### 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 m3/h/m at... | | Equivalent area  at 1 Pa  in mm²/m | Geometrical Free Area  in mm²/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  Dne,W (C;Ctr), 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

Maximum 2500 mm under guarantee (within fire resistance certificate)

From 2000 mm split flap and dual operation

Mounting|Placement: According to manufacturer's mounting instructions.

##### Nature of the agreement:

Presumed quantity (PQ)

##### Measurement method:

Unit of measurement: mm

Measurement code: