

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

serial no. 1

### **Description:**

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

Removable, punched inner grid (insect protection).

Seal: flap window ventilator.

Operation: 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 Medio SR**:

Air slot	Airflow (Q) in l/s/m at...			Airflow (Q) in m <sup>3</sup> /h/m at...			Equivalent area at 1 Pa in mm <sup>2</sup> /m	Geometrical Free Area in mm <sup>2</sup> /m
	1 Pa	2 Pa	10 Pa	1 Pa	2 Pa	10 Pa		
10 mm	11,2	24,1	20,2	42,8	86,7	72,8	14252	10000
15 mm	17,7	25,7	22,4	63,7	92,5	80,8	22523	15000
20 mm	25,6	39,3	35,3	92,2	141,5	127,1	32576	20000
25 mm	30,8	42,5	30,4	110,9	152,9	109,3	39193	25000

Noise reduction **DucoMax Medio SR**:

Air slot	Sound absorption $D_{ne, W} (C; C_{tr})$ in dB	
	OPEN position	CLOSED position
10 mm	44 (-1;-4)	58 (-2;-5)
15 mm	40 (-1;-4)	57 (-2;-5)
20 mm	39 (-2;-4)	55 (-2;-4)
25 mm	37 (-1;-4)	55 (-1;-4)

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 operation
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):	215
Cassette depth (mm):	257
Thermal interruption:	T1 to T4
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 <sup>2</sup> K
<b><u>Nature of the agreement:</u></b>	
Presumed quantity (PQ)	
<b><u>Measurement method:</u></b>	
Unit of measurement:	mm
Measurement code:	