### 00.00.00 Self-regulating sound absorbing window ventilator VH mm DUCO Ventilation & Sun Control GlasVent 100 SR AK

serial no. 1

##### Description:

GlasVent 100 SR AK is a thermally insulated, aluminium, self-regulating sound absorbing window ventilator.

Removable, punched inner grid.

Seal: flap window ventilator.

Operation: is infinitely adjustable.

**Material:**

Aluminium: EN AW - 6063 T66

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

Damping material: compressed flake foam 10, 60, 80, 100 kg/m³.

**Surface treatment:**

Powder coating (enamelled polyester powder coating): according to Qualicoat Seaside type A, layer thickness 60-80 µm

Anodisation: Qualanod-compliant, coating thickness 15-20µm, standard natural colour (colourless anodisation)

**Available colours:**

Standard RAL colours 70% gloss (except RAL 9010: 90% gloss); matt 30% gloss; fine-textured

DAR

Bi-colour (bi-colour with anodisation is not available)

##### Version: With glass profile, internal (mm): 16, 18, 26, 30, 34, 38, 42, 46, 50, 54, 58 or 62

With transom profile, external (mm): 20\*

\* With glass profile 26 and tube profile 40 x 20 mm

With transom profile, external (mm): 25\*

\* With glass profile 30 and tube profile 40 x 25 mm

With transom profile, external (mm): 35\*

\* With glass profile 42 and tube profile 40 x 35 mm

Technical specifications

Ventilation values GlasVent 100 SR AK:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 |
| 1 Pa | 2 Pa | 10 Pa | 1 Pa | 2 Pa | 10 Pa |
| GlasVent 100 SR AK | 15,6 | 21,5 | 29,1 | 56,2 | 77,4 | 104,8 | 19841,6 | 17000 |

Noise reduction GlasVent 100 SR AK:

|  |  |  |
| --- | --- | --- |
| Type | Sound absorption Dne,W (C;Ctr), in dB | |
| OPEN  position | CLOSED  position |
|  |  |
| GlasVent 100 SR AK | 33 (-1;-2) | 51 (-1;-4) |

Heat transfer coefficient: U-value:… 2.09 W/m²/K

Water resistance (in closed position): 600 Pa

Wind resistance (in closed position): 600 Pa

Subtraction of glass height: 100 mm

Operation: …

Stepless with handle

Stepless with rod

Vent length … mm

Fitting over glass: 2,500 mm under warranty

Transom mounting: 4,000 mm under warranty

From 1250 mm split flap, with dual operation

Vent height Fitting over glass (mm): 116

With transom profile (mm): 140

Finishing system: Glazing bars / sealant / tape / glazing rubber

Colourfastness: Anodised no discolouration, enamelled colourfast

Accessories: Removable, punched, insect-resistant internal inner grid

##### Application:

Stepped rebate flange:

With glass profile: 16, 18, 26, 30, 34, 38, 42, 46, 50, 54, 58 or 62 mm internal, for mounting on glass.

With transom profile: 20 mm (with glass profile 26 and tube profile 40 x 20 mm), 25 mm (with glass profile 30 and tube profile 40 x 25 mm) and 40 mm (with glass profile 42 and tube profile 40 x 35) external, for mounting on intermediate rail.

##### Nature of the agreement:

Presumed quantity (PQ)

##### Measurement method:

Unit of measurement: mm

Measurement code: