Pa

^{*}AEROMAT 150 shown in image.



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AEROMAT VT

The AEROMAT VT is a modular façade ventilation system that delivers a wide variety performance and feature options in a neat and uniform package. The AEROMAT VT provides decenralised ventilation with additional benefits. The modular layout options include heat revovery ventilation, filtration, sound isolation and smart integrations via the Siegnia Comfort app or BUS style systems.

System benefits include:

- Seamless integration into reveal, wall or lintel.
- Concealed installation options
- Enhanced sound adsorbtion for building projects with high accousic demands
- Configurable installation options such as width and colour
- Filter options include coarse, fine-dust and NOx filters
- Demand based automatic ventilation with optional air quality control
- Configurable for cross and night ventilaton.

Please note that AEROMAT VT systems are manufactuerd on demand according to client specification. Please contact Siegware for a consultation on your requirements.



Model	Function	Air Throughput	Heat Recovery Efficiency	Sound Adsorbtion
VT WRG	Supply and exaust air with heat recovery	Up to 60m³/h	Max 93%	Up to 59dB
VT WRG Plus	Supply and exaust air with heat recovery	Up to 45m³/h	Max 95%	Up to 58dB
VT A	Exhaust air unit	Up to 120m³/h	=	Up to 57dB
VT Z	Air supply unit	Up to 120m³/h	-	Up to 57dB
VT D	Passive vent (based on pressure differential)	Up to 58m³/h	-	Up to 64dB



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*This document is to be used as a guideline only and is subject to change without notice. While every effort has been made to ensure technical accuracy, it is the responsibility of the user to ensure all manufacturer processing guidelines are strictly followed.

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