

HAHN S9 - 45°

Single glazed, louvre blades chamfered closing flush, point-fixed



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Product Summary and Benefits

HAHN Louvre Window S9-45° is related to the S9. However, the horizontal glass edges do not overlap but feature a 45° mitre, resulting in a smooth flush glass surface. The glass louvres, are held at the sides with “minimal point fittings”, thus enhancing the allglass appearance of this window.

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.

profiles

Thermally broken framing with aluminium profiles. Louvre blades are manufactured to be frameless allowing a greater area of clear glass.

material finish

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

glass types

Single glazing in thicknesses of 8, 10 and 12mm. Glass types include; toughened or laminated glass, depending on specific requirements. Also available: Louvres in timber, aluminium or plastic.

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 - 45 Automatic Glazed Louvre System.

profile	Window Frame	AL Profiles, Thermal Broken
	Louvre Blade Frame	Frameless
dimension	Frame Width	min. 250mm, max. 1600mm
	Frame Height	min. 225mm, up to any height
	Louvre Blade Height	min. 180mm, max. 300mm
	Frame Depth	47mm
	Max. Opening Angle	84°
glazing	Glazing	Single Glass
	Glass Thickness	8mm / 10mm / 12mm
	Standard Glazing	-
	Glass Types	Toughened, Laminated
	Alternative Infill Types	Timber, Aluminium, Stone Panels...
operation		Manual, Electrically, Pneumatically
surface		Anodised / PPC Finish
performance	CE Certified (EN 12101-2)	-
	Aerodynamic Performance Cv	-
	Air Permeability (EN 12207)	Class 2
	Watertightness (En 12208)	Class 1A
	Resistance Against Wind Loads (EN 12210)	Certified
	Uw-value (EN ISO 10077)	-
	Further Characteristics	Sound Insulation 26dB (EN 14351-1)



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