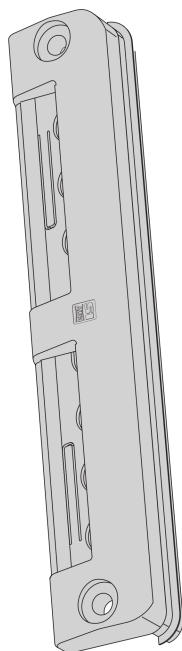


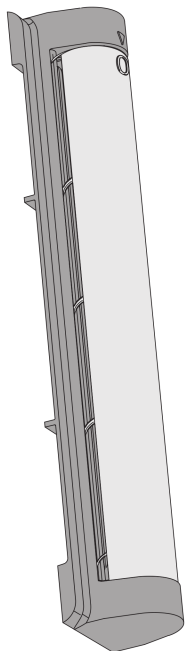
AEROMAT mini

Window rebate ventilator with turn lock

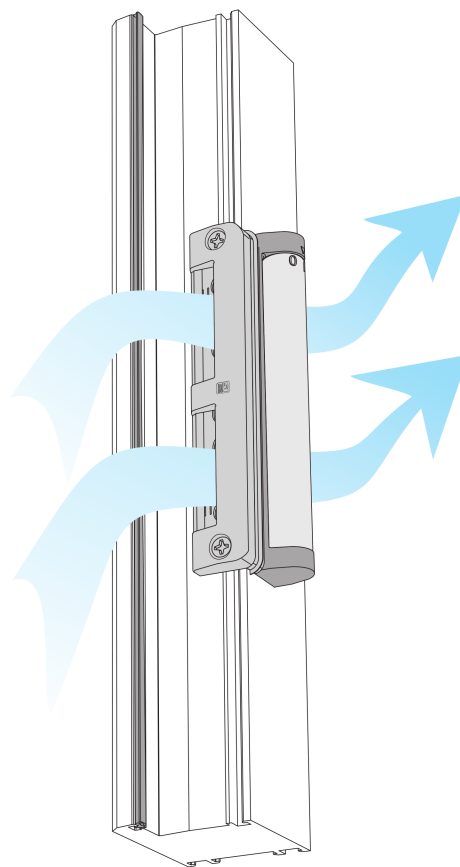
AEROMAT mini



Turn lock (optional)



Functional principle



Application

- For timber, PVC and aluminium windows and portal doors
- Horizontally in the top and in the side rear bead leg height

Function

- The AEROMAT mini is a passive window rebate ventilator built for installation in the upper third of the window. The unit works by equalising the pressure of the indoor and outdoor air (pressure differential principle).
- Through a specially balanced float, the integrated air quantity regulator (volume flow limiter) prevents excessive amounts of air from flowing indoors when the wind pressure is high (e.g. during a storm). If the air pressure drops, the air quantity regulator opens to let in fresh air.
- Using the optional turn lock, you can open and close the air inlet manually.

Technical specifications and colours are subject to

H4045.0039en/0

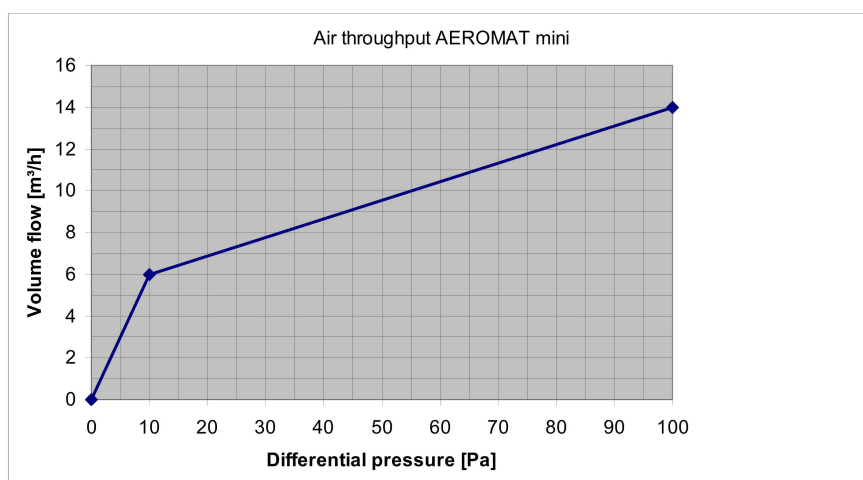
AEROMAT mini

Technical data

AEROMAT mini	Throughput data
Air throughput at 4 Pa at 8 Pa at 10 Pa at 100 Pa	approx. 3 m ³ /h ¹⁾ approx. 5 m ³ /h ¹⁾ approx. 6 m ³ /h ¹⁾ up to approx. 14 m ³ /h ¹⁾
Classification for Watertightness to DIN EN 12208	Watertight to max test pressure 600 Pa
Dimensions (W x H x D)	125 mm x 21.3 mm x 16.4 mm
Sound absorption in accordance with ISO 140-10:1991-12	
Test results: Given that the window has a sound absorption of 42 dB, the use of one AEROMAT mini reduces sound absorption by 1-2 dB and the use of two AEROMAT mini units reduces sound absorption by 3 dB. The turn lock has no effect on the sound absorption.	
Turn lock	
Dimensions (W x H x D)	125 mm x 18 mm x 22.5 mm

¹⁾ When installing two units (depending on the profile)

Air throughput diagram



AEROMAT mini versions

Material description	Colour	VKE	Material no.
AEROMAT mini, Standard ²⁾ ³⁾	RAL 9016 white	Quantity of 25	L4210100-004040
AEROMAT mini, leg 2.5 mm ²⁾ ³⁾	RAL 9016 white	Quantity of 25	L4210110-004040
AEROMAT mini, leg 5 mm ²⁾ ³⁾	RAL 9016 white	Quantity of 25	L4210120-004040
Turn lock ³⁾ ⁴⁾ ⁵⁾	RAL 9016 white	Quantity of 25	L4210050-004040
	Sl-silver	Quantity of 25	L4210130-025040

²⁾ See AEROMAT mini profile data list.

³⁾ Closed order quantities of min. 3000 pieces in a special colour (dyed throughout, similar to RAL colours) are possible at an additional charge, (with the exception of: red, orange, terra and metallic colour tones).

⁴⁾ Closed order quantities of min. 1000 pieces in a special colour (coated, all RAL colours) are possible at an additional charge.

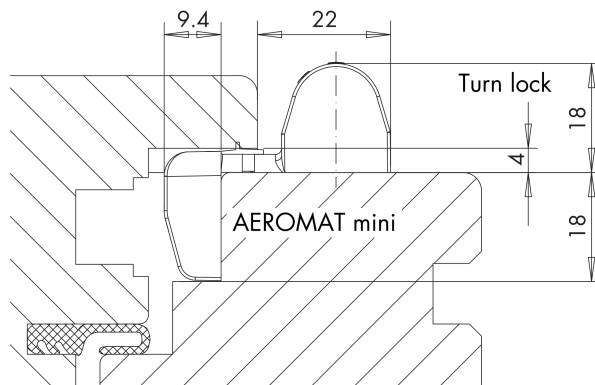
⁵⁾ A 90° limit stay must be installed for aluminium windows with LM fittings and a surface mounted hinge side.

Jigs

Material description	VKE	Material no.
Jig PVC/Timber	Quantity of 1	L4210080-522010
Jig LM	Quantity of 1	L4210090-522010
Template timber for 9 mm groove axis	Quantity of 1	L4210070-522010
Template timber for 13 mm groove axis	Quantity of 1	L4210210-522010

AEROMAT mini – turn lock

Positioning on the frame



Profile allocation

Unit type	Diagram showing AEROMAT mini in frame (profiles shown symbolically)		
AEROMAT mini, Standard (Mat. no. L4210100-004040)	Timber profile	PVC profile	Aluminium profile

	PVC profile
AEROMAT mini, leg 2.5 mm (Mat. no. L4210110-004040)	

	PVC profile	Aluminium profile
AEROMAT mini, leg 5 mm (Mat. no. L4210120-004040)		

Aluminium frame groove dimensions

A0004	A0006	A0016	A0022

AEROMAT mini profile data list

Timber profiles

Manufacturer	Profil system	Unit type	Material no.
Timber	Eurofold 18/8-12/18-9	Standard	L4210100-004040
	Eurofold 18/8-12/20-9	Standard	L4210100-004040
	Eurofold 20/8-12/18-9	Standard	L4210100-004040
	Eurofold 20/8-12/20-9	Standard	L4210100-004040
	Eurofold 24/8-12/18-13	Standard	L4210100-004040
	Eurofold 24/8-12/20-13	Standard	L4210100-004040
	Eurogroove 7/8x4-12/18-9 FT18	Standard	L4210100-004040
	Eurogroove 7/8x4-12/20-9 FT18	Standard	L4210100-004040
	Eurogroove 7/8x4-12/18-9 FT20	Standard	L4210100-004040
	Eurogroove 7/8x4-12/20-9 FT20	Standard	L4210100-004040
	Eurogroove 11/8x4-12/18-13	Standard	L4210100-004040
	Eurogroove 11/8x4-12/20-13	Standard	L4210100-004040

PVC profiles

Manufacturer	Profil system	Unit type	Material no.
Alphacan	Alphacan	Standard	L4210100-004040
	Alphacan Profilia MD PE612/PE601	Leg 5 mm	L4210120-004040
	Alphacan Alpha 70	Standard	L4210100-004040
	Alphacan Alpha 80	Standard	L4210100-004040
Aluplast	Aluplast Ideal 1000 100022/100001	Standard	L4210100-004040
	Aluplast Ideal 2000 120023/120002	Standard	L4210100-004040
	Aluplast Ideal 3000 130023/130003	Standard	L4210100-004040
	Aluplast Ideal 4000 140023/140002	Standard	L4210100-004040
	Aluplast Ideal 5000 150023/150002	Standard	L4210100-004040
	Aluplast Ideal 6000 160025/160003	Standard	L4210100-004040
	Aluplast Ideal 7000	Standard	L4210100-004040
	Aluplast Ideal 8000	Standard	L4210100-004040
Broekelmann ALU with PVC-Groove	Brökelmann Serie RG 75 RG1215/RG1130	Standard	L4210100-004040
Deceuninck	Deceuninck Mondial 2000 2020/2000	Standard	L4210100-004040
	Deceuninck Mondial 2100 Classic2105/2100	Standard	L4210100-004040
	Deceuninck Zendow 3051/3001	Standard	L4210100-004040
Dimex	Dimex Accord Contour 7.0AD 712100/711800	Standard	L4210100-004040
	Dimex Accord Contour 7.0AD 712100/720100	Standard	L4210100-004040
	Dimex Elegance 8.0 AD 8103/8101	Standard	L4210100-004040
	Dimex Elegance 8.0 MD 8112/8111	Standard	L4210100-004040
	Dimex Komfort 210200/210100	Standard	L4210100-004040
Gealan	Gealan S8000 8094/8003	Standard	L4210100-004040
	Gealan S7000 7093/7008	Standard	L4210100-004040
	Gealan S3000 3093/3011	Standard	L4210100-004040
Horizont	HORIZONT PS penta 2521/2511	Standard	L4210100-004040
KBE	KBE AD 317/306	Standard	L4210100-004040
	KBE AD 70 370/375	Standard	L4210100-004040
	KBE MD 112/100	Leg 2.5 mm	L4210110-004040
	KBE MD 70mm	Standard	L4210100-004040

AEROMAT mini profile data list

PVC profiles

Manufacturer	Profil system	Unit type	Material no.
Kömmerring	Kömmerring EuroFutur Elegance 0111/0101	Standard	L4210100-004040
	Kömmerring EuroFutur Classic 2411/2401	Standard	L4210100-004040
	Kömmerring Eurodur 3S 1411/1401	Standard	L4210100-004040
	Kömmerring K-Vision	Standard	L4210100-004040
	Kömmerring 88+	Standard	L4210100-004040
LB-Profile	LB-Profile PAD AZ 2-3/AL 1-3	Standard	L4210100-004040
	LB-Profile PCD AD CZ 2-5/CL 2-5	Standard	L4210100-004040
	LB-Profile PCD MD CZ 2-5/CLM 2-5	Standard	L4210100-004040
	LB-Profile PAD Contour AZ 7-5/AL 7-5	Standard	L4210100-004040
LG-Profile	LG-Profil	Standard	L4210100-004040
Rehau	Rehau Brilliant-Design 550060/550000	Standard	L4210100-004040
	Rehau S735 544050/544080	Standard	L4210100-004040
	Rehau S796 553011/553000	Standard	L4210100-004040
	Rehau Basic-Design 554011/554001	Standard	L4210100-004040
	Rehau Thermo-Design 554051/554151	Standard	L4210100-004040
	Rehau Thermo-Design 70 550720/550710	Standard	L4210100-004040
	Rehau Geneo AD	Standard	L4210100-004040
	Rehau Geneo MD	Standard	L4210100-004040
Roplasto	Roplasto 6001 Plus S AD 640200/619003	Leg 2.5 mm	L4210110-004040
	Roplasto 6001 Plus S MD 640200/610102	Standard	L4210100-004040
	Roplasto 7001 AD 220202/210800	Standard	L4210100-004040
	Roplasto 7001 MD 820204/810705	Standard	L4210100-004040
Salamander	Salamander Design 2D 211025/210020	Standard	L4210100-004040
	Salamander Design 3D 211220/110220	Standard	L4210100-004040
	Salamander Streamline 251020/250220	Standard	L4210100-004040
	Salamander Brüggmann AD HP152/HP102	Standard	L4210100-004040
	Salamander Brüggmann MD HP252/HP202	Standard	L4210100-004040
	Salamander Design MD 111026/110036	Standard	L4210100-004040
	Salamander Design 3D S 211120/110225	Standard	L4210100-004040
	Salamander BluEvolution 171020/170420	Standard	L4210100-004040
Schüco	Schüco Corona CT 70-AS/MD 8562/8558	Standard	L4210100-004040
	Schüco Corona AS 60 2-Kammer 8103/8133	Standard	L4210100-004040
	Schüco Corona AS 60 3-Kammer 8217/8101	Standard	L4210100-004040
	Schüco Corona SI 82 8812/8808	Standard	L4210100-004040
	Schüco Corona CT 70 AS/MD	Standard	L4210100-004040
Inoutic	Prestige Sash Z176/FrameL276	Leg 5 mm	L4210120-004040
	AD Sash Z 13/D / Frame L 10/D	Leg 5 mm	L4210120-004040
	Deluxe Fl. ZD14/D / Ra. LD14/D	Leg 5 mm	L4210120-004040
	Elite Fl. Z710/D / Ra. L710/D	Leg 5 mm	L4210120-004040
	Arcade Fl. ZA780/D / Ra. LA710/D	Leg 5 mm	L4210120-004040
	Exclusive Fl. ZE181/D / Ra. LE127	Standard	L4210100-004040
	MD 100 Fl. ZM100 / Ra. LM100	Leg 5 mm	L4210120-004040
Trocal	Trocal System 88 mm	Leg 2.5 mm	L4210110-004040
	Trocal Confort Fl. 120100/Ra. 110100	Standard	L4210100-004040
	Trocal InnoNova 70 AD 620600/610100	Standard	L4210100-004040
	Trocal InnoNova 70 MD 520600/510300	Standard	L4210100-004040
	Trocal Serie 900 920100/910100	Leg 2.5 mm	L4210110-004040
	Trocal InnoNova 2000 520600/510100	Leg 2.5 mm	L4210110-004040
	Trocal K-trend	Standard	L4210100-004040

AEROMAT mini profile data list

PVC profile

Manufacturer	Profil system	Unit type	Material no.
Veka	Veka Topline AD 103.201/101.204	Standard	L4210100-004040
	Veka Topline MD 103.220/101.220	Standard	L4210100-004040
	Veka Sofiline 70 103.232/101.208	Standard	L4210100-004040
	Veka Swingline 103.235/101.235	Standard	L4210100-004040
	Veka Topline Plus 103.211/101.211	Standard	L4210100-004040
	Veka Sofiline AD 13 103.196/101.086	Standard	L4210100-004040
	Veka Sofiline MD 103.117/101.098	Standard	L4210100-004040
	Veka Sofiline AD 103.100/101.086	Standard	L4210100-004040
	Veka Sofiline MD 70	Standard	L4210100-004040
	Veka Alphaline 90 MD	Standard	L4210100-004040
Wymar	Wymar 2500 Sash 2520/Frame 2212	Standard	L4210100-004040
	Wymar 3000 Sash 3200/Frame 3000	Standard	L4210100-004040
	Wymar 2000 Sash 2201/Frame 2001	Standard	L4210100-004040

Aluminium profile

Manufacturer	Profil system	Unit type	Material no.
Aluminium	A0004	Leg 5 mm	L4210120-004040
	A0006	Standard	L4210100-004040
	A0016	Standard	L4210100-004040
	A0022	Standard	L4210100-004040

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