

00.00.00 Self-regulating sound absorbing window ventilator VH mm **DUCO Ventilation & Sun Control DucoMax Alto SR**

serial no. 1

Description:

DucoMax Alto SR, thermally insulated, sound absorbing, self-regulating flap window ventilator.

Removable, punched inner grid (insect protection).

Seal: flap window ventilator.

Control: is infinitely adjustable.

Open/closed position is visible from a distance thanks to a green/red indication.

Suitable for mounting in or on wooden, plastic or aluminium windows.

The self-regulating flap ensures energy gain and a constant flow rate.

Suitable for high-rise applications (up to 40m height).

Material:

Aluminium: EN AW - 6063 T66

Plastic: ABS and PP

Surface treatment: standard natural anodised (15 - 20 µm)

Enamelled polyester powder coating (60-80 µm)

Plastic parts: ABS and impact-resistant (colourfast and weatherproof)

Damping material: polyester wool

Version:

Colour: ...

(all RAL colours are available)

Standard RAL 9010 or anodised SAA / Optional: Bicolour

End piece colour: ...

White and/or black

Technical specifications

Ventilation values **DucoMax Alto SR**:

Air slot	Ventilation capacity (Q) in l/s/m at ...			Ventilation capacity (Q) in m ³ /h/m at ...			Equivalent area at 1 Pa in mm ² /m	Geometrical Free Area in mm ² /m
	1 Pa	2 Pa	10 Pa	1 Pa	2 Pa	10 Pa		
10 mm	11,9	24,1	20,2	42,8	86,7	72,8	15143	10000
15 mm	17,5	25,7	22,4	63,0	92,5	80,8	22269	15000
20 mm	26,3	39,3	35,3	94,7	141,5	127,1	33467	20000
25 mm	29,7	42,5	30,4	106,9	152,9	109,3	37793	25000

Noise reduction **DucoMax Alto SR**:

Air slot	Sound absorption $D_{ne, W} (C; C_{tr})$ in dB	
	OPEN position	CLOSED position
10 mm	46 (-2;-6)	60 (-2;-6)
15 mm	42 (-1;-5)	58 (-2;-5)
20 mm	40 (-1;-4)	57 (-2;-6)
25 mm	38 (-1;-4)	56 (-2;-5)

Dimension (mm):	...
Maximum under warranty:	Fitting over glass (mm): 2,500 Transom mounting (mm): 4,000 Compact transom mounting (mm): 4,000 Fitting on top of the window frame (mm): 4,000 Split flap from 2,000 mm, and dual control
Cassette height (mm):	105 (excl. L-profile(s))
Water repellency (when closed):	1050 Pa
Wind resistance (in closed position):	600 Pa
Subtraction of glass height:	135 mm
Glazing channel width:	... mm <i>Freely definable</i>
Transom profile:	... mm <i>Freely definable</i>
Built-in height in case of compact transom mounting / fitting on top of the window frame:	115 mm
Vent height	Mounting on glass (mm): 150 With transom profile (mm): 155 With compact transom mounting (mm): 145 Fitting on top of the window frame (mm): 105 + 20
Installation depth (mm):	265
Cassette depth (mm):	307
Thermal interruption:	T1 to T5
Version:	Glazing bars / sealant / tape / glazing rubber Anchors and L-profiles
Operation:	... <i>Stepless with handle</i> <i>Stepless with cord</i> <i>Stepless with rod</i>
Heat transfer coefficient:	2,58 W/m ² K
<u>Nature of the agreement:</u>	
Presumed quantity (PQ)	
<u>Measurement method:</u>	
Unit of measurement:	mm
Measurement code:	