Louvre window TG-24-SHEV

Technical Data

ARTICLE INFO

The glass louvre system TG-24-RWA offers architects or facade planners an extensive scope of design. Therefore it is frequently applied in combination with smoke exhausting concepts and due to its **large ventilation cross sections** it is not only an ideal solution for smoke and heat exhaust vent openings but also for inlet air systems.

The glass louvre system, type TG-24-RWA is a smoke and heat ventilation device **tested according to EN 12101-2.** With regard to temperature resistance, permanent load, aerodynamic efficiency and further test criteria such as wind load resistance, the glass louvre system offers a maximum of safety. Of course, in addition to the SHEV function, the glass louvre system can also be used for ventilation purposes.

An electromechanical slit actuator type **PA-LSL-75/48-TG24-RE (alternatively -LI)** manufactured by SIMON PROtec and specially adapted to the lamella system is used as motor.

Technical data
Glass louvre window type TG-24-RWA for smoke and heat exhaust ventilation (SHEV)
Type: Thermical broken aluminium profiles
Drainage: Over 7° outside tilt profile
Surface: Anodized (or optional RAL coating)
Connecting parts and joints: High-grade steel, concealed bars
Frame: debth 66,4 mm
Static profile: With two isolating bars
Glazing: ISO Glass 24 mm (2 x Float 4 mm, 16 mm LZR)
Louvres: Centre pivot
Insulation: value 2,1 W/m²K
Heat protection: K - value 1.1
Heat resistance: B 300, up to 300° C (SHEV operation)*
Environmental temperature: T(-15), up to -15° C (SHEV operation)*
Wind load: WL A, 4.500 Pa*
Reliability: RE 1000, 10.000 (ventilation) + 1.000 (SHEV) load alternations*

* Classification and test criteria according to DIN EN 12101-2

Note: The louvre window TG-24-RWA is only qualified for vertical installation.

TECHNICAL DATA

Matchcode	Louvre window TG-24-SHEV

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Article name	Louvre window TG-24-SHEV
Part number	RWG 50110