

## 00.00.00 Self-regulating sound absorbing and fire-resistant window ventilator **VH mm** DUCO Ventilation & Sun Control FireMax EW 90 SR

### Description:

**FireMax EW 90 SR**, thermally insulated aluminium, fire-resistant and sound absorbing window ventilator.

Suitable for 'invisible' compact transom mounting behind the facing brick.

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

Fire-resistant strip/block (Gerco)

Plastic parts: ABS and impact-resistant. Colourfast and weather-resistant

### 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 90 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 90 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:	0 mm
Vent height	120 mm
Built-in height	85 mm
Operation:	... Stepless, with handle Stepless, with cord Stepless, with rod
Vent length	... mm <i>Maximum 2500 mm under guarantee (within fire resistance certificate)</i> <i>From 2000 mm split flap and dual operation</i>
Mounting Placement:	According to manufacturer's mounting instructions.

**Nature of the agreement:**

Presumed quantity (PQ)

**Measurement method:**

Unit of measurement: mm

Measurement code: