

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

Description:

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

Suitable for mounting on glass.

Inner cover: removable, washable and punched.

Achieved fire technical values:

- Thermal insulation: EI 1 30
- Flame density: E30
- Heat radiation: EW30

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

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 EI 30 SR**

Air slot	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
	2 Pa	10 Pa	2 Pa	10 Pa		
15 mm	18,2	16,8	65,6	60,3	20232,8	15000
20 mm	24,6	20,7	88,4	74,6	26849,8	20000
25 mm	30,4	27,6	109,3	99,3	30667,3	25000

Noise reduction **FireMax EI 30 SR:**

Type	Sound absorption D _{ne,W} (C;C _{tr}), 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:	92 mm
Glazing channel:	42 mm
Rebate:	27 mm
Vent height	107 mm
Operation:	... Stepless, with handle 15 mm Stepless, with cord Stepless, with rod
Vent length	... mm <i>Maximum 1,114 mm under warranty (within fire resistance certificate):</i>
Mounting Placement:	According to manufacturer's mounting instructions Sealing with Firestop 700 Fire resistant back padding Nullifire FJ203 <i>In combination with VetroTech Contraflam IDU</i> <i>In combination with Reynaers Masterline</i>

Application:

Developed for mounting on glass in combination with the glass type mentioned above and an aluminium window or door.

The following doors and windows were tested for the fire resistance certificate:

	Max. glass width	Max. glass height
Door	885,5 mm	2.137,5 mm
Window 1	1.114,5 mm	2.292 mm
Window 2	737 mm	2.266 mm
Window 3	866,5 mm	1.149,5 mm

Nature of the agreement:

Presumed quantity (PQ)

Measurement method:

Unit of measurement: mm.

Measurement code: