

HAHN S9-iVt-05 allglass

flush glazed multipurpose fire rated louvred windows



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Product Summary and Benefits

The HAHN Louvre Window S9-iVt-05 Allglass combines the outstanding Features of the S9-iVt-05 in regard to Ventilation, weather tightness and thermal protection with a clear flush Allglass look to outside of units for most harmonic integration into the facade design.

The S9-iVt-05 Allglass 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)

glass types

Various combinations of glass in regards to thermal insulation, protection and colour 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 for better insulation.

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

glazing

Double or triple insulating glass (glass thickness 32mm or 34mm, in the standard combinations 4/22/6 or 6/20/8).

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%.

material finish

Aluminium sections with thermal barrier. Natural anodised finish 20um (special colours optional) or powder coated to RAL colour.

benefits

- All glass view from external.
- 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.



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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 Allglass Double Glazed Louvre System.

profile	Window Frame	AL Profiles, Non Thermal Broken
	Louvre Blade Frame	AL Profiles, Non Thermal Broken
dimension	Frame Width	min. 250mm, max. 1600mm
	Frame Height	min. 250mm, up to any height
	Louvre Blade Height	min. 200mm, max. 350mm
	Frame Depth	47mm / 50.4mm
	Max. Opening Angle	84°
glazing	Glazing	Insulated Glass (double/triple)
	Glass Thickness	32mm / 34mm
	Standard Glazing	4 / 20 / 8 6 / 20 / 8
	Glass Types	Toughened, Laminated, Float, Semi-Tempered (outer pane always toughened glass)
	Alternative Infill Types	Insulated Aluminium Panel Facade Panel
operation		Manual, Electrically, Pneumatically
surface		Anodised / PPC Finish
performance	CE Certified (EN 12101-2)	Smoke Vent
	Aerodynamic Performance Cv	0,59
	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) = 1.7 W/m²K
	Further Characteristics	Ball Protection Proof (DIN 18032-3)



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