

HAHN S9 - iV

double glazed louvre window with double insulation glass features



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Product Summary and Benefits

The first louvre window of its kind with insulation glass, HAHN Louvre Window S9-iV provides excellent ventilation and weather tightness, without thermal break of the Aluminium sections, resulting in lower cost. The louvre blades feature slim surrounding aluminium sections.

The S9-iV has been certified for natural smoke and heat extraction (EN 12101-2).

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 insulation glass (glass thickness 24 mm, standard combination 4/16/4).

material finish

Aluminium sections without thermal barrier. Natural anodised finish 20um (special colours optional) or powder coated to RAL colour.

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.

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%. Please consider lead time, as this process can vary dependent on the size of the project.

benefits

- High performance louvre window with reduced cost framing
- Large louvre heights allowing more glass as a percentage of the window size
- Wide window widths available
- Tested and certifiable natural smoke ventilator
- Provides enhanced natural lighting
- Allows greater design freedom
- Enhanced airflow



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Technical Details and Characteristics

Please see the table below for relevant technical details and characteristics of the HAHN S9 - iV 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. 1800mm
	Frame Height	min. 200mm, up to any height
	Louvre Blade Height	min. 150mm, max. 350mm
	Frame Depth	46mm
	Max. Opening Angle	84°
glazing	Glazing	Insulated Glass (double)
	Glass Thickness	24mm
	Standard Glazing	4 / 16 / 4
	Glass Types	Toughened, Laminated, Float, 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	0,59
	Air Permeability (EN 12207)	Class 2
	Watertightness (En 12208)	Class 3A
	Resistance Against Wind Loads (EN 12210)	Certified
	Uw-value (EN ISO 10077)	Uw (max) = 2,1 W/m²K
	Further Characteristics	-



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Melbourne

Greene Fire Pty Limited
123 Woodlands Drive
Woodlands Industrial Estate
Braeside, VIC, 3195
P (03) 8526 1990
www.greenefire.com.au
ABN: 50 122 435 081

unit 12



delivering engineered solutions

Sydney

Greene Fire Pty Limited
Unit 2, 7-11 Parraweena Road
Taren Point, NSW, 2229
P (02) 9526 3100
www.greenefire.com.au
ABN: 50 122 435 081



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