



NATURAL & SOUND ABSORBING VENTILATION



HOME OF OXYGEN

An optimal indoor climate is healthy and gives a good feeling. Duco developed its Green Building Solution for this reason where basic ventilation, intensive ventilation and solar shading are combined. This enables us to guarantee an optimum air quality and thermal comfort, for

both residential and non-residential housing. And that with a minimum of energy consumption. Because Duco's solutions are natural and energy efficient. They give homes and non-domestic buildings an aesthetic added value.

Duco , Home of Oxygen

DUCO
Ventilation & Sun Control

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The need for Ventilation



The air quality in homes is often of a worrisome level. These days, buildings are also better insulated. Ventilation is, therefore, essential. If there is no ventilation or if it is insufficient, contaminated substances and moisture accumulate quickly. This can lead to health complaints in due course and it is harmful to buildings.

A controlled, natural supply of fresh air via the façade, in conjunction with centralised mechanical extraction of stale air from the wet rooms : that's the formula. This way of ventilating is the best possible way to provide healthy and energy efficient ventilation.

→ SR flap

Ensures optimum comfort and energy gain

All Duco vents come as standard with a self regulation ('SR') ventilation flap. This flap ensures a constant ventilation volume is applied independent of wind pressure. This allows for not only good comfort conditions but also provides a net energy gain! Combined with Duco's ventilation systems, ventilation and energy effectiveness will work as a harmonious whole.

→ Design

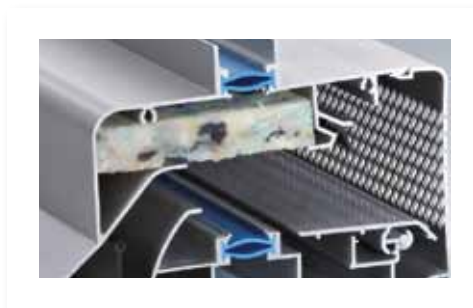
Duco window vents are thermally broken. All vents comprise of an insect-proof detachable inner profile. Operation to open and close the flap is by a handle. Alternatively, this handle is available to be fitted with either a cord* or a rod (*does not apply to FireMax 'SR'). Each type of acoustic vent and acoustic air inlet included in this brochure is available in different varieties of air flow rates. They are designed for use in high-rise buildings.

Timber, aluminium, PVC or steel ? It makes no difference.

→ Suits all frame types

The vents are easy to install on all types of window frames (aluminium, PVC, timber and steel). In some cases, installation of the vents can be carried out before delivery to site.

→ Ventilation and sound attenuation



Keep out all disturbing sounds

Indoor comfort conditions are not just determined by air quality and indoor temperature.

Possible noise nuisance also may play a role. Especially beside major roads and railways or near airports where the levels of noise nuisance can be high. More and more authorities set minimum requirements with regard to sound attenuation in homes and offices.



Timber



Aluminium



PVC



Steel

The real important issue is the ventilation system you select.

Duco's ventilation systems are given high marks in air extraction techniques and design. Also, Duco has a long-standing reputation in acoustics and the company offers a large variety of different acoustic products lined with sound absorbing material made from sustainable materials that help to prevent complaints subsequently arising from allergies.

Duco has a solution designed to meet the needs of any kind of noise pollution!



DucoPlus 45

Minimum glass reduction

DucoPlus 45 is a “controllable” aluminium glazed-in window ventilator featuring a smoothly curved canopy for superior weatherability and positive action inner ‘tip’ which directs the flow of incoming air upwards.

→ 45 mm glass reduction only and thermally broken.

→ Graduated operation for greater control.

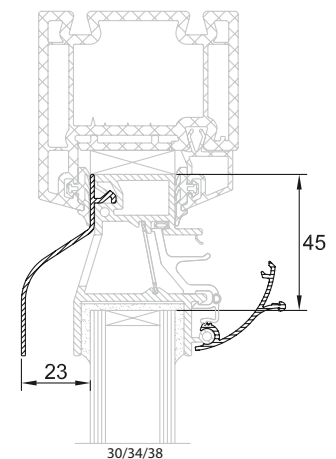
→ Positive action inner ‘tip’.

→ DucoPlus 45 on timber:

→ DucoPlus 45 on aluminium:

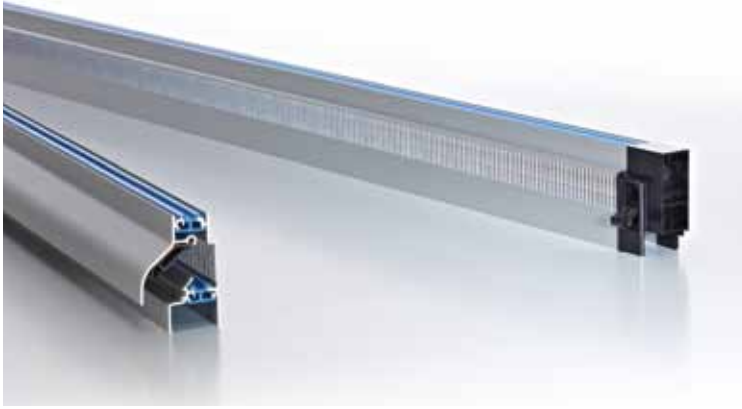
see www.duco.eu

→ DucoPlus 45 on uPVC



Technical Specifications

Airflow at 1 Pa		7,2 l/s/m
Airflow at 2 Pa		37 m ³ /h/m
Equivalent Area at 1 Pa		9162 mm ² /m
Free air performance		15000 mm ² /m
Wind and water tightness (in closed position)		wind: 600 Pa / water: 900 Pa
Stiffness and strength		Up to 600 Pa
Glass reduction		45 mm
Glass thickness		24,28 and 32 mm
Vent height		60 mm
Sound reduction, D _{ne} , W (C;Ctr)	in open position	25,0 dB (0;1)
	in closed position	44,0 dB [-1;-2]
U value		1,84 W/m ² K



DucoPlus 60

Compact vent

DucoPlus 60 is a “controllable” and thermally broken aluminium glazed-in window ventilator featuring a smooth external design with an internal “air deflector” directing the incoming air upwards, thus avoiding draughts.

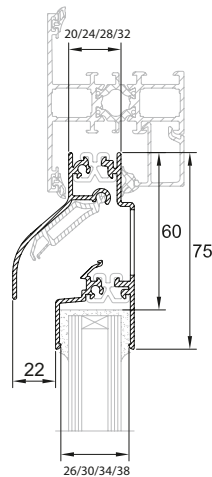
- Minimum glass reduction, maximum air throughput.
- Good acoustic performance.
- Authentic Duco Softline-Design.

→ DucoPlus 60 on timber:

→ DucoPlus 60 on aluminium:

see www.duco.eu

→ DucoPlus 60 on uPVC



Technical Specifications

Airflow at 1 Pa		13,5 l/s/m
Airflow at 2 Pa		70 m ³ /h/m
Equivalent Area at 1 Pa		17179 mm ² /m
Free Air performance		15000 mm ² /m
Wind and water tightness (in closed position)		Up to 650 Pa
Stiffness and strength		Up to 1430 Pa
Glass reduction		60 mm
Glass thickness		20,24,28 and 32 mm
Vent height		75 mm
Sound reduction, D _{ne} , W (C;Ctr)	in open position	27,0 dB (0;0)
	in closed position	45,0 dB (-1;-1)
U value		4,02 W/m ² K



DucoTop 60 'SR'

Invisible fitting

Sitting on top of the window frame, the vent is almost **invisible**. It does not interfere with the designed U value of the complete window. The integrity of the window frame and glazing is untouched. The DucoTop 60 'SR' sits on top of any style of window frame, uPVC, aluminium or timber. From 68 to 188 mm in depth, and creates no visual distraction to the window. It removes the fitting of a vent from the window manufacturing process.

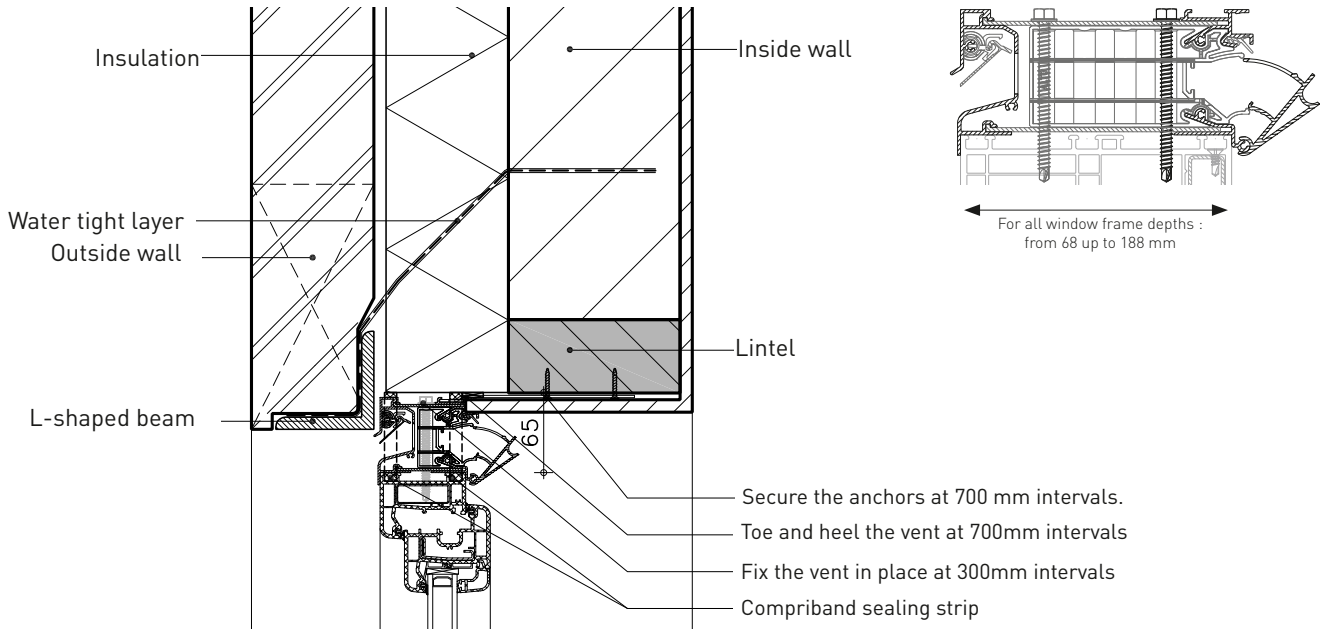
The self regulating vent equalizes the airflow thus avoiding uncomfortable draughts. The DucoTop 60 'SR' range is further enhanced by the addition of the DucoTop 60 'SR' AK, the standard acoustic version, and for locations with higher noise levels, the DucoTop 60 'SR' AK+ is the answer !

Technical Specifications

Sound reduction Dne, W [C;Ctr]	in open position	up to 39 dB(A) [0;-2]
	in closed position	55 dB(A) [-1;-4]
Water tightness (in the closed position) + Wind tightness (in the closed position)		650 Pa
Glass reduction		n/a
Vent height		60 mm
Fitting height		65 mm
U value		1,8 W/m ² K

Quick and easy installation

The window vent comes as a complete unit. The top is transparent and accommodates pre-drilled, glass-fibre reinforced joining elements. The top mounted self-anchoring channel ensures a quick and strong fixing to the adjacent walls. All movable parts are easy to replace.



Performance

Type	Fitting Depth (mm)	Version	Airflow at 1 Pa (l/s/m)	Airflow at 2 Pa (m³/h/m)	Equivalent area at 1 Pa vent (mm²)	Free Air Performance mm²/m	Dne, W(C;Ctr) (in dB) open	Dne, W(C;Ctr) (in dB) closed
Corto	68-88 mm	Standard	12,9	66,2	16415,3	12600	26 [0,-1]	47 [-1,-2]
		Acoustic	13,5	69,1	17178,8	12600	28 [0,-2]	45 [-1,-2]
		Extra Acoustic	8,9	45,7	11325,3	12600	30 [-1,-2]	50 [0,-2]
Basso	88-108 mm	Standard	12,9	66,6	16415,3	12600	26 [0,-1]	46 [0,-1]
		Acoustic	13,3	68,4	16924,3	12600	29 [0,-1]	48 [-1,-2]
		Extra Acoustic	8,3	43,2	10561,8	12600	32 [0,-2]	53 [-1,-3]
Medio	108-128 mm	Standard	12,6	64,8	16033,5	12600	27 [-1,-1]	49 [0,-1]
		Acoustic	13	67,0	16542,5	12600	30 [0,-2]	50 [0,-2]
		Extra Acoustic	8,1	42,1	10307,3	12600	34 [0,-2]	55 [-1,-4]
Alto	128-148 mm	Standard	12,8	66,6	16288,0	12600	27 [0,-1]	45 [-1,-3]
		Acoustic	13,1	67,7	16669,8	12600	31 [0,-1]	53 [-1,-4]
		Extra Acoustic	8,1	42,1	10307,3	12600	34 [0,-1]	54 [-1,-4]
Largo	148-168 mm	Standard	13	67,3	16542,5	12600	27 [0,-1]	50 [0,-1]
		Acoustic	12,9	66,2	16415,3	12600	33 [-1,-2]	53 [-1,-4]
		Extra Acoustic	7,7	40,0	9798,3	12600	37 [0,-2]	55 [-1,-4]
Grando	168-188 mm	Standard	12,8	65,9	16288,0	12600	28 [0,-1]	48 [0,-2]
		Acoustic	12,6	65,2	16033,5	12600	33 [-1,-2]	54 [-1,-4]
		Extra Acoustic	7,9	41,0	10052,8	12600	39 [0,-2]	55 [-1,-4]

Optional

→ The end caps can be finished to any RAL colour.



DucoTon 80 'SR'

Timeless classic

DucoTon 80 'SR' is a "controllable" aluminium glazed-in window ventilator featuring a 'rotating drum' and a soft line design outer profile. The punched symmetrical inside profile

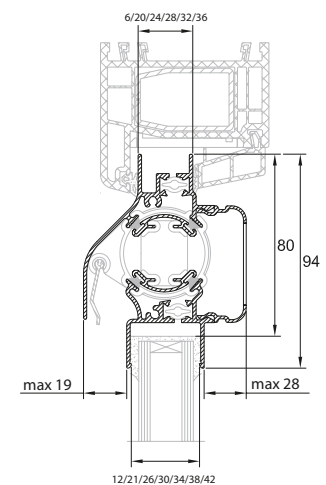
- Ventilator with 'rotating drum'
- Soft line design
- Finseal brushes for perfect seal against wind and water

→ DucoTon 80 'SR' on timber:

see www.duco.eu

→ DucoTon 80 'SR' on aluminium:

→ DucoTon 80 'SR' on uPVC



Technical Specifications

Airflow at 1 Pa	10,3 l/s/m
Airflow at 2 Pa	49,7 m ³ /h/m
Equivalent area at 1 Pa	13106,8 mm ² /m
Free air performance	14400 mm ² /m
Wind and water tightness (in closed position)	650 Pa
Stiffness and strength	up to 1600 Pa
Glass reduction	80 mm
Glass thickness	6*/15/20/24/28/32/36 mm
Vent height	94 mm
Sound reduction: D _{ne,W[C;Ctr]} in open position	27,0 dB [-1;-1]
in closed position	34,0 dB [0;-1]
U value	2,26 W/m ² K

* Not available with 'SR' flap



DucoKlep 80 'SR'

Compact vent

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

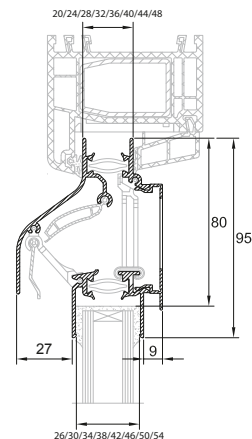
- Flat inner profile
- Suitable for applications in the fixed panes of a sliding window
- With thumb control handle

→ DucoKlep 80 'SR' on timber:

→ DucoKlep 80 'SR' aluminium:

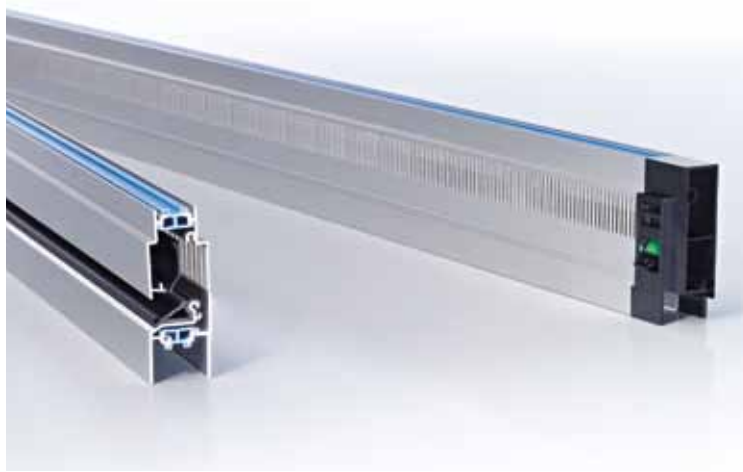
see www.duco.eu

→ DucoKlep 80 'SR' on uPVC



Technical Specifications

Airflow at 1 Pa	15,2 l/s/m
Airflow at 2 Pa	76,9 m³/h/m
Equivalent area at 1 Pa	19342 mm²/m
Free air performance	19200 mm²/m
Wind and water tightness (in closed position)	wind: 450 Pa/water: 650 Pa
Stiffness and strength	up to 1600 Pa
Glass reduction	80 mm
Glass thickness	20/24/28/32/36/40/44/48 mm
Vent height	95 mm
Sound reduction: D _{ne,W(C;Ctr)} in open position	25,0 dB (0;-1)
in closed position	37,0 dB (0;0)
U value	2,4 W/m²K



DucoFlat 80 'SR'

Completely flat vent

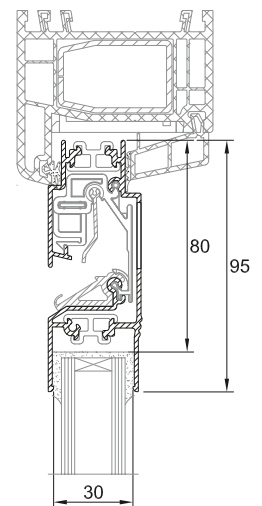
DucoFlat 80 'SR' series vents provide a completely flat appearance and have been specifically engineered for integration in the fixed and sliding panes of a sliding window or a sliding door.

- Completely flat vent.
- Suitable for installation in the sliding and fixed panes of a sliding window or sliding door.

REMARK: DucoFlat 80 'SR' is only applicable for sliding windows in low-rise buildings (up to the second floor) and is always performed with the SR flap.

- DucoFlat 80 'SR' on aluminium:
- DucoFlat 80 'SR' on timber: see www.duco.eu

→ DucoFlat 80 'SR' on uPVC



Technical specifications

Airflow at 1 Pa		11,50 l/s/m
Airflow at 2 Pa		58,98 m ³ /h/m
Equivalent Area at 1 Pa		14633,8 mm ² /m
Free Air performance		15000 mm ² /m
Wind and water tightness (in closed position)		wind: 650 Pa / water: 200 Pa
Stiffness and strength		Up to 1600 Pa
Glass reduction		80 mm
Glass thickness		24, 28 and 32 mm
Vent height		95 mm
Sound reduction, D _{ne} , W (C;Ctr)	in open position	27,0 dB (0;-1)
	in closed position	44,0 dB (0;0)
U value		3 W/m ² K



DucoStrip

Aluminium slot ventilators

DucoStrip is an aluminium 'through the frame' slot ventilators. The combination of 'the smooth & design and integrated endcaps and high quality polyester powder coating makes DucoStrip the preferred choice for any type of window frames.

- Smooth & Slim with minimum protrusion.
- Directs flow of incoming air upwards.
- Fitting screws concealed by smooth end caps.
- O-ring seal ensures highest rating of weather tightness: 900 Pa.

REMARK: The DucoStrip is only suitable for windows in low-rise buildings (up to the second floor)

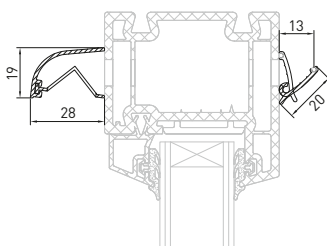
Equivalent Area

Vent length (mm)	Slot height (mm)	Equivalent area (mm ² /m)
340	10	2838
450	10	3868
290	12	2545
370	12	3385
230	16	2481
290	16	3359
360	16	4034
410	16	4579
460	16	5663
680	16	8348

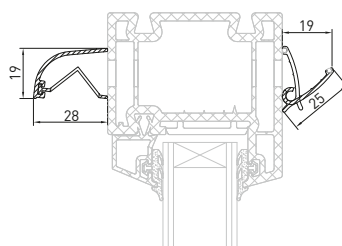
Characteristics

- Material: aluminium: Al Mg Si 0,5 to DIN 1748, part 1
- Finishes: polyester powder coating (60µ): UV colourfast, anodised (20µ)
- End caps: white or black
- Screws: stainless steel A2 Philips screws 3,5 x 9 mm DIN 7891

→ DucoStrip Controllable vents

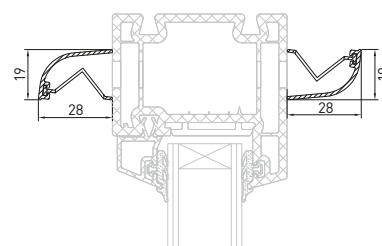


Canopy & 'slimline' stripvent
(for slot widths 10 to 13 mm)



Canopy & 'wideline' stripvent
(for slot widths 14 to 16 mm)

→ DucoStrip Permanent vents



Canopy & canopy
(for slot widths 12 to 16 mm)



GlasMax 'SR'

'Acoustic ventilator'

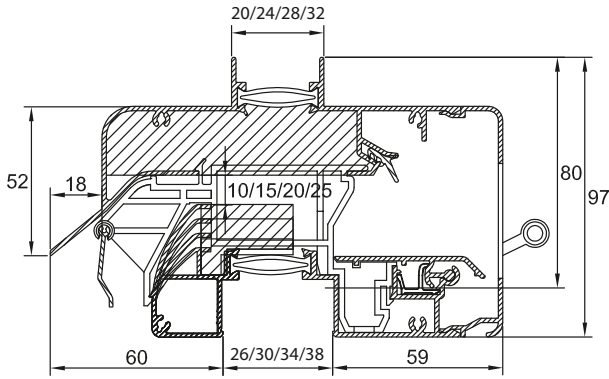
GlasMax 'SR' is an acoustic and thermally broken vent engineered for installation on glazing. The acoustic air inlet is exceptionally suitable for low-level noise disturbance; can achieve up to 37 dB.

- Vent with sound absorbing infill made from sustainable materials.
- The sound absorbing material filters the air inflow, thereby reducing airborne irritants.
- Suited to high-rise applications (up to 40m height).
- Four different air flow rates.

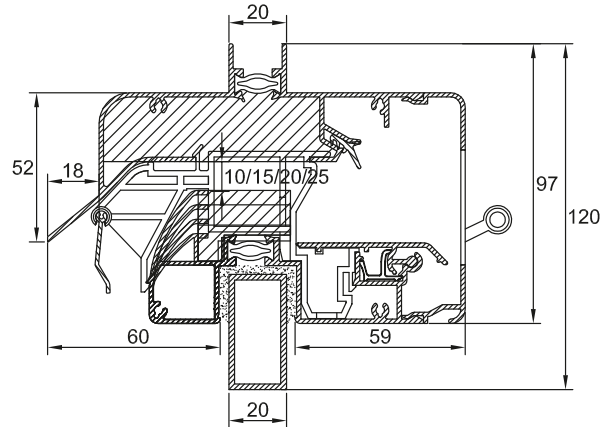
Technical Specifications

Water tightness (in closed position)	1050 Pa
Wind tightness (in closed position)	600 Pa
Glass reduction	80 mm
Glazing thickness	20/24/28/32 mm
With transom profile	40 x 20 mm
Compact transom mounting, including built-in height	90 mm
Vent height	
Installation on glass	97 mm
Transom mounting	120 mm
Compact transom mounting	120 mm
U value	1,56 W/m ² K

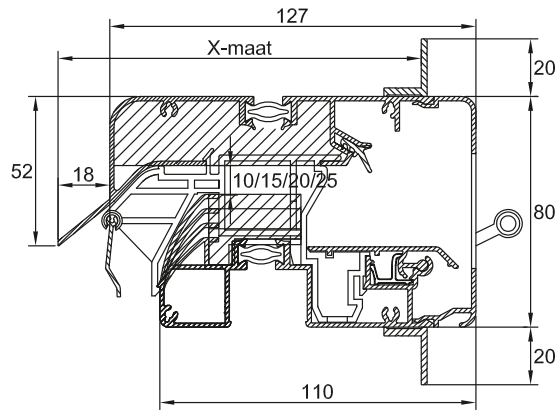
→ GlasMax 'SR'
Fitting over the glass



→ GlasMax 'SR'
Transom mounting



→ GlasMax 'SR'
Compact transom mounting



Performance

Air slot	Airflow at 1 Pa (l/s/m)	Airflow at 2 Pa (m³/h/m)	Equivalent Area at 1 Pa vent (mm²/m)	Free Air Performance mm²/m	D _{ne,W} (C, Ctr) in dB (vent open)
10 mm	15,9	81,7	20233	10000	37 [-1;-3]
15 mm	21,1	107,7	26850	15000	35 [-1;-2]
20 mm	24,1	132,3	30667	20000	34 [0;-2]
25 mm	28,6	146,6	36394	25000	27 [0;-1]

Air slot	Octave band values in dB				
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz
10 mm	33,7	31,1	28,6	39,2	46,4
15 mm	32,9	31	27,9	36,2	40,5
20 mm	33,2	31,1	27,9	34,8	38,6
25 mm	24,7	26,7	24,9	26,8	28



DucoMax 'SR'

Superior sound absorption

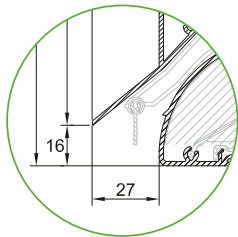
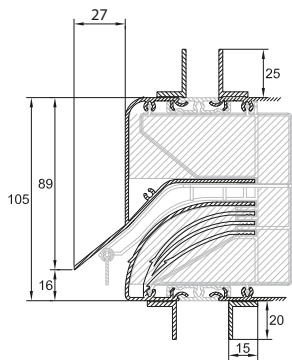
DucoMax 'SR' is a self regulating, acoustic vent (sound attenuating ventilator), specifically engineered for situations exposed to high levels of noise disturbance. The various types are attractively designed and offer excellent acoustic and airflow performance.

- Four fitting depths : Corto (small), Medio (medium), Alto (large), Largo (extra large).
- Suited to situations giving rise to high levels of noise disturbance.
- Mounts on any type of installation.
- Suited to high-rise applications (up to 40m height).

Technical specifications

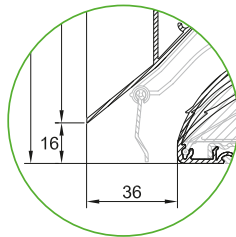
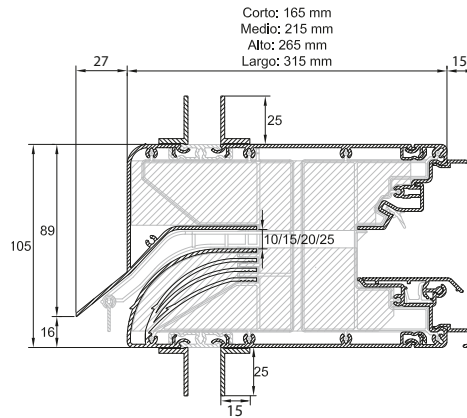
Water tightness (in closed position)	1050 Pa
Wind tightness (in closed position)	600 Pa
Strength and rigidity	Meets the highest standard
Glass reduction	135 mm
Compact transom mounting, including built-in height	115 mm
Vent height	
Installation on glazing	150 mm
Transom mounting	155 mm
Compact transom mounting	145 mm
U value	2,58 W/m ² K

→ DucoMax 'SR'
Fitting over the glass



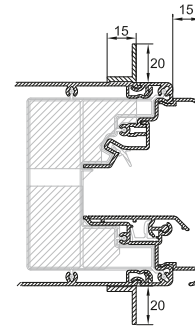
→ Suits 10 mm air slot.

→ DucoMax 'SR'
Transom mounting



→ Suits 15, 20 & 25 mm air slot.

→ DucoMax 'SR'
Compact transom mounting



Performance

DucoMax 'SR'	Airflow at 1 Pa (l/s/m)	Airflow at 2 Pa (m ³ /h/m)	Equivalent Area at 1 Pa vent (mm ² /m)	Free Air Performance mm ² /m	D _{ne,W} (C;Ctr) in dB(A) (vent open)	Octave band values in dB(A)				
						125	250	500	1000	2000
Corto 10	13	67,3	16542	10000	41 (-1;-2)	32,8	33,7	39,5	44,4	40,0
Corto 15	20,7	104,8	26341	15000	38 (0;-2)	30,4	30,8	34,6	40,5	40,1
Corto 20	26,9	137,1	34230	20000	36 (0;-2)	29,4	28,6	32,1	38,7	38,2
Corto 25	32	163,1	40720	25000	36 (-1;-3)	29,0	28,4	30,5	37,2	39,9
Medio 10	11,2	56,6	14252	10000	44 (-1;-2)	35,1	35,1	42,5	49,3	43,1
Medio 15	17,7	91,4	22523	15000	42 (-1;-3)	31,1	33,4	37,2	47,9	45,2
Medio 20	25,6	132,5	32576	20000	39 (-1;-2)	30,3	30,5	36,5	43,3	39,0
Medio 25	30,8	156,6	39193	25000	37 (-1;-3)	28,8	28,3	31,6	39,3	41,2
Alto 10	11,9	60,8	15143	10000	47 (-1;-3)	34,3	37,5	44,1	51,1	48,7
Alto 15	17,5	90,4	22269	15000	45 (-1;-4)	32,1	34,6	41,2	50,0	47,7
Alto 20	26,3	134,6	33467	20000	41 (0;-3)	29,5	31,3	38,0	48,5	42,9
Alto 25	29,7	150,5	37793	25000	39 (-1;-4)	28,3	28,9	33,9	45,4	40,9
Largo 10	11,9	60,8	15143	10000	51 (-2;-5)	35,0	40,1	49,6	57,0	52,2
Largo 15	17,9	92,5	22778	15000	44 (-2;-3)	32,1	36,5	43,2	53,2	40,9
Largo 20	26,9	137,2	34230	20000	42 (-1;-2)	30,2	34,2	42,4	47,4	41,2
Largo 25	28,9	147,6	36775	25000	40 (-1;-2)	29,6	31,3	38,3	44,5	39,9



SkyMax 'SR'

Acoustic vent for high-rise buildings

The sky is the limit with Duco's SkyMax SR. This self-regulating acoustic natural ventilation unit has been specially developed for high-rise building applications. The SkyMax 'SR' has been subjected to an exceptional series of tests and trials at a height of 50 metres. The efficiency of the SkyMax 'SR' has been further improved in the Cauberg-Huygen laboratories to offer hassle-free performance in applications up to 70 metres.

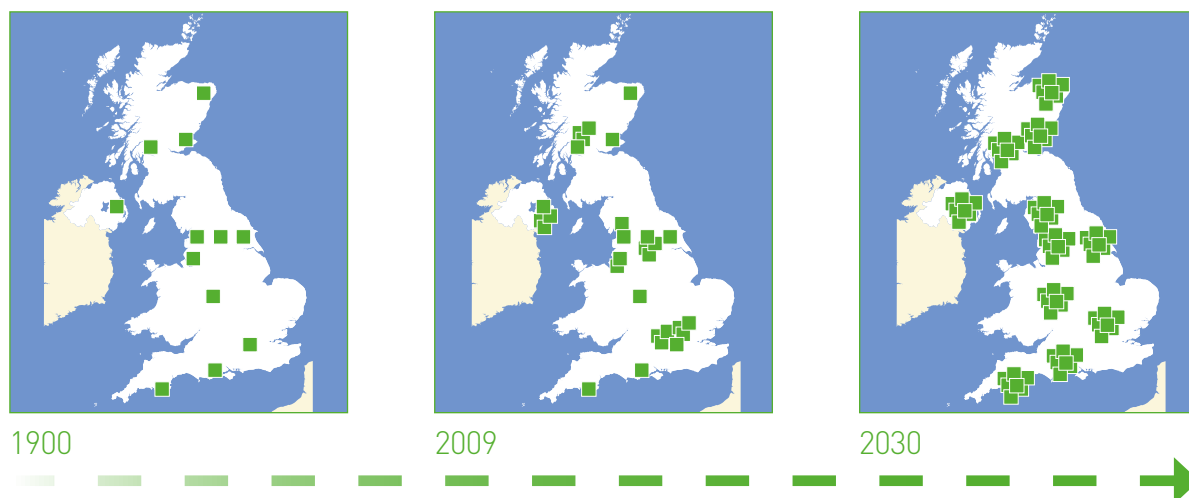
Technical Specifications & General Values Table

- For technical detailing and cross-sections, contact your local dealer.
- Specific fitting instructions apply to SkyMax SR series vents. These instructions are available at Duco or at your local dealer.

SkyMax
'SR'
highlighted

- The active closing movement of the aluminium flap will not generate whistling noises when exposed to either under or over pressure conditions.
- Hassle-free operation is guaranteed up to 70 metres.
- Excellent wind and water tightness
- Suited to situations of high levels of noise exposure.

The development of high-rise buildings



Today, high-rise buildings are well established in our landscape. The process of rapid urbanisation and emerging regions has induced an increase **in the demand for high-rise dwellings**. This is essential due to the lack of building space available in city and town centres and to the demand for housing outpacing supply. Building vertically is the only viable solution for expanding regions to preserve the surrounding farm land and to counter the loss of open and green spaces. What is more, high-rise buildings displaying remarkable architectural features can contribute positively to the identity of a city or region.

'The Sky is the **Max**'

Needless to say that vents for high-rise building applications are designed to achieve high levels of **wind and water tightness and of acoustic performance**.

The higher the building, the more exposed to wind the building is. A typical average wind speed of 5 m/s at 10 metres can generate a wind speed of 12 m/s at 100 metre height. The average wind induced pressure on a building envelope at 10 metre height is about 15 Pa, at 100 metre height, pressure increases to about 85 Pa.





FireMax 'SR'

Fire-resistant

FireMax 'SR' was the first-ever fire-resistant window vent available on the market. The vent is suited to 'invisible' compact transom mounting behind an external wall or to glazed-in mounting. FireMax 'SR' has been rated as excellent in terms of flame density, thermal insulation and air leakage prevention.

This sound-attenuating vent, featuring an internal fire resisting element, has been subject to a series of stringent tests. Fire resistance must satisfy the following access criteria to qualify and meet the requirements of The Building Regulation:

→ Flame density – joint sealing: E criterion

→ Thermal insulation: I criterion

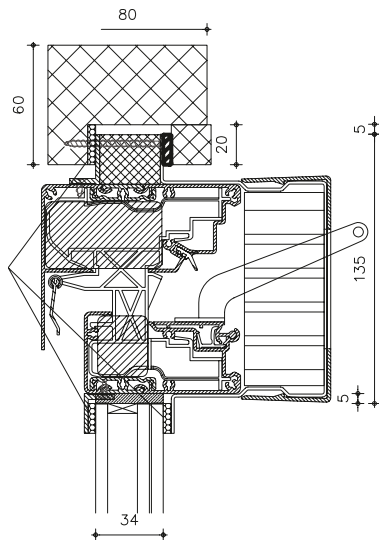
→ Heat radiation: W criterion

From the measurements, it has been found that FireMax 'SR' performs extremely well in terms of these criteria:

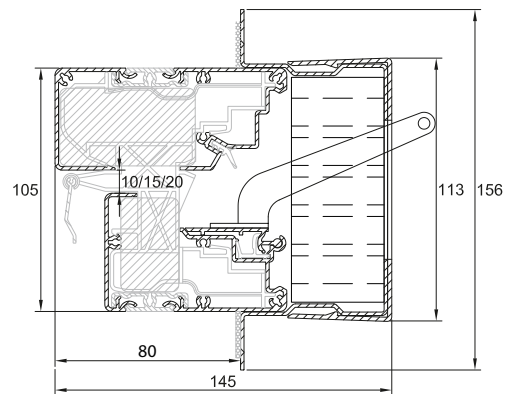
→ Compact transom mounting (E60/EI30)

→ Glazed-in mounting (EW30)

→ FireMax 'SR'
Glazed-in ventilation



→ FireMax 'SR'
Compact transom mounting



Technical Specifications


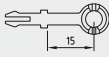
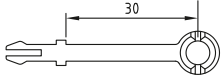
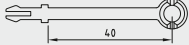
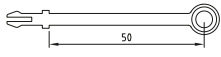
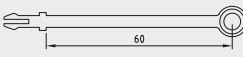
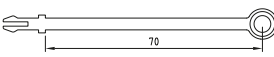

Fire classification (in accordance with EN 1366-3)	Compact transom: E60/EI30
(in accordance with EN 1364-1)	Glazed-in: EW30
Tests in accordance with EN 13141-1	
Water tightness (in closed position)	1050 Pa
Wind tightness (in closed position)	600 Pa
Glass reduction (installation on glazing)	135 mm
Compact transom profile with built-in height	115 mm
Maximum vent length under guarantee	2500 mm
Vent height	120 mm
Control options	handle or rod (always on the right hand side)
Colour	RAL colours only

Air Slot	Air Flow at 1 Pa (l/s/m)	Air Flow at 2 Pa (m ³ /h)	Equivalent Area (1Pa)	Dne, W (C,Ctr) in dB* (vent open)	Dne, A in dB(A)* (vent open)	Dne, Atr in dB(A)* (vent open)	Rq, Atr in dB(A)
10 mm	14.7	58.1	18705,8	35 [-1;-4]	34	31	2.6
15 mm	19.6	76.3	24941,0	34 [-1;-4]	33	30	3.0
20 mm	23.7	92.3	30158,3	33 [-1;-3]	32	30	3.4

Acoustic performance values table

Air Slot	Octave band values in dB				
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz
10 mm	25.0	23.8	31.9	36.0	37.6
15 mm	24.4	23.5	31.2	33.9	35.0
20 mm	23.8	22.9	29.8	34.9	35.7


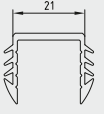
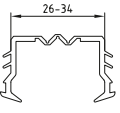
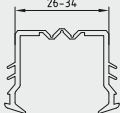
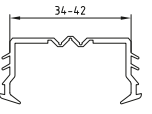
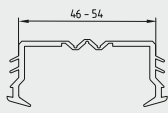
Handles & Ancillaries

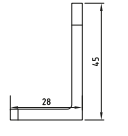
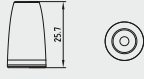

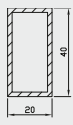
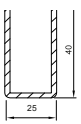
Handles		
Type	Order no.	Description
	1377	Handle 10 White
	1379	Handle 10 Black
	1378	Handle 10 Grey
	1464	Handle 10 Cream
	1200	Handle 15 White
	1202	Handle 15 Black
	1201	Handle 15 Grey
	1469	Handle 15 Cream
	1203	Handle 30 White
	1205	Handle 30 Black
	1204	Handle 30 Grey
	1481	Handle 30 Cream
	1206	Handle 40 White
	1208	Handle 40 Black
	1207	Handle 40 Grey
	1482	Handle 40 Cream
	1209	Handle 50 White
	1211	Handle 50 Black
	1210	Handle 50 Grey
	1483	Handle 50 Cream
	1212	Handle 60 White
	1214	Handle 60 Black
	1213	Handle 60 Grey
	1484	Handle 60 Cream
	1215	Handle 70 White
	1217	Handle 70 Black
	1216	Handle 70 Grey
	1485	Handle 70 Cream
		1436
1468		FlapHandle 15 White

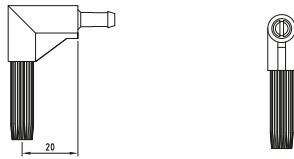
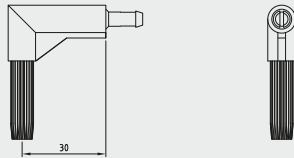
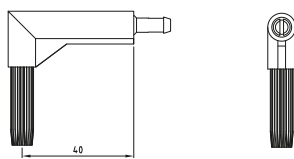
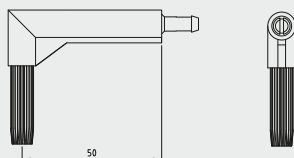
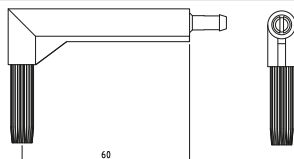
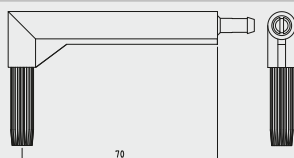
Handle control

DucoFlat 80 'SR'	Handle 10
DucoTon 80 'SR'	Handle 15
DucoPlus 60	Handle 30
DucoKlep 80 'SR'	Handle 40
- glass thickness 20-32 mm	Handle 50
- glass thickness 36 mm	Handle 60
- glass thickness 40-48 mm	
GlasMax 'SR'	Flap Handle 15
DucoMax 'SR'	
SkyMax 'SR'	



Glazing gasket		
Type	Order no.	Description
	1330	Glazing Gasket 6 mm H15
	1331	Glazing Gasket 15 mm H15
	1334	Glazing Gasket 20-28 mm H15
	1335	Glazing Gasket 20-28 mm H20
	1337	Glazing Gasket 28-36 mm H15
	1890	Glazing Gasket 40-48 mm H15

Other		
Type	Order no.	Description
	1242	Vertical rod guide White
	1244	Vertical rod guide Black
	1243	Vertical rod guide Grey
	1492	Vertical rod guide Cream
	1275	Cord endpiece White
	1247	Rod endcap Black
	23190	Hollow section 40 x 20 Black (for transom mounting)
	23189	Hollow section 40 x 25 Black (for transom mounting)

Angled Linkage		
Type	Order no.	Description
	1218	Angled linkage 20 White
	1220	Angled linkage 20 Black
	1219	Angled linkage 20 Grey
	1486	Angled linkage 20 Cream
	1221	Angled linkage 30 White
	1223	Angled linkage 30 Black
	1222	Angled linkage 30 Grey
	1487	Angled linkage 30 Cream
	1224	Angled linkage 40 White
	1226	Angled linkage 40 Black
	1225	Angled linkage 40 Grey
	1488	Angled linkage 40 Cream
	1227	Angled linkage 50 White
	1229	Angled linkage 50 Black
	1228	Angled linkage 50 Grey
	1489	Angled linkage 50 Cream
	1230	Angled linkage 60 White
	1232	Angled linkage 60 Black
	1231	Angled linkage 60 Grey
	1490	Angled linkage 60 Cream
	1233	Angled linkage 70 White
	1235	Angled linkage 70 Black
	1234	Angled linkage 70 Grey
	1491	Angled linkage 70 Cream



DUCO
Ventilation & Sun Control