

## **00.00.00 Self-regulating sound absorbing and fire-resistant window ventilator VH mm** **DUCO Ventilation & Sun Control FireMax EW 30 SR**

### **Description:**

**FireMax EW 30 SR**, thermally insulated aluminium, fire-resistant and sound absorbing window ventilator.

Suitable for mounting on glass.

Inner cover: removable, washable and punched.

Seal: aluminium ventilation flap.

The self-regulating flap ensures energy gain and a constant flow rate.

Operation: is infinitely adjustable.

Open|closed position is visible thanks to a green/red indication.

Damping material: for light noise situations.

### **Material:**

Aluminium: EN AW - 6063 T66, 304 stainless steel

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

Fire-resistant strip/block

### **Surface treatment:**

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

### **Available colours:**

- Standard RAL colours 70% gloss (except RAL 9010: 90% gloss); matt 30% gloss; fine-textured
- DAR
- Bi-colour
- Possible end-piece colours: white/black

### **Technical specifications**

Ventilation values **FireMax EW 30 SR**

Air slot	Airflow (Q) in l/s/m at...		Airflow (Q) in m <sup>3</sup> /h/m at...		Equivalent area at 1 Pa in mm <sup>2</sup> /m	Geometrical Free Area in mm <sup>2</sup> /m
	2 Pa	10 Pa	2 Pa	10 Pa		
15 mm	24,6	20,7	88,4	74,6	26849,8	15000
20 mm	30,4	27,6	109,3	99,3	30667,3	20000
25 mm	34,4	29,3	123,9	105,3	36393,5	25000

Noise reduction **FireMax EW 30 SR:**

Type	Sound absorption D <sub>ne,W</sub> (C;C <sub>tr</sub> ), in dB	
	OPEN position	CLOSED position
15 mm	35 (-1;-2)	51 (-1;-4)
20 mm	34 (0;-2)	49 (0;-3)
25 mm	27 (0;-1)	42 (0;-1)

Water repellency (when closed):	1050 Pa
Wind resistance (in closed position):	600 Pa
Subtraction of glass height:	85 mm
Glazing channel:	42 mm
Rebate:	20 mm
Vent height	100 mm
Operation:	... Stepless, with handle 15 mm Stepless, with cord Stepless, with rod
Vent length	... mm <i>Maximum under warranty (within certificate of fire resistance): In combination with VetroTech Contraflam Lite 30 ISO: 1,800 mm In combination with AGC Pyrobelite 9 EG: 2,216 mm In combination with Pyroguard-2 EW30/11-2 VI: 1,000 mm In combination with Pyroguard-T EW30/13-1 VI: 1,500 mm Maximum 4000 mm flap length under warranty.</i>
Mounting Placement:	According to manufacturer's mounting instructions.

**Application:**

Developed for mounting on the glass in combination with one of the above-mentioned glass types and a wooden frame with a minimum hardness of 500 kg/m<sup>3</sup>, which is fire-resistant for at least 30 min. and taking into account the maximum width and height dimensions mentioned in the commercial documentation

**Nature of the agreement:**

Presumed quantity (PQ)

**Measurement method:**

Unit of measurement: mm

Measurement code: