

## Self-regulating sound absorbing window ventilator PQ mm DUCO Ventilation & Sun Control

### GlasVent 100 SR AK

#### Description

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

Removable, punched inner grid.

Seal: flap window ventilator.

Operation: is stepless adjustable.

Stepped rebate flange with glass profile for mounting on the glass or with rectangular profile for transom mounting.

#### 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/m<sup>3</sup>.

#### Surface treatment

- Powder coating (enamelled polyester powder coating): according to Qualicoat Seaside type A, layer thickness 60-80 µm
- Anodisation: Qualanod-compliant, coating thickness 15-20 µm, 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: 16, 18, 26, 30, 34, 38, 42, 46, 50, 54, 58 of 62 mm
- With transom profile, external:
  - 20 mm (With glass profile 26 mm and rectangular profile 40 x 20 mm)
  - 25 mm (With glass profile 30 mm and rectangular profile 40 x 25 mm)
  - 35 mm (With glass profile 42 mm and rectangular profile 40 x 35 mm)

#### Technical specifications

Ventilation values :

Type	Airflow in (Q) in l/m/s at ...				Airflow (Q) in m <sup>3</sup> /h/m at ...				Equivalent area at 1 Pa (mm <sup>2</sup> /m)	Geometrical Free Area (mm <sup>2</sup> /m)
	1 Pa	2 Pa	10 Pa	20 Pa	1 Pa	2 Pa	10 Pa	20 Pa		
GlasVent 100 SR AK	15,6	21,5	29,1	25,5	56,2	77,4	104,8	91,8	19841,6	17000

Sound reduction:

Type	Sound absorption D <sub>n,e,W</sub> (C;Ctr) in dB	
	OPEN position	CLOSED position
GlasVent 100 SR AK	33 (-1;-2)	51 (-1;-4)

Thermal transmittance (U value): 2,09 W/m<sup>2</sup>/K

Water resistance (in closed position): 600 Pa

Wind resistance (in closed position): 600 Pa

Subtraction of glass height: 100 mm

Vent height:	Fitting over glass: 116 mm With transom profile: 140 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 2,000 mm split flap and dual operation</i>
Finishing system:	Glazing bars / sealant / tape / glazing rubber
Colourfastness:	Anodised no discolouration, enamelled colourfast
Accessories:	Removable, punched, insect-resistant internal inner grid

**Nature of the agreement**

Presumed quantity (PQ)

**Measurement method**

Unit of measurement: mm

Measurement code: