UK

NATURAL & SOUND ABSORBING VENTILATION

We inspire at **www.duco.eu**

DUCO
Ventilation & Sun Control

HOME OF OXYGEN

Duco Ventilation & Sun Control provides every building with a healthy supply of oxygen. With a comprehensive range of innovative natural and mechanical ventilation systems, either combined with external solar shading or otherwise, Duco offers the ultimate guarantee of a healthy and comfortable indoor climate. The occupant's health is, therefore, central to Duco. A well-thought-out combination of basic ventilation, mechanical extraction, purge ventilation and solar shading ensures optimum air quality. Duco provides an innovative solution for residential buildings, offices, schools or care centres where everyone feels at home.

Duco, Home of Oxygen

DUCO
Ventilation & Sun Control

A SOLUTION FOR **EVERY SITUATION**

→ Finish

Every type of window ventilator in this folder complies with **Qualicoat** and **Qualanod*** quality specifications and is available in **F1/DAR, any RAL colour and in 'Bi-Colour'**.

→ Smart design

Compact housing constructed from aluminium sections. Duco's window ventilators feature a **thermal break***.

* Except DucoTon 80 SR with 12 mm glazing channel

DucoTon 80 SR

→ DucoFilter

This optional filter* **traps pollen and dust particles**. This creates healthier air quality while maintaining excellent airflow.

→ Inner grid

Easy to clean thanks to **easily removable inner grid**.

DucoTop 60 SR

→ For thick glazing units too

Glass-fitted window ventilators available for glass thicknesses **from 6 to 48 mm***.

* See page 33 for a summary by product.

→ Any building situation

Suitable for **new build and renovation projects** in both the residential and non-residential construction industry (offices, schools and healthcare institutions).

→ Any type of window

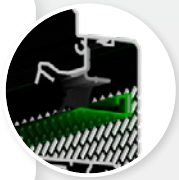
Easy to fit combined with timber windows as well as sliding windows in plastic, aluminium and steel. The window ventilators can even be **preinstalled in the factory** in many cases.

wood aluminium PVC steel

GlasMax SR

→ SR valve

The mechanical elf-regulating valve **prevents annoying drafts** and achieves energy savings.

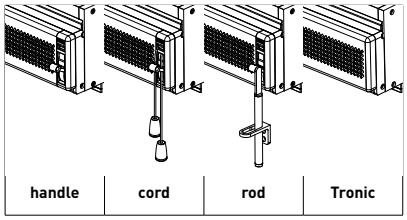


→ High-rise

The SkyMax SR can be used for heights **up to 70 m**.

→ Operation

Simple operation by handle / cord / rod / hand or an electric motor (Tronic).



DucoMax SR / SkyMax SR

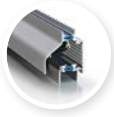
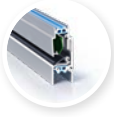
→ Sound absorption

Sustainable sound-absorbing material ensures **acoustic comfort** and does not cause complaints due to allergies.

PRODUCTOVERVIEW

Duco developed a wide range of window ventilators. From acoustic to aesthetically refined vents. Duco can always offer a customized solution: **you name it, we have it!**

POSSIBLE INSTALLATION SITUATIONS

	Fitting over the **glass**	**Transom mounting**	On top of the **window frame**	**Compact transom** mounting	
BASIC VENTS					
 **DucoTop 60 SR** Invisible ventilation	✗	✗	✓	✗	see p. 8
 **DucoPlus 45** Minimum glass reduction	✓	✗	✗	✗	see p. 10
 **DucoPlus 60** Compact vent	✓	✗	✗	✗	see p. 12
 **DucoTon 80 SR** Timeless classic	✓	✓	✗	✗	see p. 14
 **DucoKlep 80 SR** Flat inner grid	✓	✓	✗	✗	see p. 16
 **DucoLine 80 SR** One window ventilator, three airflows	✓	✓	✗	✗	see p. 18
 **DucoFlat 80 SR** Completely flat vent	✓	✓	✗	✗	see p. 20
 **DucoStrip** Aluminium slot ventilators	Through the frame				see p. 22

Legend

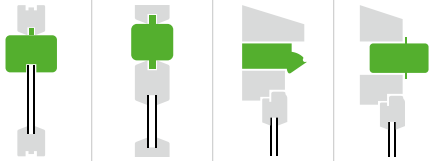
Sound absorption
Can be used in projects with **light** or **heavy (+)** noise exposure

Maximum recommended installation height
up to XX m

Also in Tronic version
Applicable in the DucoTronic (Plus) System

Preheat
Executable with heat strip

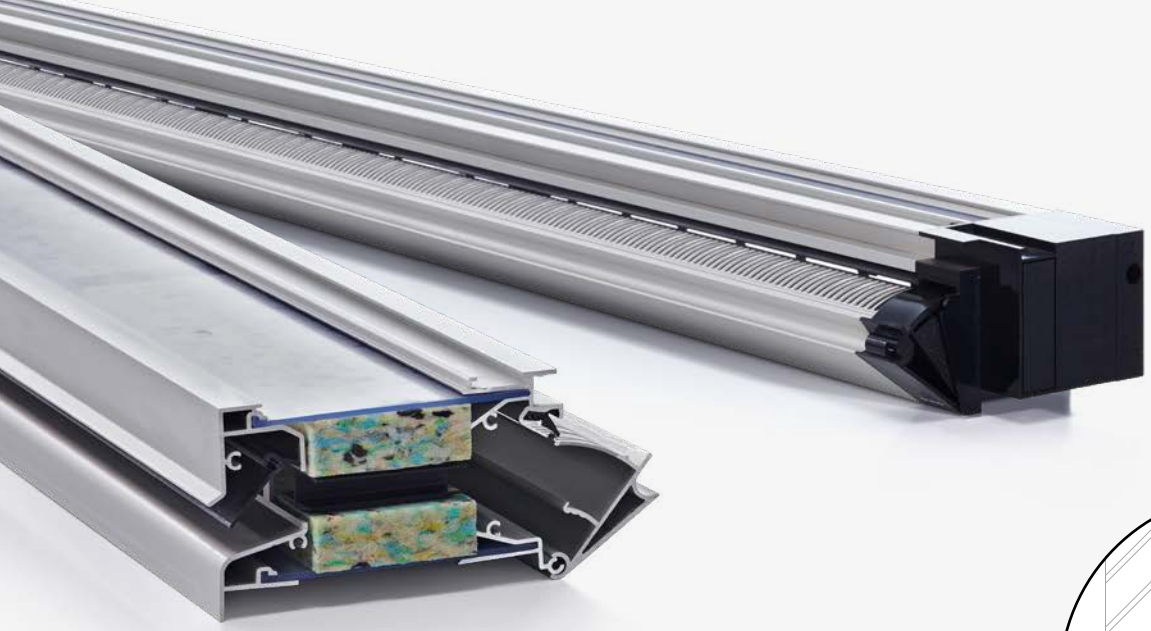
POSSIBLE INSTALLATION SITUATIONS

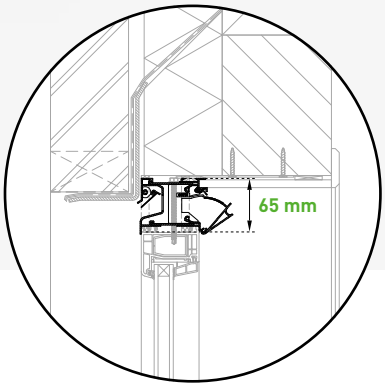


Fitting over the **glass** | **Transom mounting** | On top of the **window frame** | **Compact transom** mounting

SOUND ABSORBING VENTS

	**DucoStripAcoustic** Sound absorbing aluminium slot ventilator	up to 70 m	Through the frame			see p. 24
	**DucoTop 60 SR (AK+)** Invisible ventilation	TRONIC, up to 20 m	✗	✗	✓	✗ see p. 8
	**GlasMax SR** Compact acoustic ventilator	TRONIC, up to 40 m	✓	✓	✗	✓ see p. 26
	**DucoMax SR** Superior sound absorption	TRONIC, up to 40 m	✓	✓	✗	✓ see p. 28
	**SkyMax SR** For high-rise applications	up to 70 m	✓	✓	✗	✓ see p. 28
	**Silenzio SR** Design wall damper	up to 20 m	Fitting through the (outer) wall			see p. 30





On top of the window frame

DucoTop 60 SR (AK+)

Invisible ventilation

The DucoTop 60 SR comes into its own in terms of aesthetics given that the punching is not visible. The upward airflow guarantees a healthy and comfortable indoor climate. With its variable depth, the DucoTop 60 SR provides a perfect fit for any window section between 68 and 188 mm perfectly. The window ventilator consists of a single unit and is quick and easy to fit. The top is transparent and fitted with pre-drilled fibreglass-reinforced ties. The anchor channel at the top provides a rapid and secure fixing to the solid structure. The inner valve is easy to replace.

In the sound-absorbing configurations, the window ventilator can also be utilised in situations with light (**DucoTop 60 SR AK**) or heavy (**DucoTop 60 SR AK+**) noise exposure. The DucoTop 60 is also available as a **dummy**. By keeping to the same detail throughout the room, this false window ventilator without punching on the outside or inside achieves an aesthetically pleasing solution. Fitting is identical to a normal DucoTop 60 SR.

- → Optimum aesthetics thanks to **"concealed" punching**
- → **Adjustable depth** for fitting on any window section
- → Just **60 mm window ventilator height**
- → **Plastic thermal bridge** top and bottom
- → Available in an **acoustic configuration**

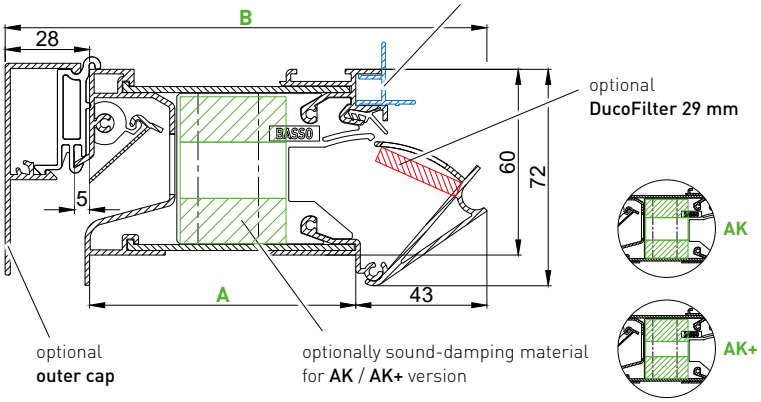
U-value	1,80
Wind tightness class closed position	Class 3
Wind tightness closed position	650 Pa
Water tightness class closed position	E650
Water tightness closed position	650 Pa

Standards: consult the table on page 40.

TRONIC

up to **20 m**

→ DucoTop 60 SR
fitting on top of the window frame



FITTING DEPTHS

The DucoTop 60 SR is **in and extendable** in depth on each frame profile.

Version	Dimension A (see drawing)		Dimension B (see drawing)	
	min.	max.	min.	max.
Corto	68	88	139	159
Basso	88	108	159	179
Medio	108	128	179	199
Alto	128	148	199	219
Largo	148	168	219	239
Grando	168	188	239	259

→ Ventilation- and sound reduction performance

Type DucoTop 60 SR + fitting depth		Airflow (Q) in l/s/m at...			Airflow (Q) in m³/h/m at...			Equivalent area at 1 Pa in mm²/m	Geometrical Free Area in mm²/m	Sound absorption $D_{n,e,}W$ ($C_i;C_{tr}$)* in dB	
		1 Pa	2 Pa	10 Pa	1 Pa	2 Pa	10 Pa			OPEN position	CLOSED position
Corto 68-88 mm	STD	12,9	17,9	13,8	46,4	64,5	49,8	16415	19500	26 (0;-1)	47 (-1,-2)
	AK	13,5	17,9	13,8	48,6	64,5	49,8	17179	19500	28 (0;-2)	45 (-1,-2)
	AK+	8,9	12,3	14,9	32,0	44,2	53,7	11325	19500	30 (-1;-2)	50 (0,-2)
Basso 88-108 mm	STD	12,9	17,9	13,8	46,4	64,5	49,8	16415	19500	26 (0;-1)	46 (0,-1)
	AK	13,3	17,9	13,8	47,9	64,5	49,8	16924	19500	29 (0;-1)	48 (-1,-2)
	AK+	8,3	12,3	14,9	29,9	44,2	53,7	10562	19500	32 (0;-2)	53 (-1,-3)
Medio 108-128 mm	STD	12,6	17,9	13,8	45,4	64,5	49,8	16034	19500	27 (-1;-1)	49 (0,-1)
	AK	13,0	17,9	13,8	46,8	64,5	49,8	16543	19500	30 (0;-2)	50 (0,-2)
	AK+	8,1	12,3	14,9	29,2	44,2	53,7	10307	19500	34 (0;-2)	55 (-1,-4)
Alto 128-148 mm	STD	12,8	17,9	13,8	46,1	64,5	49,8	16288	19500	27 (0;-1)	45 (-1,-3)
	AK	13,1	17,9	13,8	47,2	64,5	49,8	16670	19500	31 (0;-1)	53 (-1,-4)
	AK+	8,1	12,3	14,9	29,2	44,2	53,7	10307	19500	34 (0;-1)	54 (-1,-4)
Largo 148-168 mm	STD	13,0	17,9	13,8	46,8	64,5	49,8	16543	19500	27 (0;-1)	50 (0,-1)
	AK	12,9	17,9	13,8	46,4	64,5	49,8	16415	19500	33 (-1;-2)	53 (-1,-4)
	AK+	7,7	12,3	14,9	27,7	44,2	53,7	9798	19500	37 (0;-2)	55 (-1,-4)
Grando 168-188 mm	STD	12,8	17,9	13,8	46,1	64,5	49,8	16288	19500	28 (0;-1)	48 (0,-2)
	AK	12,6	17,9	13,8	45,4	64,5	49,8	16034	19500	33 (-1;-2)	54 (-1,-4)
	AK+	7,9	12,3	14,9	28,4	44,2	53,7	10053	19500	39 (0;-2)	55 (-1,-4)

* According to EN ISO 717

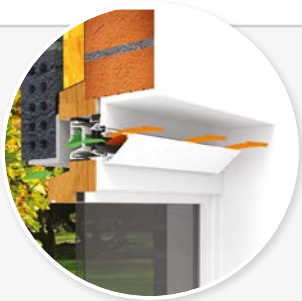
For values with the DucoFilter, see the table on page 40.

TRONIC & CLIMA

TRONIC

With the **TronicTop 60**, the window ventilator is controlled electronically. This means it can be used in the DucoTronic (Plus) System (Wired).
Please refer to our website at **www.duco.eu** for further information.

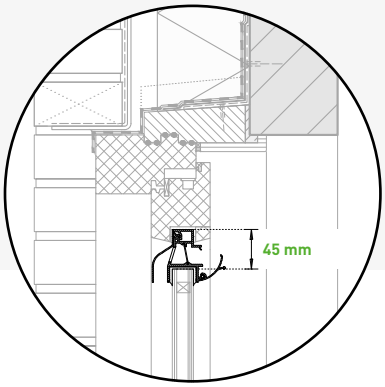
The **ClimaTop 60** is an electronically-controlled variant that is capable of preheating the fresh outside air by means of an internal heat strip if the outdoor temperature falls below 12 °C. This ensures optimal comfort at low outdoor temperatures.



→ ClimaTop 60

MORE INFO
→ **Dimensions & order information:** see page 32 → **Controls & ancillaries:** see page 37
→ **Full specifications:** see page 40

Independently tested by **BRE**



Fitting over the **glass**

Duco**Plus** 45

Minimum glass reduction

DucoPlus 45 is a controllable, aluminium glazed-in window ventilator featuring a curved canopy that guarantees superior weatherability. The positive-action inner tip directs the flow of incoming air upwards.

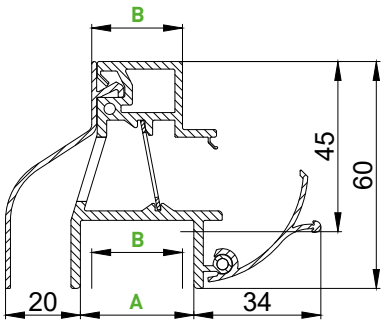
- → Glass reduction of just **45 mm**
- → **Thermal** break
- → **Insect-resistant**

U-value	1,84
Wind tightness class closed position	Class 2
Wind tightness closed position	450
Water tightness class closed position	E900
Water tightness closed position	900
Glass reduction	45 mm

Standards: consult the table on page 40.

up to **20 m**

→ DucoPlus 45
fitting over the glass



VERSIONS WITH GLASS PROFILE

	Dimensions (mm)		
Glass profile (A)	30	34	38
Glass thickness* (B)	24	28	32

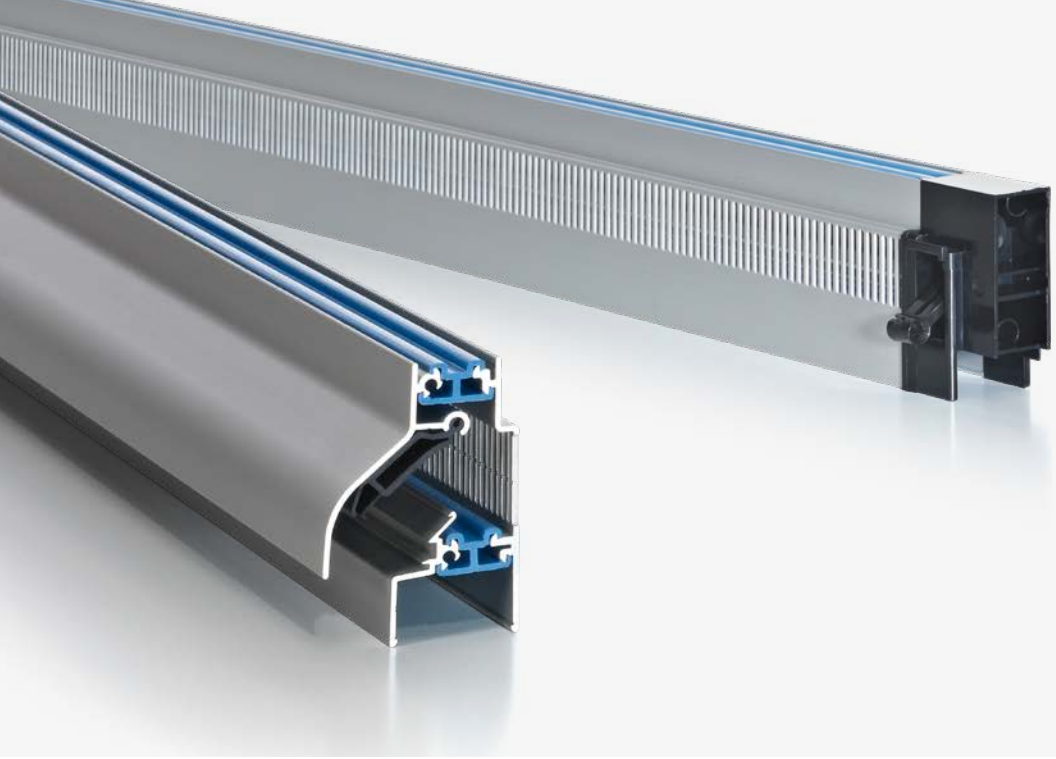
* The specified glass thickness is applicable to (Duco) glazing rubber. When kitting, you should take a minimum of 4 mm and maximum of 8 mm difference between glass thickness and glass profile.

→ Ventilation- and sound reduction performance

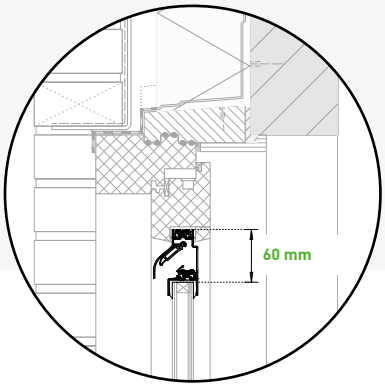
Type	Airflow (Q) in l/s/m at...			Airflow (Q) in m³/h/m at...			Equivalent area at 1 Pa in mm²/m	Geometrical Free Area in mm²/m	Sound absorption $D_{n,e,}W (C;C_{tr})^*$ in dB	
	1 Pa	2 Pa	10 Pa	1 Pa	2 Pa	10 Pa			OPEN position	CLOSED position
DucoPlus 45	7,1	10,03	22,50	25,56	36,10	81,00	8980	10000	25 (0;0)	41 (-1;-2)

* According to EN ISO 717

MORE INFO → **Dimensions & order information:** see page 32 → **Controls & ancillaries:** see page 37
→ **Full specifications:** see page 40



Independently tested by **BRE**



Fitting over the **glass**

Duco**Plus** 60

Compact vent

DucoPlus 60 is a compact flap window ventilator. This ventilator ensures excellent airflow in spite of a glass reduction of just 60 mm. The perforated inner grid keeps insects out.

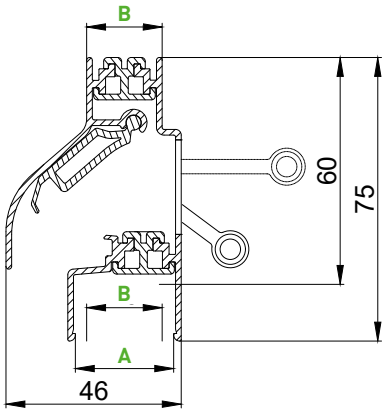
- **Minimal glass reduction**, maximum airflow
- Favourable **acoustic** properties
- Authentic Duco **'Soft-Line' design**

U-value	4,02
Wind tightness class closed position	Class 3
Wind tightness closed position	650
Water tightness class closed position	E650
Water tightness closed position	650
Glass reduction	60 mm

Standards: consult the table on page 40.

up to **20 m**

→ DucoPlus 60
fitting over the glass



VERSIONS WITH GLASS PROFILE

	Dimensions (mm)			
Glass profile (A)	26	30	34	38
Glass thickness* (B)	20	24	28	32

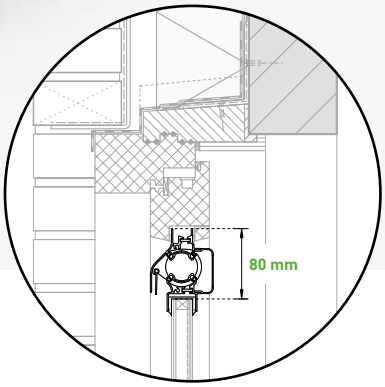
* The specified glass thickness is applicable to (Duco) glazing rubber. When kitting, you should take a minimum of 4 mm and maximum of 8 mm difference between glass thickness and glass profile.

→ Ventilation- and sound reduction performance

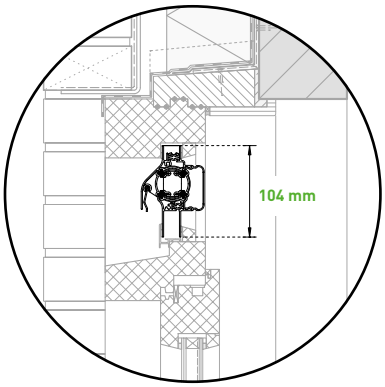
Type	Airflow (Q) in l/s/m at...			Airflow (Q) in m³/h/m at...			Equivalent area at 1 Pa in mm²/m	Geometrical Free Area in mm²/m	Sound absorption $D_{n,e,}W (C;C_{tr})^*$ in dB	
	1 Pa	2 Pa	10 Pa	1 Pa	2 Pa	10 Pa			OPEN position	CLOSED position
DucoPlus 60	11,2	15,8	34,9	40,3	56,7	125,6	14224	15000	25 (0;0)	39 (-1;-1)

* According to EN ISO 717

MORE INFO → **Dimensions & order information:** see page 32 → **Controls & ancillaries:** see page 37
→ **Full specifications:** see page 40



Fitting over the **glass**



Transom mounting

DucoTon 80 SR

Timeless classic

DucoTon 80 SR is a self-regulating 'rotating drum' window ventilator with a 'Soft-Line' design outer section. This window ventilator was introduced in 1992 and is being used with complete satisfaction in many projects.

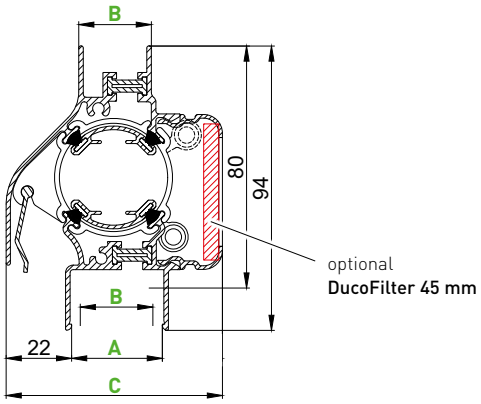
- Authentic Duco **'Soft-Line' design**
- **Double sealing** with brushes with Finseal insert
- **Glass reduction 80** is superb
- Excellent **thermal performance**
- Can be used with **any glass thickness** (up to 36 mm)

U-value	2,26
Wind tightness class closed position	Class 3
Wind tightness closed position	650
Water tightness class closed position	8A
Water tightness closed position	450
Glass reduction	80 mm

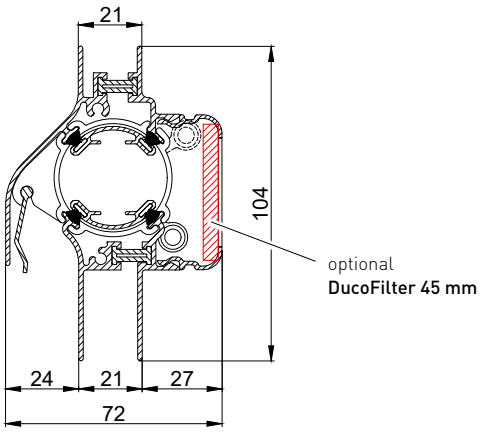
Standards: consult the table on page 40.

up to **20 m**

→ DucoTon 80 SR
fitting over the glass



→ DucoTon 80 SR
transom mounting



VERSIONS WITH GLASS PROFILE

	Dimensions (mm)						
Glass profile (A)	12	21	26	30	34	38	42
Glass thickness* (B)	6	15	21	24	28	32	36
Vent depth (C)	72	72	72	72	79	79	79

GG 12: Dual color and SR-flap not possible
GG 21: Only available in anodised, RAL 9010 or RAL 9001 and SR-flap not possible
* The specified glass thickness is applicable to (Duco) glazing rubber. When kitting, you should take a minimum of 4 mm and maximum of 8 mm difference between glass thickness and glass profile.

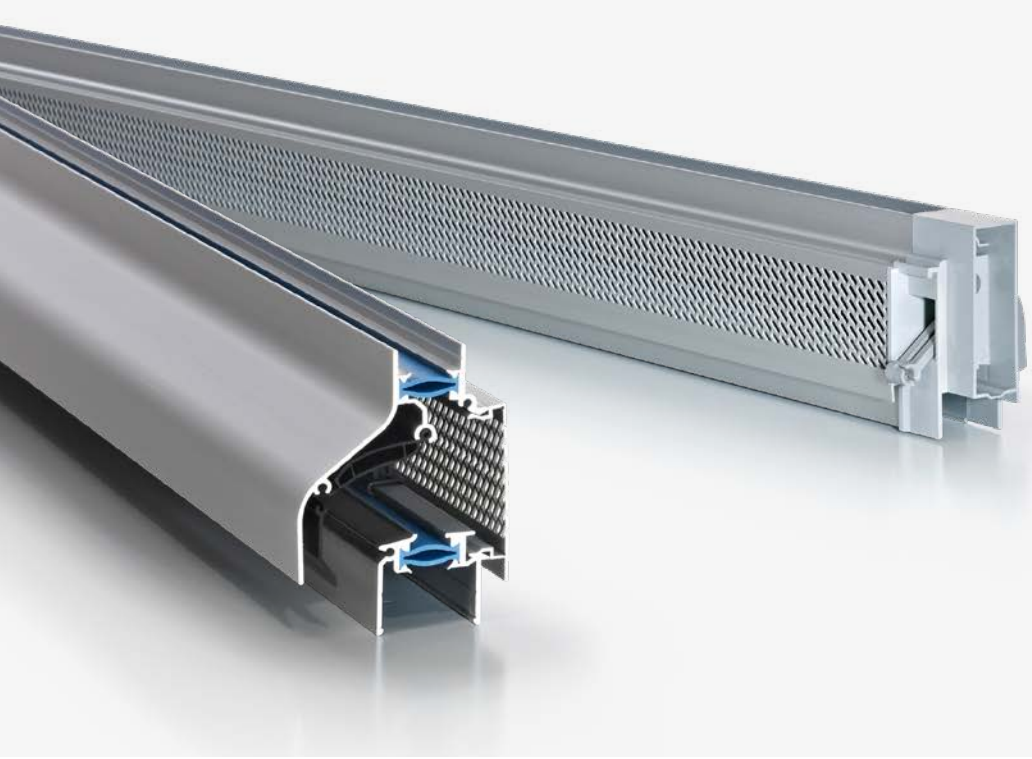
→ Ventilation- and sound reduction performance

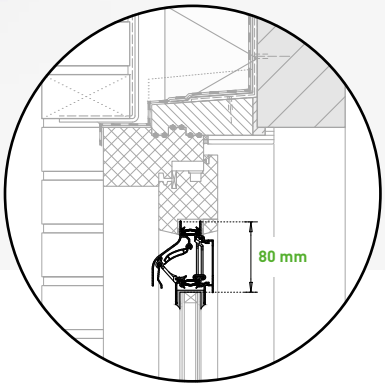
Type	Airflow (Q) in l/s/m at...			Airflow (Q) in m³/h/m at...			Equivalent area at 1 Pa in mm²/m	Geometrical Free Area in mm²/m	Sound absorption $D_{n,e,}W (C;C_{tr})$* in dB	
	1 Pa	2 Pa	10 Pa	1 Pa	2 Pa	10 Pa			OPEN position	CLOSED position
DucoTon 80 SR	10,2	12,3	15,7	36,7	44,3	56,6	12980	14400	27 (-1;-1)	34 (0;-1)

* According to EN ISO 717

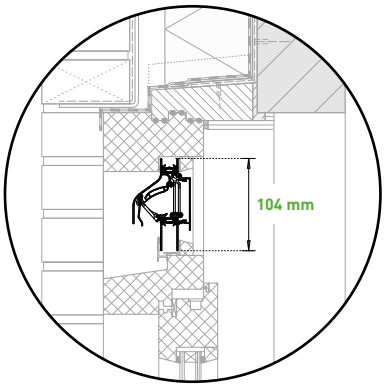
For values with the DucoFilter, see the table on page 40.

MORE INFO → **Dimensions & order information:** see page 32 → **Controls & ancillaries:** see page 37
→ **Full specifications:** see page 40





Fitting over the **glass**



Transom mounting

Duco**Klep** 80 SR

Flat inner grid

DucoKlep 80 SR is a self-regulating flap ventilator with a completely flat inner grid. This makes it exceptionally suitable for applications in the fixed pane of a sliding window. The vent then, comes with a thumb control handle.

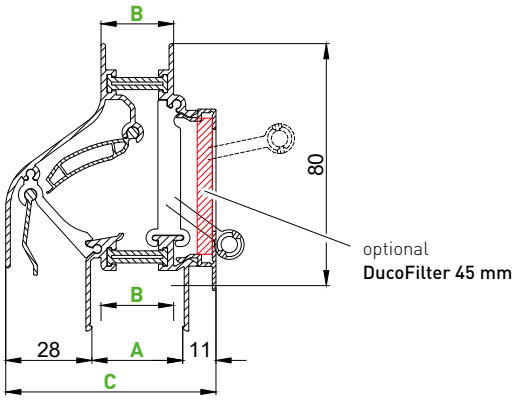
- Authentic Duco **'Soft-Line' design**
- Suitable for applications in the fixed panes of a **sliding window**
- **Glass reduction 80** is superb
- **Excellent airflow**
- Can be used with **any glass thickness** (up to 48 mm)

U-value	2,4
Wind tightness class closed position	Class 2
Wind tightness closed position	450
Water tightness class closed position	E650
Water tightness closed position	650
Glass reduction	80 mm

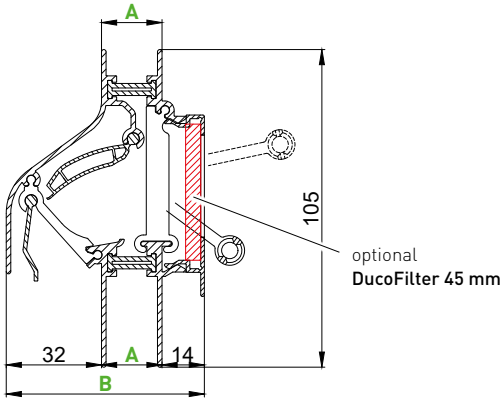
Standards: consult the table on page 40.

up to **20 m**

→ DucoKlep 80 SR
fitting over the glass



→ DucoKlep 80 SR
transom mounting



VERSIONS WITH GLASS PROFILE

	Dimensions (mm)							
Glass profile (A)	26	30	34	38	42	46	50	54
Glass thickness* (B)	20	24	28	32	36	40	44	48
Vent depth (C)	63	67	71	75	79	83	87	91

* The specified glass thickness is applicable to (Duco) glazing rubber. When kitting, you should take a minimum of 4 mm and maximum of 8 mm difference between glass thickness and glass profile.

VERSIONS WITH TRANSOM PROFILE

	Dimensions (mm)	
Transom profile (A)	20	24
Vent depth (B)	66	70

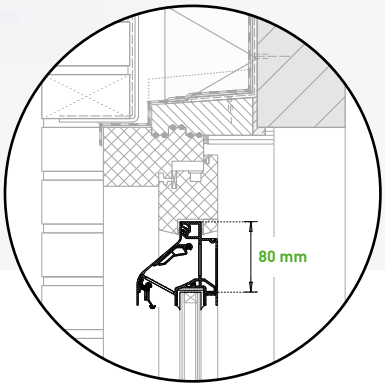
→ Ventilation- and sound reduction performance

Type	Airflow (Q) in l/s/m at...			Airflow (Q) in m³/h/m at...			Equivalent area at 1 Pa in mm²/m	Geometrical Free Area in mm²/m	Sound absorption $D_{n,e,}$ W ($C;C_{tr}$)* in dB	
	1 Pa	2 Pa	10 Pa	1 Pa	2 Pa	10 Pa			OPEN position	CLOSED position
DucoKlep 80 SR	15,2	15,5	15,6	54,7	55,9	56,3	19342	19200	25 (0;-1)	37 (0;0)

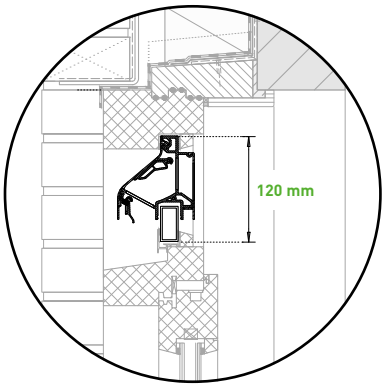
* According to EN ISO 717

For values with the DucoFilter, see the table on page 40.

MORE INFO → **Dimensions & order information:** see page 32 → **Controls & ancillaries:** see page 37
→ **Full specifications:** see page 40



Fitting over the **glass**



Transom mounting

DucoLine 80 SR

One window ventilator, three airflows

DucoLine 80 SR is a self-regulating flap window ventilator which supplies each room with optimal ventilation. The design of the inside boasts a completely flat inner grid. The choice of handle determines the ventilation capacity.

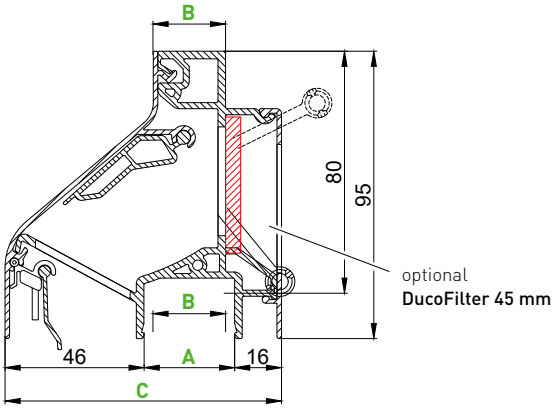
- One window ventilator, **three airflows**
- **Glass reduction 80** is superb
- Excellent **thermal performance**
- Completely **flat inner grid**
- Can be used with **any glass thickness** (up to 46 mm)

U-value	2,81
Wind tightness class closed position	Class 2
Wind tightness closed position	450
Water tightness class closed position	E700
Water tightness closed position	700
Glass reduction	80 mm

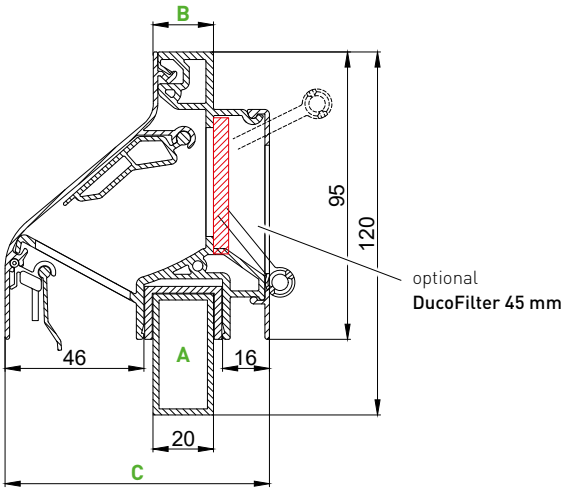
Standards: consult the table on page 40.

up to **20 m**

→ DucoLine 80 SR
fitting over the glass



→ DucoLine 80 SR
transom mounting



VERSIONS WITH GLASS PROFILE

	Dimensions (mm)						
Glass profile (A)	26	30	34	38	42	48	52
Glass thickness* (B)	20	24	28	32	36	42	46
Vent depth (C)	88	92	96	100	104	110	114

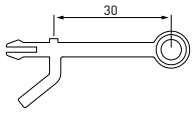
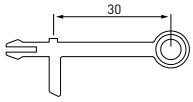
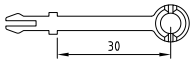
* The specified glass thickness is applicable to (Duco) glazing rubber. When kitting, you should take a minimum of 4 mm and maximum of 8 mm difference between glass thickness and glass profile.

VERSIONS WITH TRANSOM PROFILE

	Dimensions (mm)	
Transom profile (A)	40 x 20	40 x 25
Top section (B)	20	24
Vent depth (C)	88	91

HANDLES

The choice of handle determines ventilation capacity.

→ Handle **DucoLine 30 / 10**	→ Handle **DucoLine 30 / 17**	→ Handle **30**
Also available in longer length (DucoLine **50** / 10)	Also available in longer length (DucoLine **50** / 17)	Also available in other lengths (see page 37)
		

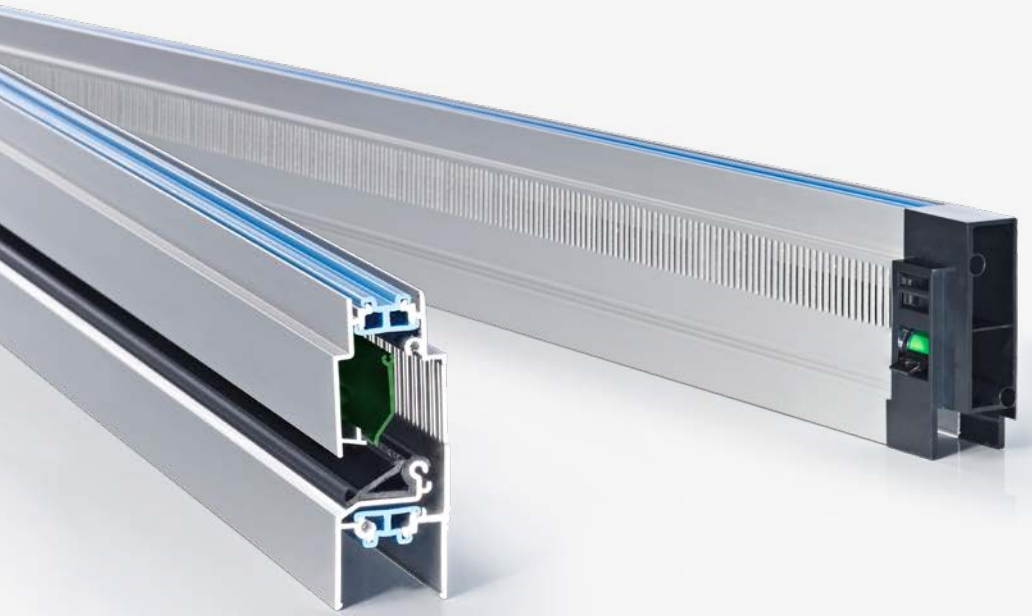
→ Ventilation- and sound reduction performance

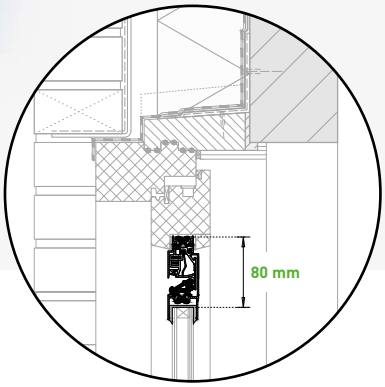
Type DucoLine 80 SR	Airflow (Q) in l/s/m at...			Airflow (Q) in m³/h/m at...			Equivalent area at 1 Pa in mm²/m	Geometrical Free Area in mm²/m	Sound absorption $D_{n,e,}W (C;C_{tr})$* in dB	
	1 Pa	2 Pa	10 Pa	1 Pa	2 Pa	10 Pa			OPEN position	CLOSED position
Handle **DucoLine 30 / 10**	10,7	16,4	14,4	38,5	59	52	13615,8	10800	29 (-1;-2)	33 (-1;-2)
Handle **DucoLine 30 / 17**	17,4	23,0	21,0	62,6	82,8	75,5	22141,5	19300	28 (-1;-2)	33 (-1;-2)
Handle **30**	22,6	29,6	27,4	81,4	106,7	98,5	28758,5	29500	26 (0;0)	33 (-1;-2)

* According to EN ISO 717

For values with the DucoFilter, see the table on page 40.

MORE INFO → **Dimensions & order information:** see page 32 → **Controls & ancillaries:** see page 37
→ **Full specifications:** see page 40





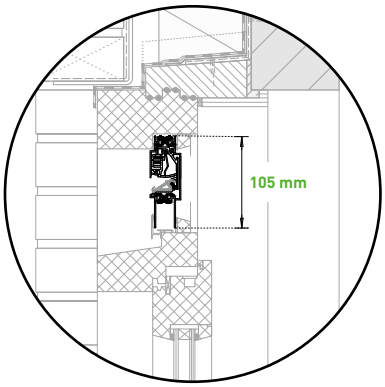
Fitting over the **glass**

Duco**Flat** 80 SR

Self-regulating flat vent

DucoFlat 80 SR series have been specifically engineered for integration in the fixed and sliding panes of a sliding window or a sliding door. The window ventilator features just 80 mm glass reduction.

REMARK: DucoFlat 80 SR is only applicable for (sliding) windows in low-rise buildings up to 15 m (= approx. 5 floors) and is always performed with the SR flap.



Transom mounting

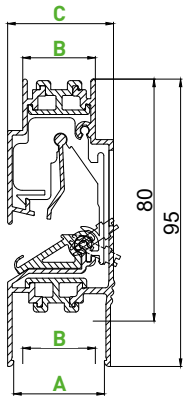
- Completely **flat vent**
- Suitable for installation in the **sliding and fixed panes of a sliding window** or sliding door
- **Glass reduction 80** is superb

U-value	3
Wind tightness class closed position	Class 3
Wind tightness closed position	650
Water tightness class closed position	5A
Water tightness closed position	200
Glass reduction	80 mm

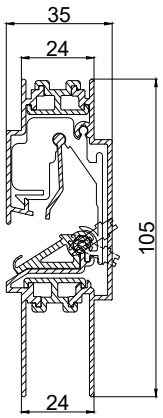
Standards: consult the table on page 40.

up to **15 m**

→ DucoFlat 80 SR
fitting over the glass



→ DucoFlat 80 SR
transom mounting

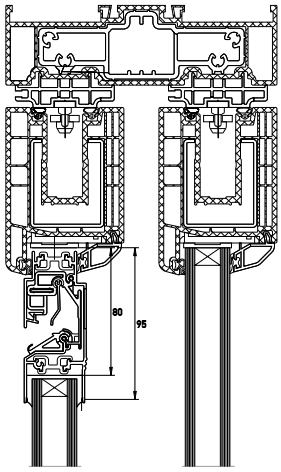


VERSIONS WITH GLASS PROFILE

	Dimensions (mm)		
Glass profile (A)	30	34	38
Glass thickness* (B)	24	28	32
Vent depth (C)	35	39	43

* The specified glass thickness is applicable to (Duco) glazing rubber. When kitting, you should take a minimum of 4 mm and maximum of 8 mm difference between glass thickness and glass profile.

Example of
glazed-in sliding doors



→ Ventilation- and sound reduction performance

Type	Airflow (Q) in l/s/m at...			Airflow (Q) in m³/h/m at...			Equivalent area at 1 Pa in mm²/m	Geometrical Free Area in mm²/m	Sound absorption $D_{n,e,}W (C;C_{tr})^*$ in dB	
	1 Pa	2 Pa	10 Pa	1 Pa	2 Pa	10 Pa			OPEN position	CLOSED position
DucoFlat 80 SR	11,5	13,8	19,0	41,4	49,7	68,3	14685	15000	27 (0;-1)	44 (0;0)

* According to EN ISO 717

MORE INFO → **Dimensions & order information:** see page 32 → **Controls & ancillaries:** see page 37
→ **Full specifications:** see page 40

Independently tested by **BRE**

Duco**Strip**

Aluminium slot ventilators

DucoStrip is an aluminium "through-the-frame" slot ventilator. The combination of its attractive design with integrated end caps and high-quality polyester powder coating makes DucoStrip the preferred choice for any type of window frame.

NOTE: DucoStrip is only suitable for windows in low-rise buildings (up to second floor).

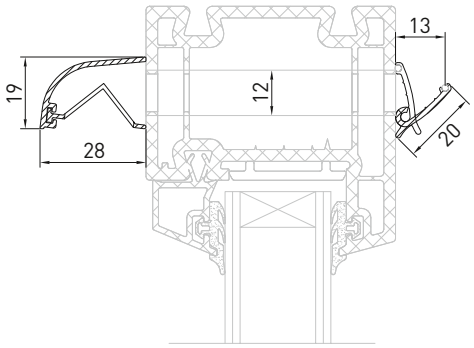
- → Smooth and slim with **minimal projection**
- → Incoming airflow deflected **upwards**
- → Installation screws concealed by **smooth end caps**

Wind tightness class closed position	Class 2
Wind tightness closed position	300
Water tightness class closed position	5A
Water tightness closed position	200

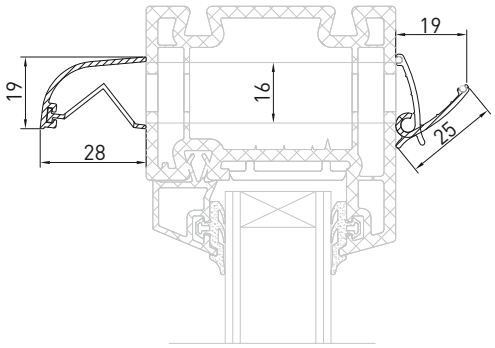
Standards: consult the table on page 40.

up to **10 m**

→ DucoStrip
canopy & **Slimline** stripvent



→ DucoStrip
canopy & **Wideline** stripvent



Type	Vent length in mm	Slot height in mm
Slimline	290	12
Wideline	460	16

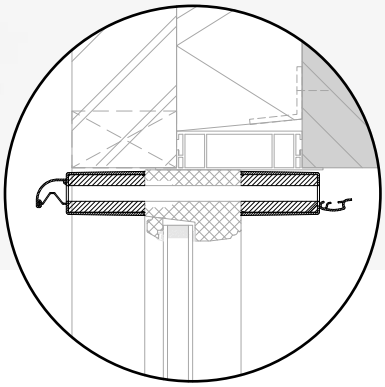
→ Ventilation- and sound reduction performance

Type DucoStrip	Airflow (Q) in l/s at...			Airflow (Q) in m³/h at...			Equivalent area at 1 Pa in mm²/m	Geometrical Free Area in mm²/m	Sound absorption $D_{n,e,}W (C;C_{tr})^*$ in dB	
	1 Pa	2 Pa	10 Pa	1 Pa	2 Pa	10 Pa			OPEN position	CLOSED position
Slimline	2,0	2,9	6,6	7,3	10,4	23,8	2605	3000	32 (-1;0)	36 (-1;-1)
Wideline	4,1	5,8	12,6	14,8	20,9	45,4	5283	6500	28 (0;1)	35 (-1;-2)

* According to EN ISO 717

MORE INFO
→ **Ordering info:** see page 32
→ **Full specifications:** see page 40

Independently tested by **BRE**



Fitting **through the frame**

DucoStrip Acoustic

Sound absorbing aluminium slot ventilator

DucoStrip is a sound absorbing aluminium "through-the-frame" slot ventilator. The sound-absorbing module can be fitted either on the inside or the outside, or both sides for even better sound absorption.

NOTE: DucoStrip Acoustic is only suitable for windows in low-rise buildings (up to second floor).

- → Sound absorption **inside, outside or both sides**
- → Incoming airflow deflected **upwards**
- → **Simple fitting** with two screws per module
- → Installation screws concealed by **smooth end caps**

Double Acoustic

Acoustic **Inside**

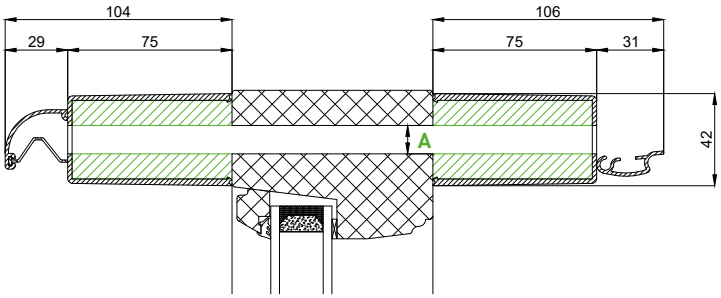
Acoustic **Outside**

Wind tightness class closed position	Class 2
Wind tightness closed position	300
Water tightness class closed position	5A
Water tightness closed position	200

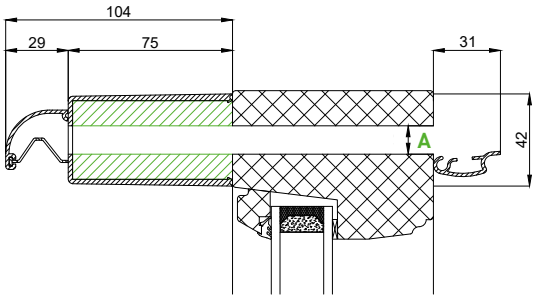
Standards: consult the table on page 40.

up to **10 m**

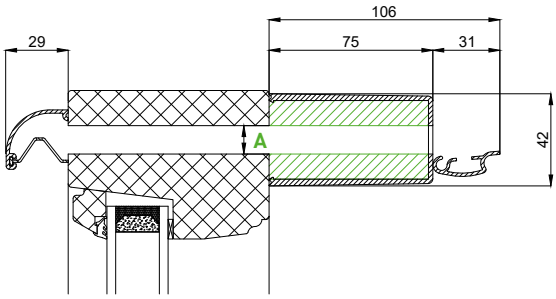
→ DucoStrip Acoustic **Double Acoustic**



→ DucoStrip Acoustic **Acoustic Outside**

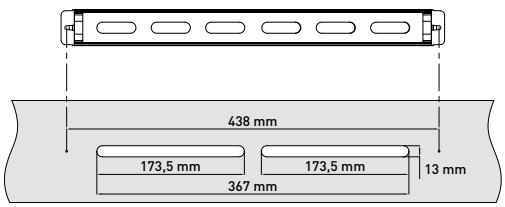


→ DucoStrip Acoustic **Acoustic Inside**

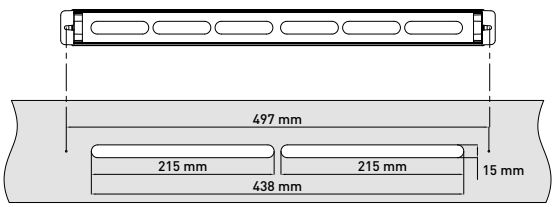


Type	Vent length in mm	Slot length in mm	Slot height (A) in mm
DucoStrip Acoustic **2500 EA**	460	2 x 173,5	13
DucoStrip Acoustic **5000 EA**	520	2 x 215	15

2500 EA



5000 EA

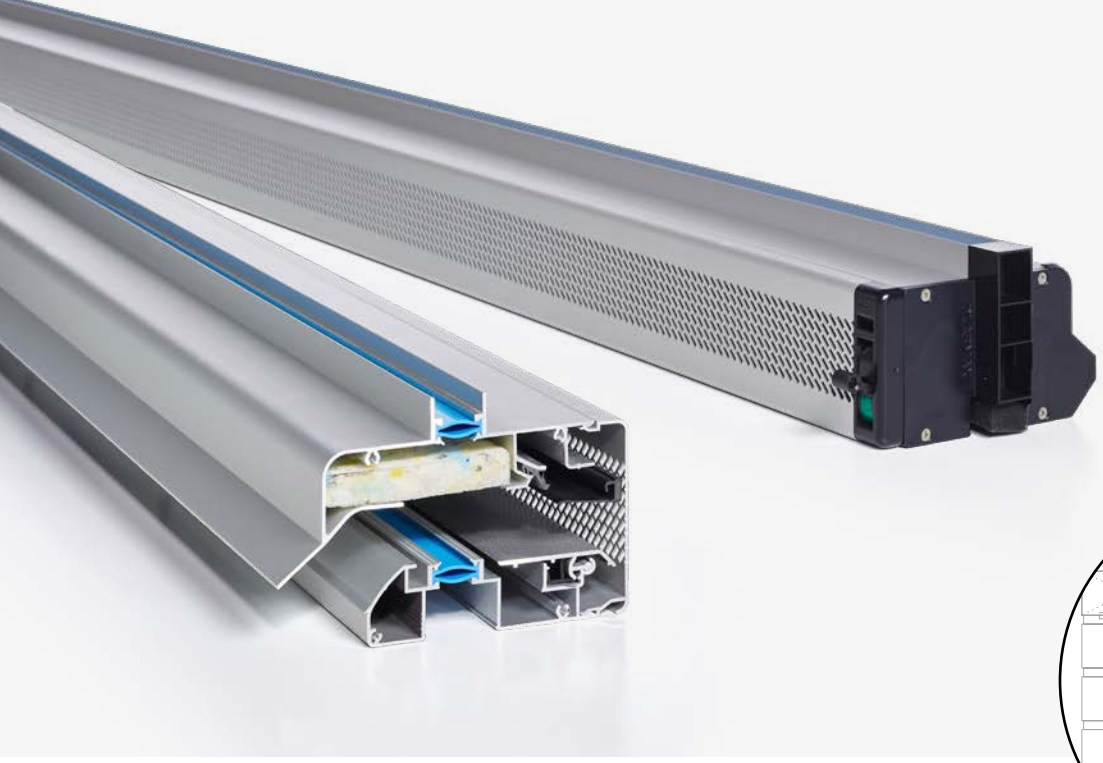


→ Ventilation- and sound reduction performance

	Type DucoStrip	Airflow (Q) in l/s at...			Airflow (Q) in m³/h at...			Equivalent area at 1 Pa in mm²/m	Geometrical Free Area in mm²/m	Sound absorption $D_{n,e,}W (C;C_{tr})^*$ in dB	
		1 Pa	2 Pa	10 Pa	1 Pa	2 Pa	10 Pa			OPEN position	CLOSED position
2500 EA	**Double** Acoustic	2,5	3,5	8,0	9,0	12,6	28,8	3040	4511	42 (-2;-3)	56 (-3;-5)
	Acoustic **Inside**	2,8	3,9	9,0	10,1	14,0	32,4	3346	4511	37 (0;0)	57 (-1;-5)
	Acoustic **Outside**	2,7	3,8	8,8	9,7	13,7	31,7	3543	4511	37 (0;0)	54 (-1;-4)
5000 EA	**Double** Acoustic	3,9	5,6	12,7	14,0	20,2	45,7	5046	6450	37 (-1;-2)	53 (-1;-4)
	Acoustic **Inside**	4,2	5,9	13,2	15,1	21,2	47,5	5263	6450	34 (0;-1)	51 (-1;-3)
	Acoustic **Outside**	4,2	6,1	13,8	15,1	22,0	49,7	5394	6450	34 (0;0)	51 (-1;-3)

* According to EN ISO 717

MORE INFO
→ **Ordering info:** see page 32
→ **Full specifications:** see page 42

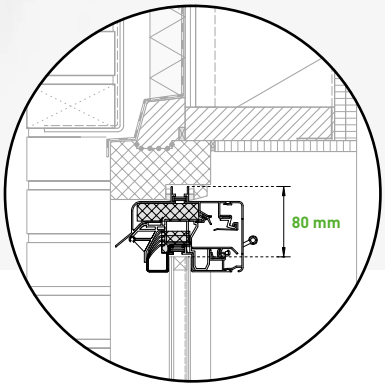


GlasMax SR

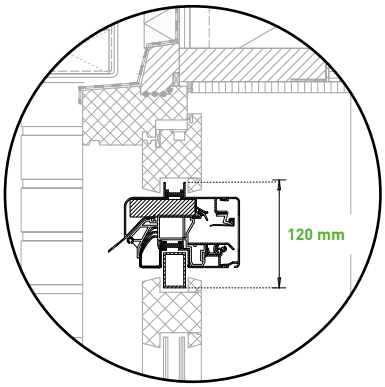
Compact acoustic ventilator

GlasMax SR is a sound-absorbing window ventilator that has been developed for fitting over the glass, transom mounting and compact transom mounting. The acoustic ventilator is eminently suitable for use in situations where light noise exposure is an issue.

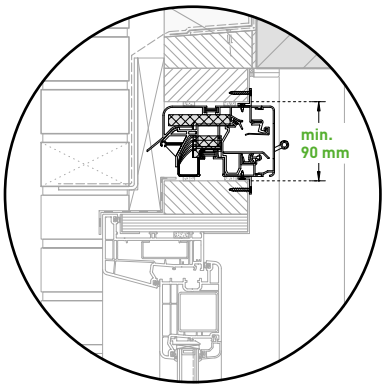
- Window ventilator with **sustainable sound-absorbing material**
- Sound-absorbing material helps prevent **complaints due to allergies**
- Suited to **high-rise** applications (up to 40 m* height)
- **Glass reduction 80** is superb
- Four **different air flow** rates



Fitting over the **glass**



Transom mounting



Compact transom mounting

U-value	1,56
Wind tightness class closed position	Class 3
Wind tightness closed position	600
Water tightness class closed position	E1050
Water tightness closed position	1050
Glass reduction	80 mm

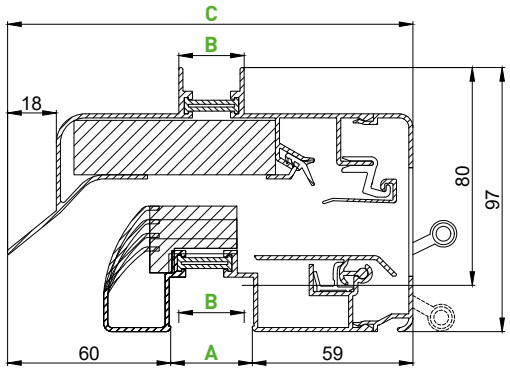
Standards: consult the table on page 40.

TRONIC

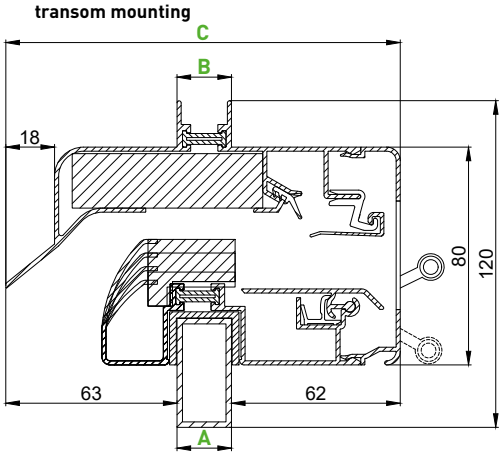
up to **40 m***

* A maximum installation height of 20 m is applicable when a window ventilator with air slot 20 and 25 is installed in sight.

→ GlasMax SR
fitting over the glass



→ GlasMax SR
transom mounting



VERSIONS WITH GLASS PROFILE

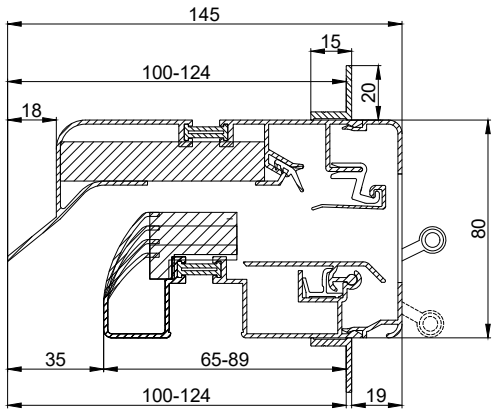
	Dimensions (mm)			
Glass profile (A)	26	30	34	38
Glass thickness* (B)	20	24	28	32
Vent depth (C)	145	149	153	157

* The specified glass thickness is applicable to (Duco) glazing rubber. When kitting, you should take a minimum of 4 mm and maximum of 8 mm difference between glass thickness and glass profile.

VERSIONS WITH TRANSOM PROFILE

	Dimensions (mm)	
Transom profile (A)	40 x 20	40 x 25
Top section (B)	20	24
Vent depth (C)	145	149

→ GlasMax SR
compact transom mounting



TRONIC

With the **TronicGlasMax**, the window ventilator is controlled electronically. This means it can be used in the DucoTronic (Plus) System (Wired).

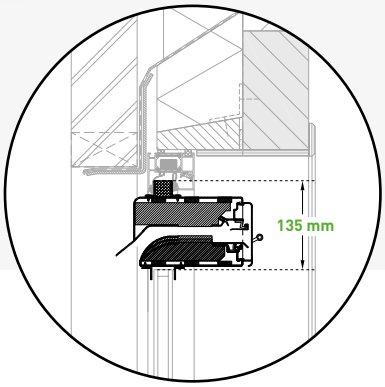
TRONIC

→ Ventilation- and sound reduction performance

Type GlasMax	Airflow (Q) in l/s/m at...			Airflow (Q) in m³/h/m at...			Equivalent area at 1 Pa in mm²/m	Geometrical Free Area in mm²/m	Sound absorption $D_{n,e,}W (C;C_{tr})^*$ in dB	
	1 Pa	2 Pa	10 Pa	1 Pa	2 Pa	10 Pa			OPEN position	CLOSED position
Air slot **10** mm	15,9	18,2	16,8	57,2	65,6	60,3	20233	10000	37 (-1;-3)	50 (-1;-3)
Air slot **15** mm	21,1	24,6	20,7	76,0	88,4	74,6	26850	15000	35 (-1;-2)	51 (-1;-4)
Air slot **20** mm	24,1	30,4	27,6	86,8	109,3	99,3	30667	20000	34 (0;-2)	49 (0;-3)
Air slot **25** mm	28,6	34,4	29,3	103,0	123,9	105,3	36394	25000	27 (0;-1)	42 (0;-1)

* According to EN ISO 717

MORE INFO → **Dimensions & order information:** see page 32 → **Controls & ancillaries:** see page 37
→ **Full specifications:** see page 42



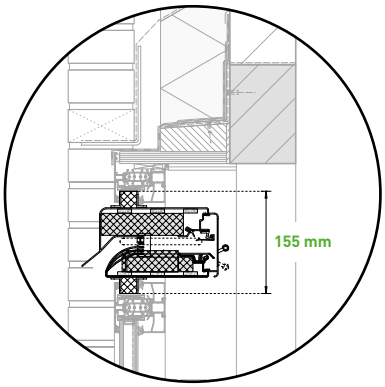
Fitting over the **glass**

DucoMax SR
SkyMax SR

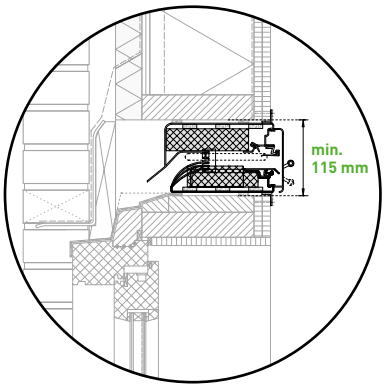
Superior sound absorption and/or high-rise applications

DucoMax SR is a self regulating, acoustic vent (sound attenuating ventilator), specifically engineered for situations exposed to high levels of noise disturbance. The various types are attractively designed and offer excellent acoustic and airflow performance. The **SkyMax SR** is an upgraded version of the DucoMax SR making it applicable to heights up to 70 meter.

Specific fitting instructions apply to SkyMax SR series vents.
These instructions are available at Duco or at your local dealer.



Transom mounting



Compact transom mounting

- Suited to **high-rise applications**
- **Four fitting depths**: Corto, Medio, Alto, Largo
- Suited to situations giving rise to **high levels of noise disturbance**
- **No whistling sounds** with positive or negative pressure thanks to active closing aluminium valve
- **Excellent wind and waterproofing**

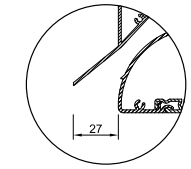
U-value	2,58
Wind tightness class closed position	Class 2
Wind tightness closed position	600
Water tightness class closed position	E1050
Water tightness closed position	1050
Glass reduction	135 mm

Standards: consult the table on page 40.

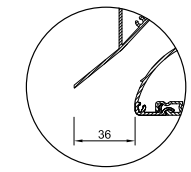
TRONIC
DUCOMAX ONLY

up to **40 m**
DUCOMAX

up to **70 m**
SKYMAX

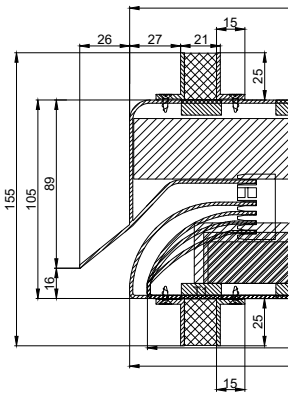


→ suits air slot **10**

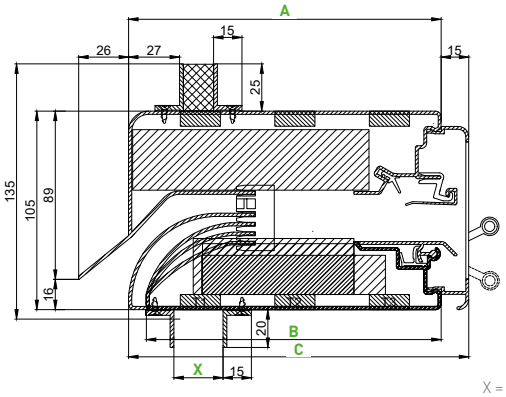


→ suits air slot **15/20/25**

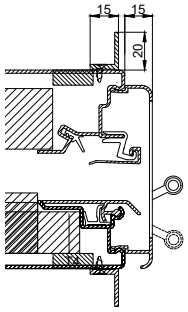
→ DucoMax SR / SkyMax SR
transom mounting



→ DucoMax SR / SkyMax SR
fitting over the glass



→ → DucoMax SR / SkyMax SR
compact transom mounting



X = glass profile free to decide

TRONIC

With the **TronicMax**, the window ventilator is controlled electronically. This means it can be used in the DucoTronic (Plus) System (Wired). The SkyMax is not available in Tronic variant.

TRONIC

FITTING DEPTHS

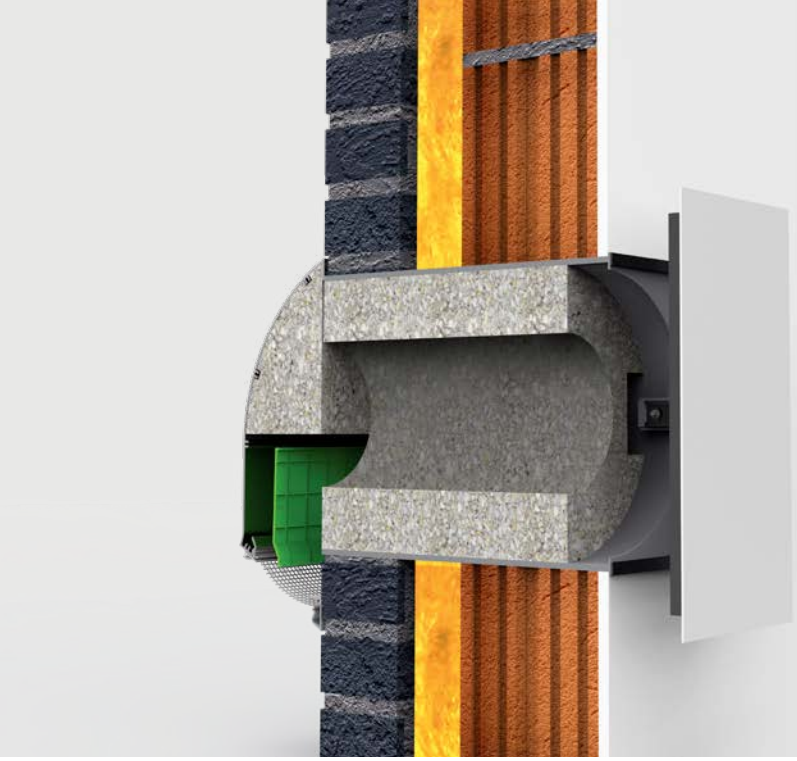
Version	Dimension A (see drawing)	Dimension B (see drawing)	Dimension C (see drawing)
Corto	165	156	180
Medio	215	206	230
Alto	265	256	280
Largo	315	306	330

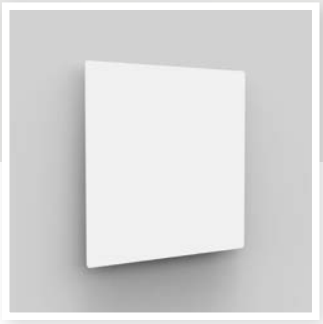
→ Ventilation- and sound reduction performance

Type DucoMax / DucoMax	Airflow (Q) in l/s/m at...			Airflow (Q) in m³/h/m at...			Equivalent area at 1 Pa in mm²/m	Geometrical Free Area in mm²/m	Sound absorption $D_{n,e,W}(C;C_{tr})$* in dB	
	1 Pa	2 Pa	10 Pa	1 Pa	2 Pa	10 Pa			OPEN position	CLOSED position
Corto 10	13	24,1	20,2	46,8	86,7	72,8	16542	10000	44 (-1;-3)	61 (-1;-4)
Corto 15	20,7	25,7	22,4	74,5	92,5	80,8	26341	15000	38 (0;-2)	57 (-1;-4)
Corto 20	26,9	39,3	35,3	96,8	141,5	127,1	34230	20000	37 (0;-2)	56 (-1;-4)
Corto 25	32	42,5	30,4	115,2	152,9	109,3	40720	25000	36 (-1;-2)	54 (-1;-3)
Medio 10	11,2	24,1	20,2	40,3	86,7	72,8	14252	10000	47 (0;-3)	63 (-2;-5)
Medio 15	17,7	25,7	22,4	63,7	92,5	80,8	22523	15000	45 (-1;-3)	64 (-2;-6)
Medio 20	25,6	39,3	35,3	92,2	141,5	127,1	32576	20000	40 (0;-3)	58 (-1;-3)
Medio 25	30,8	42,5	30,4	110,9	152,9	109,3	39193	25000	40 (-1;-3)	59 (-1;-4)
Alto 10	11,9	24,1	20,2	42,8	86,7	72,8	15143	10000	49 (-1;-4)	63 (-1;-5)
Alto 15	17,5	25,7	22,4	63,0	92,5	80,8	22269	15000	47 (-1;-4)	63 (-1;-6)
Alto 20	26,3	39,3	35,3	94,7	141,5	127,1	33467	20000	42 (-1;-3)	60 (-1;-4)
Alto 25	29,7	42,5	30,4	106,9	152,9	109,3	37793	25000	41 (-1;-3)	60 (-1;-5)
Largo 10	11,9	24,1	20,2	42,8	86,7	72,8	15143	10000	54 (-1;-4)	62 (-1;-4)
Largo 15	17,9	25,7	22,4	64,4	92,5	80,8	22778	15000	50 (-1;-3)	62 (-2;-5)
Largo 20	26,9	39,3	35,3	96,8	141,5	127,1	34230	20000	47 (-1;-4)	61 (-2;-5)
Largo 25	28,9	42,5	30,4	104,0	152,9	109,3	36775	25000	43 (-1;-4)	58 (-1;-4)

* According to EN ISO 717

MORE INFO → **Dimensions & order information:** see page 32 → **Controls & ancillaries:** see page 37
→ **Full specifications:** see page 42





Silenzio SR (AK)
Silenzio **Retro** SR

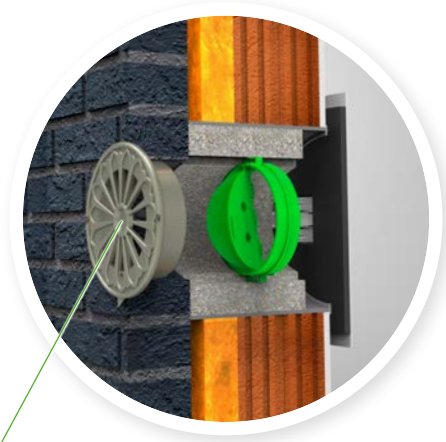
Design wall damper

The completely updated **Silenzio SR (AK)** is a wall damper that is eminently suitable for use in refurbishment. Not only has its appearance been given a complete makeover, but from now on the Silenzio also features a SR valve so it can easily be used in one of our ventilation systems. This sound-absorbing ventilator has been developed specifically for situations where high noise levels are an issue.

Silenzio Retro SR

The Silenzio Retro SR has been developed specifically for listed buildings with a protected façade. This ventilator can be built into the façade invisibly or be fitted with a discreet rosette part.

- **SR-flap** for use within Duco's ventilation systems
- 'AK' **acoustic damping** until 48 dB
- Simple solution for **renovation projects**
- **Aesthetic** adjustable inner grid



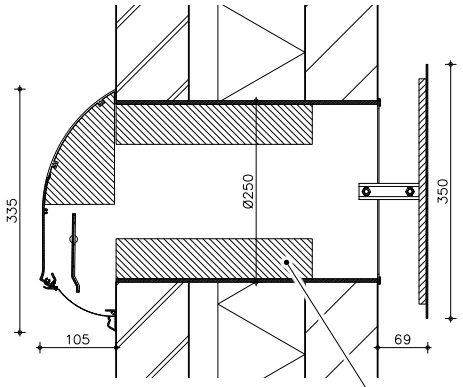
Duco outside cap, outside part of your choice or open vertical joint

U-value	4,76
Wind tightness class closed position	Class 2
Wind tightness closed position	300
Water tightness class closed position	9A
Water tightness closed position	600

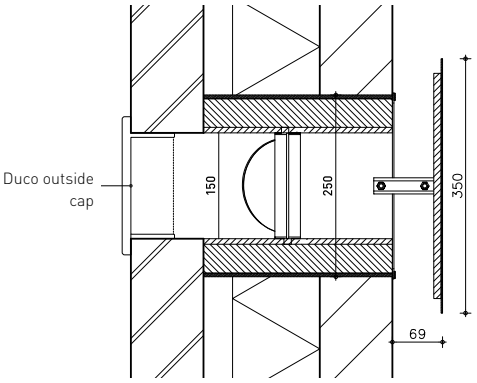
Standards: consult the table on page 40.

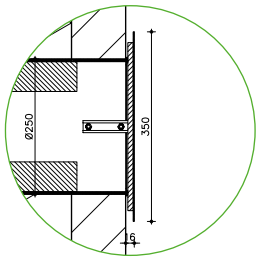
up to **20 m**

→ **Silenzio** SR (AK)



→ **Silenzio Retro** SR

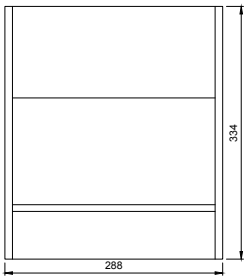




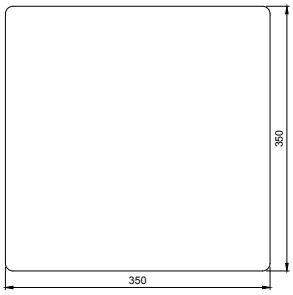
Closed

The Silenzio SR **AK** is equiped with extra sound absorbing material.

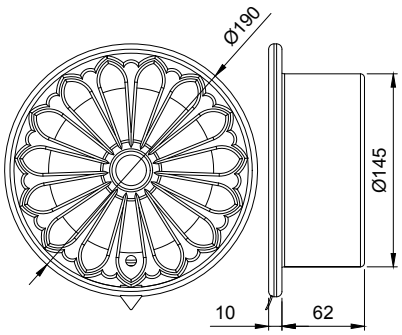
→ Outside cap Silenzio SR (AK)



→ Inside cover



→ Duco outside cap Silenzio Retro SR



→ General specification

Property	Silenzio SR (AK)	Silenzio Retro SR
Outer part	outside cap included	optional with Duco outside cap (RAL 7048 pearl mouse grey)
Tube length	300 mm (suitable for wall thicknesses of 250 mm and over) longer version available as an option	

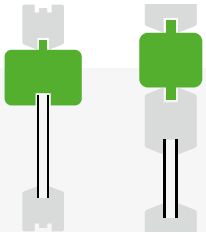
→ Ventilation- and sound reduction performance

Type	Airflow (Q) in l/s/m at...			Airflow (Q) in m³/h/m at...			Equivalent area at 1 Pa in mm²/m	Geometrical Free Area in mm²/m	Sound absorption $D_{n,e,}$ W ($C;C_{tr}$)* in dB	
	1 Pa	2 Pa	10 Pa	1 Pa	2 Pa	10 Pa			OPEN position	CLOSED position
Silenzio SR	16,6	16,5	16,4	59,8	59,4	59,1	21060	17600	39 (-1;-4)	50 (-2;-5)
Silenzio SR AK	9,0	10,1	10,3	32,4	36,4	37,1	11478	17600	48 (-1;-4)	61 (-1;-6)
Silenzio Retro SR** without Duco outside cap	10,7**	15,2	10,1	38,5	54,7	36,4	13616	17600	43 (-1;-3)	64 (-3;-10)
Silenzio Retro SR with Duco outside cap	9,0	12,9	10,1	32,4	46,5	36,4	11453	11500	43 (-1;-3)	64 (-3;-10)

* According to EN ISO 717
** Measured without outside cap. Effective values depend on the outside part.

MORE INFO → **Dimensions & order information:** see page 32 → **Controls & ancillaries:** see page 37
→ **Full specifications:** see page 42

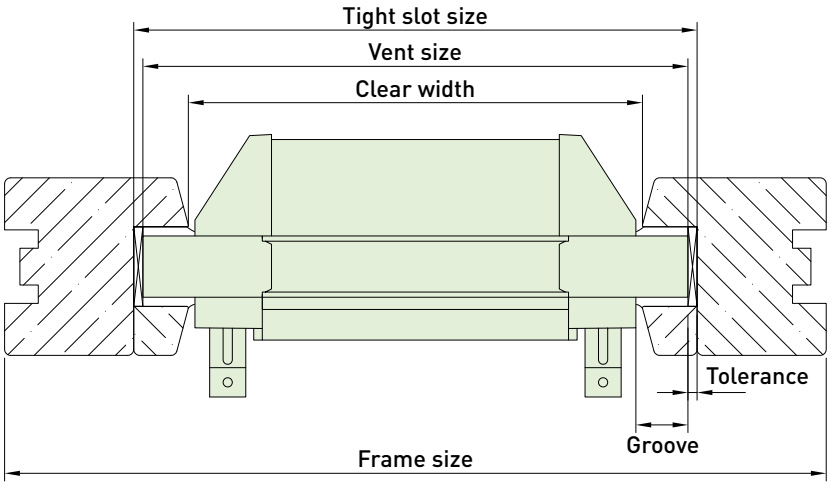
DIMENSIONS AND ORDERING INFORMATION



Fitting over the **glass** & **transom** mounting

Calculating ventilator length

		Vent size = ORDER SIZE	Tolerance (mm)	Groove (mm)
DucoPlus 45		tight slot size - 6 mm OR clear width + 30 mm	3	18
DucoPlus 60 **DucoTon 80 SR** **DucoKlep 80 SR** **DucoLine 80 SR** **DucoFlat 80 SR** **GlasMax SR**		tight slot size - 6 mm OR clear width + 28 mm	3	17
DucoMax SR **SkyMax SR**	**STANDARD:** with groove piece **25 mm**	tight slot size - 6 mm OR clear width + 44 mm	3	25
	OPTION: with groove piece **17 mm**	tight slot size - 6 mm OR clear width + 28 mm		17
	OPTION: groove **free to determine**	tight slot size - 6 mm		free to decide



FITTING OVER THE GLASS: glass profiles and dimensions

Product	Glass profile (mm)												Glass reduction (mm)	Vent height (mm)	Maximum length under warranty (mm)
	12	21	26	30	34	38	42	46	48	50	52	54			
DucoPlus 45				✓	✓	✓							45	60	2400
DucoPlus 60			✓	✓	✓	✓							60	75	2500
DucoTon 80 SR	✓	✓	✓	✓	✓	✓	✓						80	94	2500
DucoKlep 80 SR			✓	✓	✓	✓	✓	✓		✓		✓	80	95	2500
DucoLine 80 SR			✓	✓	✓	✓	✓		✓		✓		80	95	2500
DucoFlat 80 SR				✓	✓	✓							80	95	2500
GlasMax SR			✓	✓	✓	✓							80	97	2500
DucoMax SR SkyMax SR	X = glass profile free to decide (all glass thicknesses)												135	150	2500

GLAZING GASKETS

Silicon-free glazing gasket	Glass profile (mm)											
	12	21	26	30	34	38	42	46	48	50	52	54
Single glass 12	✓											
21		✓										
26 - 34			✓	✓	✓							
34 - 42					✓	✓	✓					
46 - 54								✓	✓	✓	✓	✓

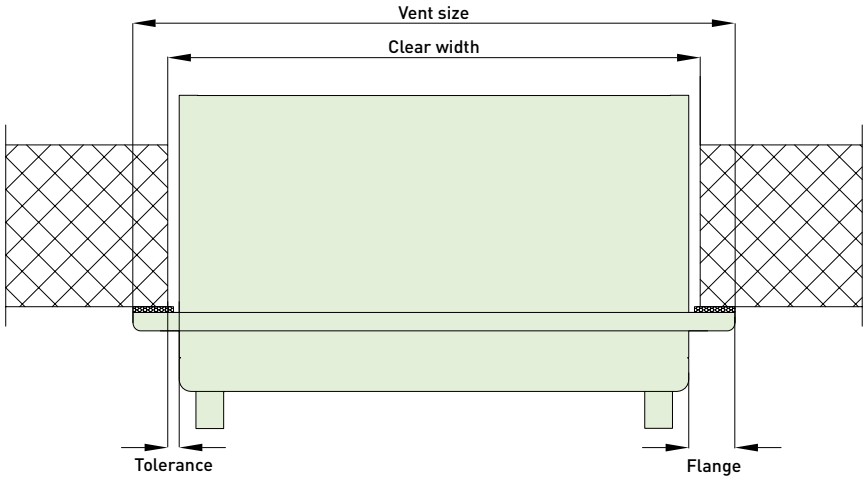
TRANSOM MOUNTING: transom profiles and dimensions

Product	Transom profile (mm)			With transom section ... x ... (mm)		Vent height (mm)	Maximum vent length under warranty (mm)
	20	21	24	40 x 20	40 x 25		
DucoTon 80 SR		✓				104	2500
DucoKlep 80 SR	✓		✓			105	2500
DucoLine 80 SR				✓	✓	120	2500
DucoFlat 80 SR			✓			105	2500
GlasMax SR				✓	✓	120	4000
DucoMax SR	KX = Transom profile free to decide					155	4000
SkyMax SR						155	2500

Compact transom mounting

Dimensions

	Vent size = ORDER SIZE	Tolerance (mm)	Flange (mm)	Built-in heigth (mm)	Vent height (mm)	Maximum vent length under warranty (mm)
GlasMax SR	clear width + 30 mm	5	20	90	120	4000
DucoMax SR				115	145	4000
SkyMax SR				115	145	2500

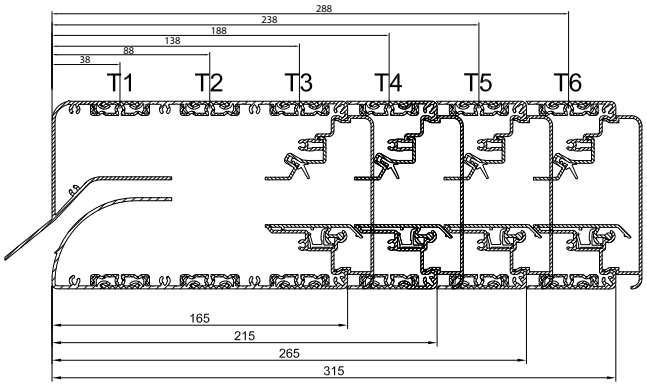


Determining dimension X

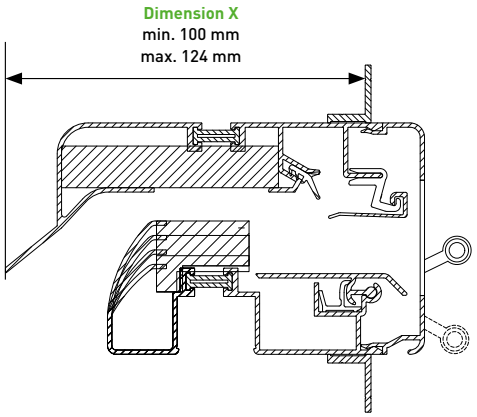
For compact transom mounting of **GlasMax SR**, **DucoMax SR** or **SkyMax SR** on the window frame, it is important to state the correct position of the L section. It is determined correctly by measuring the distance between nose of the acoustic window ventilators and the beginning of the L section. This is known as dimension X and is expressed in mm. **GlasMax SR**, **DucoMax SR** or **SkyMax SR** feature plastic side pieces as standard for compact transom mounting.

→ DucoMax SR / SkyMax SR

Thermal interruption	Minimum distance to the outer front (mm)	Minimum distance to the front of the case (mm)	Case depth	Maximum distance to the outer front (mm)	Maximum distance to the front of the case (mm)
T1	87	61	**Corto**	187	161
T2	137	111	**Medio**	237	211
T3	187	161	**Alto**	287	261
T4	237	211	**Largo**	337	311
T5	287	261			
T6	337	311			



→ GlasMax SR

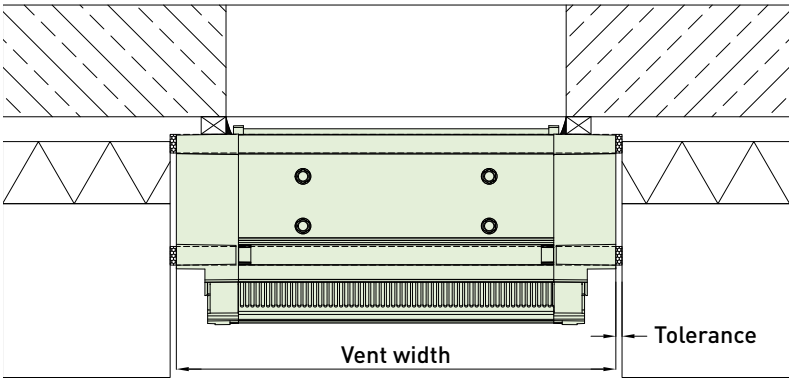


On **top** of the window frame

Dimensions

	Vent size = ORDER SIZE	Built-in heigth (mm)	Vent height (mm)	Tolerance (mm)	Maximum vent length under warranty (mm)
DucoTop 60 SR	frame size	65	60	5	3500

DucoTop 60 SR

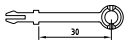
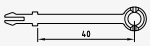
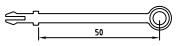
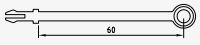
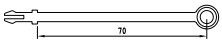


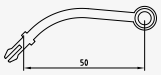
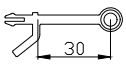
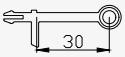
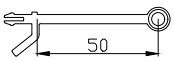
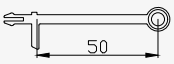
ORDERING INFO

Order forms are available on request.
Please contact Duco 'Ventilation & Sun Control' for further information.
Tel.: 0032-58 33 00 33 - Fax: 0032-58 33 00 44 - E-mail: info@duco.eu

CONTROLS

→ Handles

Type	Description	Oder no.
	Handle 10	WHITE 1377 CREAM 1464 GREY 1378 BLACK 1379
	Handle 15	WHITE 1200 CREAM 1469 GREY 1201 BLACK 1202
	Handle 30	WHITE 1203 CREAM 1481 GREY 1204 BLACK 1205
	Handle 40	WHITE 1206 CREAM 1482 GREY 1207 BLACK 1208
	Handle 50	WHITE 1209 CREAM 1483 GREY 1210 BLACK 1211
	Handle 60	WHITE 1212 CREAM 1484 GREY 1213 BLACK 1214
	Handle 70	WHITE 1215 CREAM 1485 GREY 1216 BLACK 1217
	Flap Handle 15	WHITE 1468 BLACK 1436

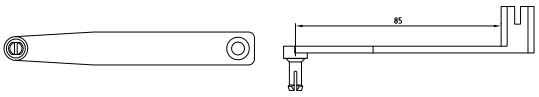
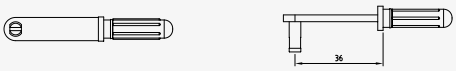
Type	Description	Oder no.
	Short Thumb Handle	BLACK 13001
	Long Thumb Handle	BLACK 13011
	Curved Handle 15	WHITE 1268 BLACK 1269
	Curved Handle 50	WHITE 1257 CREAM 1495 GREY 1258 BLACK 1259
	Handle DucoLine 30 / 10	WHITE 2403 CREAM 2406 GREY 2405 BLACK 2404
	Handle DucoLine 30 / 17	WHITE 2407 CREAM 2410 GREY 2409 BLACK 2408
	Handle DucoLine 50 / 10	WHITE 2602 CREAM 2604 GREY 2603 BLACK 2601
	Handle DucoLine 50 / 17	WHITE 2606 CREAM 2608 GREY 2607 BLACK 2605

STANDARD HANDLES

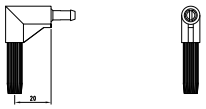
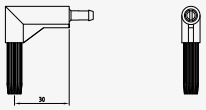
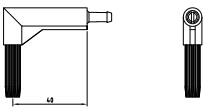
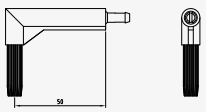
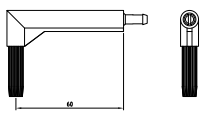
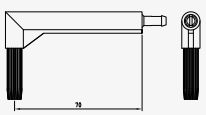
DucoFlat 80 SR	Handle 10
DucoPlus 45 **DucoPlus 60** **DucoTon 80 SR**	Handle 15
DucoKlep 80 SR • glass thickness 20, 24, 28 and 32 mm • glass thickness 36 mm • glass thickness 40, 44 and 48 mm	 Handle 40 Handle 50 Handle 60

DucoLine 80 SR	Handle 30 Handle DucoLine 30 / 17 Handle DucoLine 30 / 10
GlasMax SR **DucoMax SR** **SkyMax SR**	Flap Handle 15
Silenzio (Retro) SR (AK) **DucoTop 60 SR** **DucoStrip** **DucoStrip Acoustic**	Manual

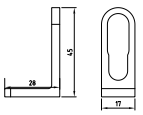
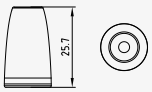
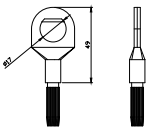
→ Handle extension & rod straight linkage

Type	Description	Oder no.
	Handle extension 35	WHITE 1236 CREAM 1496 GREY 1237 BLACK 1238
	Handle extension 60	WHITE 1239 CREAM 1497 GREY 1240 BLACK 1241
	Handle extension 85	BLACK 171
	Rod straight linkage	WHITE 1270 CREAM 1493 GREY 1271 BLACK 1272

→ Angled linkage

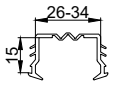
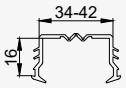
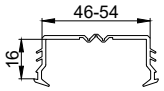
Type	Description	Oder no.
	Angled linkage 20	WHITE 1218 CREAM 1486 GREY 1219 BLACK 1220
	Angled linkage 30	WHITE 1221 CREAM 1487 GREY 1222 BLACK 1223
	Angled linkage 40	WHITE 1224 CREAM 1488 GREY 1225 BLACK 1226
	Angled linkage 50	WHITE 1227 CREAM 1489 GREY 1228 BLACK 1229
	Angled linkage 60	WHITE 1230 CREAM 1490 GREY 1231 BLACK 1232
	Angled linkage 70	WHITE 1233 CREAM 1491 GREY 1234 BLACK 1235

→ Miscellaneous

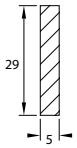
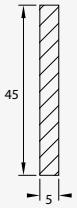
Type	Description	Oder no.
	Vertical rod guide	WHITE 1242 CREAM 1492 GREY 1243 BLACK 1244
	Cord endpiece	WHITE 1275
	Rod endcap	BLACK 1247
	Mobile rod operation	WHITE 1621 CREAM 1624 GREY 1622 BLACK 1620

ANCILLARIES

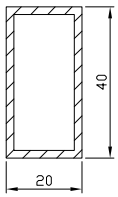
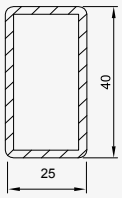
→ Glazing gasket

Type	Description	Oder no.
	Glazing gasket for glass thickness 6 mm	1856
	Glazing gasket for glass thickness 15 mm	1857
	Glazing gasket for glass thickness 20-28 mm	1859
	Glazing gasket for glass thickness 28-36 mm	1861
	Glazing gasket for glass thickness 40-48 mm	1890

→ DucoFilter

Type	Description	Oder no.
	**DucoFilter 29 mm** for DucoTop 60 SR	21085
	**DucoFilter 45 mm** for DucoTon 80 SR, DucoLine 80 SR and DucoKlep 80 SR	21083

→ Transom sections for transom mounting

Type	Description	Oder no.
	Transom section 40 x 20 Black	23190
	Transom section 40 x 25 Black	23189

TECHNICAL SPECIFICATIONS

→ Ventilation values

Property		Regulation	Unit	DucoTop 60 SR (see p. 8)						DucoTop 60 SR AK (see p. 8)						DucoTop 60 SR AK+ (see p. 8)					
				Corto	Basso	Medio	Alto	Largo	Grando	Corto	Basso	Medio	Alto	Largo	Grando	Corto	Basso	Medio	Alto	Largo	Grando
Airflow (Q) **without** DucoFilter	**at 1 Pa**	EN 13141-1	l/s/m	12,9	12,9	12,6	12,8	13,0	12,8	13,5	13,3	13,0	13,1	12,9	12,6	8,9	8,3	8,1	8,1	7,7	7,9
	at 2 Pa			17,9	17,9	17,9	17,9	17,9	17,9	17,9	17,9	17,9	17,9	17,9	17,9	12,3	12,3	12,3	12,3	12,3	12,3
	at 10 Pa			13,8	13,8	13,8	13,8	13,8	13,8	13,8	13,8	13,8	13,8	13,8	13,8	14,9	14,9	14,9	14,9	14,9	14,9
	at 1 Pa	EN 13141-1	m³/h/m	46,4	46,4	45,4	46,1	46,8	46,1	48,6	47,9	46,8	47,2	46,4	45,4	32,0	29,9	29,2	29,2	27,7	28,4
	at 2 Pa			64,5	64,5	64,5	64,5	64,5	64,5	64,5	64,5	64,5	64,5	64,5	64,5	44,2	44,2	44,2	44,2	44,2	44,2
	at 10 Pa			49,8	49,8	49,8	49,8	49,8	49,8	49,8	49,8	49,8	49,8	49,8	49,8	53,7	53,7	53,7	53,7	53,7	53,7
Airflow (Q) **with** DucoFilter	**at 1 Pa**	EN 13141-1	l/s/m	11	11	10,7	10,9	11,1	10,9	11,5	11,3	11,1	11,1	11	10,7	7,6	7,1	6,9	6,9	6,5	6,7
	at 2 Pa			15,2	15,2	15,2	15,2	15,2	15,2	15,2	15,2	15,2	15,2	15,2	15,2	10,4	10,4	10,4	10,4	10,4	10,4
	at 10 Pa			11,8	11,8	11,8	11,8	11,8	11,8	11,8	11,8	11,8	11,8	11,8	11,8	12,7	12,7	12,7	12,7	12,7	12,7
	at 1 Pa	EN 13141-1	m³/h/m	39,6	39,6	38,5	39,2	40,0	39,2	41,4	40,7	40,0	40,0	39,6	38,5	27,4	25,6	24,8	24,8	23,4	24,1
	at 2 Pa			54,8	54,8	54,8	54,8	54,8	54,8	54,8	54,8	54,8	54,8	54,8	54,8	37,6	37,6	37,6	37,6	37,6	37,6
	at 10 Pa			42,3	42,3	42,3	42,3	42,3	42,3	42,3	42,3	42,3	42,3	42,3	42,3	45,6	45,6	45,6	45,6	45,6	45,6
Equivalent area at 1 Pa		EN 13141-1	mm²/m	16415	16415	16034	16288	16543	16288	17179	16924	16543	16669	16415	16034	11325	10562	10307	10307	9798	10053
Geometrical Free Area		EN 13141-1	mm²/m	19500	19500	19500	19500	19500	19500	19500	19500	19500	19500	19500	19500	19500	19500	19500	19500	19500	19500
U-value		EN 10077-2	W/m²K	1,80						1,80						1,80					
Self-regulating		EN 13141-1		yes						yes						yes					
Wind tightness class		EN 12207	Class	Class 3						Class 3						Class 3					
Wind tightness closed position		EN 1026	Pa	650						650						650					
Water tightness class		EN 12208	Class	E650						E650						E650					
Water tightness closed position		EN 1027	Pa	650						650						650					

→ Sound reduction

Property		Regulation	Unit	Corto	Basso	Medio	Alto	Largo	Grando	Corto	Basso	Medio	Alto	Largo	Grando	Corto	Basso	Medio	Alto	Largo	Grando
$D_{n,e}W$ open position		EN ISO 717	dB	26	26	27	27	27	28	28	29	30	31	33	33	30	32	34	34	37	39
C open position		EN ISO 717	dB	0	0	-1	0	0	0	0	0	0	0	-1	-1	-1	0	0	0	0	0
C_{tr} open position		EN ISO 717	dB	-1	-1	-1	-1	-1	-1	-2	-1	-2	-1	-2	-2	-2	-2	-2	-1	-2	-2
$D_{n,e}W$ closed position		EN ISO 717	dB	47	46	49	45	50	48	45	48	50	53	53	54	50	53	55	54	55	55
C closed position		EN ISO 717	dB	-1	0	0	-1	0	0	-1	-1	0	-1	-1	-1	0	-1	-1	-1	-1	-1
C_{tr} closed position		EN ISO 717	dB	-2	-1	-1	-3	-1	-2	-2	-2	-2	-4	-4	-4	-2	-3	-4	-4	-4	-4
Octave band values	at 125 Hz		dB	29,9	30,3	30,5	30,4	30,3	31,2	31,5	32,2	32,4	33,3	33,9	33,8	33,2	34,4	34,7	35,0	35,9	36,8
	at 250 Hz		dB	29,0	28,4	28,5	28,1	28,2	27,8	29,4	30,0	30,1	30,3	30,3	29,7	30,8	31,5	32,1	31,7	32,5	33,7
	at 500 Hz		dB	22,4	22,9	23,5	23,4	24,0	24,3	23,1	23,8	24,2	25,5	26,3	26,5	24,7	26,3	28,1	29,2	31,1	32,4
	at 1000 Hz		dB	24,3	24,7	25,7	26,5	26,2	26,7	25,9	27,6	28,9	30,7	31,7	31,6	27,6	30,4	32,8	33,1	36,5	38,8
	at 2000 Hz		dB	29,8	27,7	27,7	28,5	28,7	29,4	34,2	34,9	35,7	38,0	41,1	39,4	36,3	40,9	43,0	41,9	47,9	49,3

→ General specification

Property	Regulation	Unit	Corto	Basso	Medio	Alto	Largo	Grando	Corto	Basso	Medio	Alto	Largo	Grando	Corto	Basso	Medio	Alto	Largo	Grando
Finish			Anodised/DAR/Ral/Bi-Color						Anodised/DAR/Ral/Bi-Color						Anodised/DAR/Ral/Bi-Color					
Maximum drum- / flap length under warranty		mm	2000						2000						2000					
Standard control			manual						manual						manual					
Split ventilation flap from vent length		mm	2100						2100						2100					
Cord can be mounted still after placement			yes						yes						yes					
Endcap colours			 + RAL colours						 + RAL colours						 + RAL colours					

Endcap colours

white cream grey black

BASIC VENTS

DucoPlus 45 see p. 10	DucoPlus 60 see p. 12	DucoTon 80 SR see p. 14	DucoKlep 80 SR see p. 16	DucoLine 80 SR see p. 18			DucoFlat 80 SR see p. 20	DucoStrip see p. 22	
				10	17	23		Slimline	Wideline
7,1	11,2	10,2	15,2	10,7	17,4	22,6	11,5	2,03	4,1
10,03	15,8	12,3	15,5	16,4	23,0	29,6	13,8	2,9	5,8
22,50	34,9	15,7	15,6	14,4	21,0	27,4	19,0	6,6	12,6
25,56	40,3	36,7	54,7	38,5	62,6	81,4	41,4	7,3	14,8
36,1	56,7	44,3	55,9	59	82,8	106,7	49,7	10,4	20,9
81,00	125,6	56,6	56,3	52	75,5	98,5	68,3	23,8	45,4
n/a	n/a	8,7	12,9	9,1	14,8	19,2	n/a	n/a	n/a
n/a	n/a	10,5	13,2	13,9	19,6	25,2	n/a	n/a	n/a
n/a	n/a	13,4	13,3	12,3	17,8	23,3	n/a	n/a	n/a
n/a	n/a	31,3	46,4	32,8	53,3	69,1	n/a	n/a	n/a
n/a	n/a	37,7	47,5	50,2	70,4	90,7	n/a	n/a	n/a
n/a	n/a	48,1	47,9	44,2	64,2	83,7	n/a	n/a	n/a
9008	14224	12976	19342	13615,8	22141,5	28758,5	14685	2581	5263
10000	15000	14400	19200	10800	19300	29500	15000	3000	6500
1,84	4,02	2,26	2,40	2,81			3,00	-	
no	no	yes	yes	yes			yes	no	
Class 2	Class 3	Class 3	Class 2	Class 2			Class 3	Class 2	
450	650	650	450	450			650	300	
E900	E650	8A	E650	E700			5A	5A	
900	650	450	650	700			200	200	
				10	17	23			
25	25	27	25	29	28	26	27	32	28
0	0	-1	0	-1	-1	0	0	-1	0
0	0	-1	-1	-2	-2	0	-1	0	1
41	39	34	37	33	33	33	44	36	35
-1	-1	0	0	-1	-1	-1	0	-1	-1
-2	-1	-1	0	-2	-2	-2	0	-1	-2
25,5	27,8	25,9	24,2	26,4	24,7	23,9	27,2	32,0	31,3
29,1	27,1	28,4	25,6	28,4	27,4	26,9	27,3	41,1	36,5
28,3	26,2	26,9	24,9	29,5	28,5	28,1	24,3	37,0	32,7
25,7	27,0	25,6	23,3	24,7	24,7	24,5	25,6	32,7	27,7
23,1	26,7	27,6	25,7	29,4	28,3	26,3	27,3	29,7	27,0
Anodised/DAR/Ral	Anodised/DAR/Ral	Anodised/DAR/Ral/ Bi-Color	Anodised/DAR/Ral/ Bi-Color	Anodised/DAR/Ral/Bi-Color			Anodised/DAR/Ral/ Bi-Color	Anodised/DAR/Ral/ Bi-Color	
1500	1500	1500	1500	1500			1500	n/a	
handle 15	handle 15	handle 15	handle 40	handle 30/10	handle 30/17	handle 30	handle 10	manual	
1500	1500	1500	1500	1500			1500	n/a	
yes	yes	no	yes	yes			yes	no	

TECHNICAL SPECIFICATIONS

→ Ventilation values

Property		Regulation	Unit	DucoStrip Acoustic see p. 24						GlasMax SR see p. 26				DucoMax SR SkyMax SR see p. 28			
				2500 EA			5000 EA			10	15	20	25	Corto 10	Corto 15	Corto 20	Corto 25
				Double Acoustic	Acoustic Inside	Acoustic Outside	Double Acoustic	Acoustic Inside	Acoustic Outside								
Airflow (Q) without DucoFilter	**at 1 Pa**	EN 13141-1	l/s/m	2,5	2,8	2,7	3,9	4,2	4,2	15,9	21,1	24,1	28,6	13,0	20,7	26,9	32,0
	at 2 Pa			3,5	3,9	3,8	5,6	5,9	6,1	18,2	24,6	30,4	34,4	24,1	25,7	39,3	42,5
	at 10 Pa			8,0	9,0	8,8	12,7	13,2	13,8	16,8	20,7	27,6	29,3	20,2	22,4	35,3	30,4
	at 1 Pa	EN 13141-1	m³/h/m	9,0	10,1	9,7	14,0	15,1	15,1	57,2	76,0	86,8	103,0	46,8	74,5	96,8	115,2
	at 2 Pa			12,6	14,0	13,7	20,2	21,2	22,0	65,6	88,4	109,3	123,9	86,7	92,5	141,5	152,9
	at 10 Pa			28,8	32,4	31,7	45,7	47,5	49,7	60,3	74,6	99,3	105,3	72,8	80,8	127,1	109,3
Airflow (Q) with DucoFilter	**at 1 Pa**	EN 13141-1	l/s/m	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	at 2 Pa			n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	at 10 Pa			n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	at 1 Pa	EN 13141-1	m³/h/m	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	at 2 Pa			n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	at 10 Pa			n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Equivalent area at 1 Pa		EN 13141-1	mm²/m	3040	3346	3543	5046	5263	5394	20233	26850	30667	36394	16543	26341	34230	40720
Geometrical Free Area		EN 13141-1	mm²/m	4511			6450			10000	15000	20000	25000	10000	15000	20000	25000
U-value		EN 10077-2	W/m²K	-						1,56				2,58			
Self-regulating		EN 13141-1		no						yes				yes			
Wind tightness class		EN 12207	Class	Class 2						Class 3				Class 2			
Wind tightness closed position		EN 1026	Pa	300						600				600			
Water tightness class		EN 12208	Class	5A						E1050				E1050			
Water tightness closed position		EN 1027	Pa	200						1050				1050			

→ Sound reduction

Property		Regulation	Unit	2500 EA			5000 EA			10	15	20	25	Corto 10	Corto 15	Corto 20	Corto 25
				Double Acoustic	Acoustic Inside	Acoustic Outside	Double Acoustic	Acoustic Inside	Acoustic Outside								
$D_{n,e,}W$ open position		EN ISO 717	dB	42	37	37	37	34	34	37	35	34	27	44	38	37	36
C open position		EN ISO 717	dB	-2	0	0	-1	0	0	-1	-1	0	0	-1	0	0	-1
C_{tr} open position		EN ISO 717	dB	-3	0	0	-2	-1	0	-3	-2	-2	-1	-3	-2	-2	-2
$D_{n,e,}W$ closed position		EN ISO 717	dB	56	57	54	53	51	51	50	51	49	42	61	57	56	54
C closed position		EN ISO 717	dB	-3	-1	-1	-1	-1	-1	-1	-1	0	0	-1	-1	-1	-1
C_{tr} closed position		EN ISO 717	dB	-5	-5	-4	-4	-3	-3	-3	-4	-3	-1	-4	-4	-4	-3
Octave band values	at 125 Hz		dB	41,2	41,5	41,5	41,4	41,4	41,4	33,7	32,9	33,2	24,7	38,2	36,6	35,7	35,0
	at 250 Hz		dB	38,9	39,9	39,9	37,6	38,4	38,2	31,1	31,0	31,1	26,7	35,5	32,2	30,7	29,8
	at 500 Hz		dB	33,8	32,4	32,9	29,7	30,5	30,5	28,6	27,9	27,9	24,9	38,6	33,6	32,6	31,0
	at 1000 Hz		dB	43,2	38,1	38,1	36,6	33,8	35,2	39,2	36,2	34,8	26,8	44,0	35,8	35,0	34,3
	at 2000 Hz		dB	46,4	37,4	37,4	41,9	34,6	35,7	46,4	40,5	38,6	28,0	49,1	45,8	45,2	44,5

→ General specification

Property	Regulation	Unit	2500 EA			5000 EA			10	15	20	25	Corto 10	Corto 15	Corto 20	Corto 25
			Double Acoustic	Acoustic Inside	Acoustic Outside	Double Acoustic	Acoustic Inside	Acoustic Outside								
Finish			Anodised/DAR/Ral/Bi-Color						Anodised/DAR/Ral/Bi-Color				Anodised/DAR/Ral/Bi-Color			
Maximum drum- / flap length under warranty		mm	n/a						2000				2000			
Standard control			manual						flap handle 15				flap handle 15			
Split ventilation flap from vent length		mm	n/a						2000				2000			
Cord can be mounted still after placement			no						yes				yes			
Endcap colours			□ ■						□ ■				□ ■			

Endcap colours

□ white ▢ cream ▒ grey ■ black

SOUND ABSORBING VENTS

DucoMax SR SkyMax SR see p. 28				DucoMax SR SkyMax SR see p. 28				DucoMax SR SkyMax SR see p. 28				Silenzio SR see p. 30		Silenzio Retro SR see p. 30	
Medio 10	**Medio 15**	**Medio 20**	**Medio 25**	**Alto 10**	**Alto 15**	**Alto 20**	**Alto 25**	**Largo 10**	**Largo 15**	**Largo 20**	**Largo 25**	**standard**	**AK**	**without outside cap**	**with Duco outside cap**
11,2	17,7	25,6	30,8	11,9	17,5	26,3	29,7	11,9	17,9	26,9	28,9	16,6	9,0	10,7	9,0
24,1	25,7	39,3	42,5	24,1	25,7	39,3	42,5	24,1	25,7	39,3	42,5	16,5	10,1	15,2	12,9
20,2	22,4	35,3	30,4	20,2	22,4	35,3	30,4	20,2	22,4	35,3	30,4	16,4	10,3	10,1	10,1
40,3	63,7	92,2	110,9	42,8	63,0	94,7	106,9	42,8	64,4	96,8	104,0	59,8	32,4	38,5	32,4
86,7	92,5	141,5	152,9	86,7	92,5	141,5	152,9	86,7	92,5	141,5	152,9	59,4	36,4	54,7	46,5
72,8	80,8	127,1	109,3	72,8	80,8	127,1	109,3	72,8	80,8	127,1	109,3	59,1	37,1	36,4	36,4
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
14252	22523	32576	39193	15143	22269	33467	37793	15143	22778	34230	36775	21060	11478	13616	11453
10000	15000	20000	25000	10000	15000	20000	25000	10000	15000	20000	25000	17600	17600	17600	11500
2,58				2,58				2,58				4,76	4,76	4,76	4,76
yes				yes				yes				yes		yes	
Class 2				Class 2				Class 2				Class 2		Class 2	
600				600				600				300		300	
E1050				E1050				E1050				9A		9A	
1050				1050				1050				600		Depends on outside section	600
Medio 10	**Medio 15**	**Medio 20**	**Medio 25**	**Alto 10**	**Alto 15**	**Alto 20**	**Alto 25**	**Largo 10**	**Largo 15**	**Largo 20**	**Largo 25**	**standard**	**AK**	**without outside cap**	**with Duco outside cap**
47	45	40	40	49	47	42	41	54	50	47	43	39	48	43	43
0	-1	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
-3	-3	-3	-3	-4	-4	-3	-3	-4	-3	-4	-4	-4	-4	-3	-3
63	64	58	59	63	63	60	60	62	62	61	58	50	61	64	64
-2	-2	-1	-1	-1	-1	-1	-1	-1	-2	-2	-1	-2	-1	-3	-3
-5	-6	-3	-4	-5	-6	-4	-5	-4	-5	-5	-4	-5	-6	-10	-10
37,4	37,9	35,2	34,6	36,3	37,6	34,0	34,8	40,9	38,9	35,4	33,4	27,8	35,5	37,4	37,4
37,7	36,2	31,1	30,3	39,4	36,8	32,2	30,7	43,5	40,0	35,6	32,3	27,5	36,3	33,7	33,7
42,0	38,1	34,4	34,7	44,3	41,4	36,7	35,3	48,6	45,8	41,9	39,3	31,9	42,7	40,8	40,8
49,7	46,2	42,1	40,5	51,7	48,1	43,1	41,9	55,4	50,9	48,5	43,9	46,2	65,4	42,3	42,3
53,0	54,2	47,7	50,8	52,2	56,5	48,3	49,5	58,3	59,0	57,6	50,1	56,8	70,7	44,7	44,7
Medio 10	**Medio 15**	**Medio 20**	**Medio 25**	**Alto 10**	**Alto 15**	**Alto 20**	**Alto 25**	**Largo 10**	**Largo 15**	**Largo 20**	**Largo 25**	**standard**	**AK**	**without outside cap**	**with Duco outside cap**
Anodised/DAR/Ral/Bi-Color				Anodised/DAR/Ral/Bi-Color				Anodised/DAR/Ral/Bi-Color				Anodised/DAR/Ral/Bi-Color		Anodised/DAR/Ral	Anodised/DAR/Ral/Bi-Color
2000				2000				2000				n/a		n/a	
flap handle 15				flap handle 15				flap handle 15				manual		manual	
2000				2000				2000				n/a		n/a	
yes				yes				yes				n/a		n/a	
□ ■				□ ■				□ ■				□ ■		n/a	

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L0000170 Document last modified on 08.03.2019 (revision D)