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

serial no.

##### 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 m3/h/m at ...  | Equivalent area at 1 Pa in mm²/m  | Geometrical Free Area in mm²/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 absorptionDne,W (C;Ctr),in dB |
| OPENposition | CLOSEDposition |
| 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

 *Freely definable*

Transom profile: … mm

 *Freely definable*

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: …

Stepless with handle

Stepless with cord

Stepless with rod

Heat transfer coefficient: 2,58 W/m²K

Nature of the agreement:

Presumed quantity (PQ)

Measurement method:

Unit of measurement: mm

Measurement code: