

HAHN S9-iVt-05

multipurpose thermally broken glazed louvres



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HAHN S9-iVt-05

Product Summary and Benefits

The HAHN S9-iVt-05 double glazed louvre window is preferred by many of our clients due to its outstanding performance in regard to ventilation, weather tightness and thermal protection, as well as a high degree of security (security certified). The glass louvres are framed all around with aluminium profiles.

The S9-iVt-05 is officially certified for “natural smoke and heat extraction” (EN 12101-2). Certified ball protection for sports facilities (DIN 18032-3).

operation

Manual operation by hand lever, crank handle or hand wheel Electric operation by 24vDC or 240vAC motor. Pneumatic 24vDC electric motor operator is required for NSHEV model compliant to EN12101-2.

glass types

Various combinations of glass in regards to thermal insulation or protection, depending on specific requirements. Glass can be either float, semi-tempered, toughened or laminated. Sandwich panels can be offered in various combinations instead of glazing.

material finish

Aluminium sections with thermal barrier. Silver anodised finish (special colours optional) or powder coated to RAL colour.

installation

This product can be installed by our expert technicians, ensuring that the product is working to its maximum capabilities. We also provide service technicians which ensure that the system is well maintained, ensuring that the system is always at 100%. We recommend that you account for a potential lengthy lead time, dependant on the size of the order.

compliance

The S9-iVt-05 is certified for use as NSHV (Natural Smoke and Heat Ventilation) device according to EN 12101-2, furthermore it is available ball protection proof suitable for use in sports facilities (DIN 18032-3).

benefits

- High performance U value due to the thermally broken frame
- Large louvre heights allowing more glass as a percentage of the window size
- Wide window widths available
- Tested and certifiable natural smoke ventilator
- Provides design freedom



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Technical Details and Characteristics

Please see the table below for relevant technical details and characteristics of the HAHN S9-iVt-05 Automatic Glazed Louvre System.

profile	Window Frame	AL-Profiles, Thermal Broken
	Louvre Blade Frame	AL-Profiles, Thermal Broken
dimension	Frame Width	min. 250mm, max. 2000mm
	Frame Height	min. 200mm, up to any height
	Louvre Blade Height	min. 150mm, max. 400mm
	Frame Depth	47mm
	Max. Opening Angle	84°
glazing	Glazing	Insulated Glass (double/triple)
	Glass Thickness	28mm / 32mm
	Standard Glazing	6 / 16 / 6 6 / 20 / 6
	Glass Types	Float, Toughened, Laminated, Semi-Tempered
	Alternative Infill Types	Insulated aluminium panel
operation		Manual, Electrically, Pneumatically
surface		Anodised / PPC finish
performance	CE Certified (EN 12101-2)	Smoke Vent
	Aerodynamic Performance Cv	0,56
	Air Permeability (EN 12207)	Class 3
	Watertightness (En 12208)	Class 4A
	Resistance Against Wind Loads (EN 12210)	Certified
	Uw-value (EN ISO 10077)	Uw (max) = 1,6 W/m²K
	Further Characteristics	Ball protection proof (DIN 18032-3) Burglar Proof RC2 Sound Insulation 38dB (EN 14351-1) Fall Protection Proof (TRAV 2003)



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