

# HAHN tairmo

insulated glazed louvres with thermal break



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## Product Summary and Benefits

The first louvre window complying with EnEV 2012, this innovation of the Tairmo system is based on aluminium extrusions with large thermal breaks, insulated cores to the profiles and the exclusive use of triple glazing utilising 'warm edges' as spacers.

The Tairmo system provides multifunctional design modules in keeping with the modern maxim of 'form follows function'. It combines contemporary design with natural, energy efficient ventilation.

### glass types

Various combinations of glass in regards to thermal insulation or protection, depending on specific requirements. Also available: sandwich panels in various combinations instead of glazing for better insulation performance.

### glazing

Triple insulation glass (glass thickness 40 mm, in the standard combinations 6/12/4/12/6 or 4/14/4/14/4).

### 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

### 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

- Highest performance louvre window available
- Ideal for hot and cold climates
- Unsurpassed engineering and quality
- The largest louvre sizes available
- Allows design freedom



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## Technical Details and Characteristics

Please see the table below for relevant technical details and characteristics of the HAHN Tairmo Triple Glazed Louvre System.

profile	Window Frame	AL Profiles, Thermal Broken
	Louvre Blade Frame	AL Profiles, Thermal Broken
dimension	Frame Width	min. 250mm, max. 2500mm
	Frame Height	min. 260mm, up to any height
	Louvre Blade Height	min. 180mm, max. 450mm
	Frame Depth	66mm
	Max. Opening Angle	89°
glazing	Glazing	Triple Glazing
	Glass Thickness	40mm
	Standard Glazing	6 / 12 / 4 / 12 / 6 4 / 14 / 4 / 14 / 4
	Glass Types	Toughened, Laminated, Float, Semi-Tempered
	Alternative Infill Types	Insulated Aluminium Panels
operation		Manual, Electrically, Pneumatically
surface		Anodised / Powder Coated
performance	CE Certified (EN 12101-2)	RWA / Smoke Vent
	Aerodynamic Performance Cv	0,56
	Air Permeability (EN 12207)	Class 4
	Watertightness (En 12208)	Class 6A
	Resistance Against Wind Loads (EN 12210)	Class C5
	Uw-value (EN ISO 10077)	Uw (max) = 0.9 W/m²K
	Further Characteristics	Ball Protection Proof (DIN 18032-3) Burglar Proof RC 2 Sound Insulation Certified 40dB (DIN 14351-1) Fall Protection Proof (TRAV 2003)



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