

EV-AOV-CW Ventlight for Facade Application with Concealed Actuation

EV-AOV-CW

Stylish aluminium AOV window for use in natural ventilation and smoke and heat extraction in building facades. Due to its concealed actuator and extremely small profile, it is an aesthetic, high grade vent perfect for facades.



KEY INFO / SPECIFICATIONS

Actuator Type	Chain Drive
Actuator Voltage	24 V DC
Depth of Frame	79mm
Depth of Leaf	See below picture
Finish	Mill finish / anodized / powder-coated
Glazing Range	6-43mm with max of 45kg/m ²
Geometric Free Area	Up to 1.5m ²
Material	Aluminium
Maximum Weight	Depends on size and glass type
Opening Strokes	Depends on size and glass weight
Thermal Insulation U-Value Frame	2.4 W/m ² K
Water Tightness	Class 9A
Wind Load Resistance	Class 3
Air Permeability	Class 4
Nominal Current	1.4A
Nominal Voltage	24 V DC (- 15 % / + 15 %)
Connecting Cable	2.5m Silicone

DISCREET

Slim profile with controls discreetly embedded in the frame for attractive facade finishes.

INSULATION

The frame is completely thermally broken which prevents warm air being transferred.

CONFORMITY

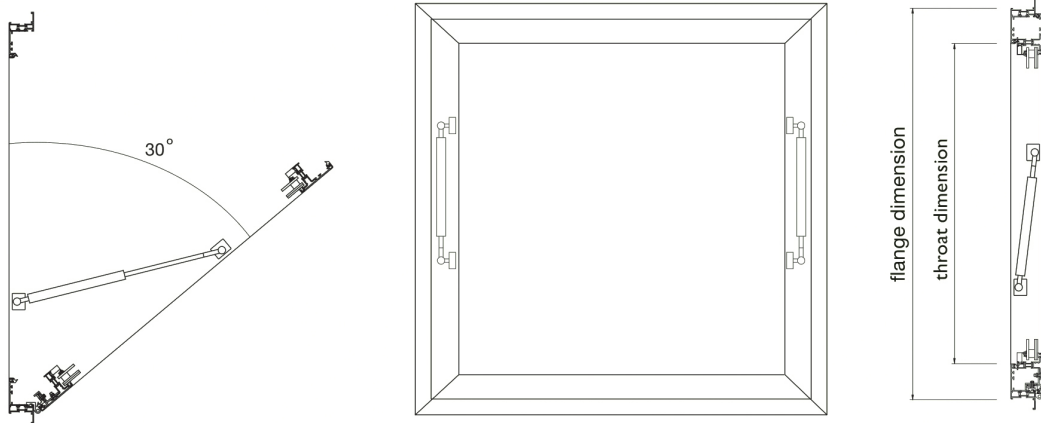
Certified to EN 12101-2

MANUFACTURER

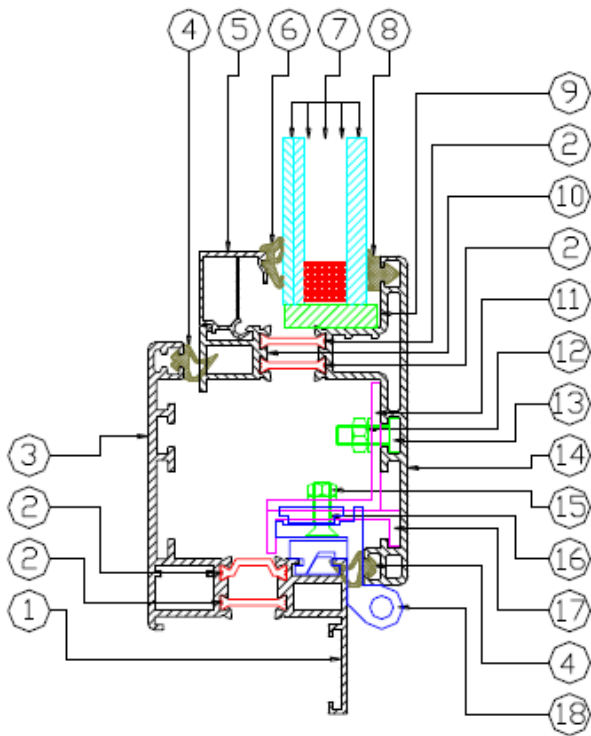
Kingspan/Brakel

SUITABLE FOR:

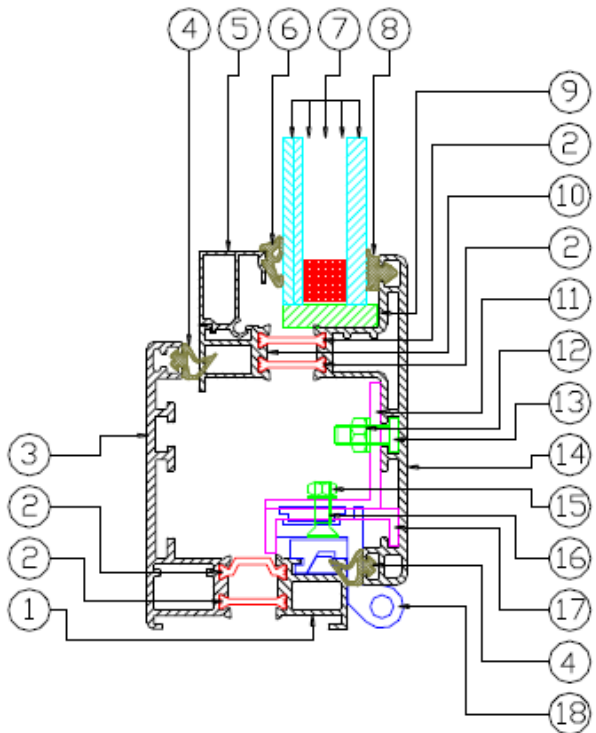




CROSS-SECTION HINGE SIDE:



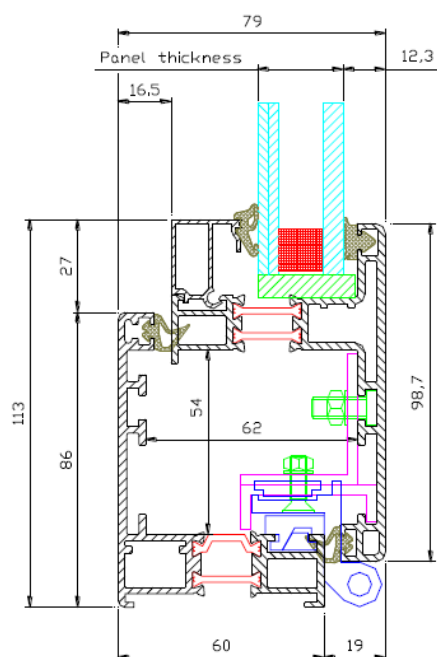
WITH FLANGE



WITHOUT FLANGE

- 1: Base profile outer side
- 2: Thermal separator
- 3: Base profile inner side
- 4: EPDM rubber 2207-K
- 5: Glazing beads inner side
- 6: Press-in rubber for glazing beads
- 7: Panel (double glazing, sandwich)
- 8: EPDM rubber 2107-K
- 9: Plastic spacer

- 10: Window frame profile inner side
- 11: Corner profile for hinges:
- 12: M6 nut
- 13: M6 hammer head bolt
- 14: Window profile outer side
- 15: M5 nut
- 16: M5 bolt
- 17: U profile for hinges
- 18: Hinge



ADDITIONAL TECHNICAL INFORMATION

Opening Length	L = 780-2280mm
Opening Width	W = 780-2580mm
Flange Length	Fl. L = 1002-2502mm
Flange Width	Fl. W = 1002-2802mm
Maximum Size	Calculation program gives max. sizes dependent on dimensions, panel weight, opening angle
Frame Window	Quality EN AW-6060 T66 (F22)
Thermal Separator	Polyamide PA66 GF25
Sealing Rubber	EPDM 2207-K 60 shore
Window Profile	Quality EN AW-6060 T66 (F22)
Hinge	Aluminium window hinge EV1 2464
Aluminium Plate	Quality EN AW-5754 H12/H22
Sealing Rubber	EPDM 2207-K 60 shore
Rubber Strip For Glass	EPDM 2107-K 70 shore
Press-in Rubber For Glass	EPDM 70 shore

VARIATIONS

EV-AOV-CW Ventlight for Facade Application with Concealed Controls	
EV-AOV-CW1.0-GC	1.0m ² EN12101-2 Casement Window
EV-AOV-CW1.5-GC	1.5m ² EN12101-2 Casement Window

ATTENTION: Under the Construction Products Regulations (CPR) it is a legal requirement to use only certified products for smoke ventilation. It is the responsibility of the installer to ensure installations meet the relevant standards.

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