

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 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		
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 D _{ne,W} (C;C _{tr}), in dB	
	OPEN position	CLOSED position
	GlasVent 100 SR AK	33 (-1;-2)

Heat transfer coefficient:	U-value:... 2.09 W/m ² /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 <i>Fitting over glass: 2,500 mm under warranty</i> <i>Transom mounting: 4,000 mm under warranty</i> <i>From 1250 mm split flap, with dual operation</i>
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: