Brevis

Insolio One

An unparalleled solution for modern architecture

Insolio One offers the highest level of acoustic insulation among window air inlets, achieving a record of **up to 56 dB** – a performance previously reserved only for the very best wall air inlets. It is a next-generation air vent that combines unique functionality, advanced technology, and sustainable solutions while meeting the highest demands of contemporary projects.

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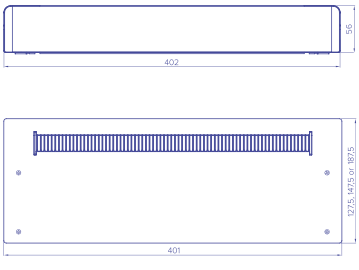
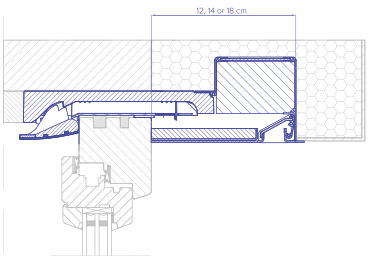
Technical Specifications

Insolio One is available in three variants – 12, 14, and 18 – differing in acoustic insulation performance and the required insulation layer thickness. Each offers the same build quality and minimalist form, adapting seamlessly to the specific needs of your project.

	One 12	One 14	One 18
Acoustic insulation			
trickle vent open	$D_{n,e,w}$ = 46 (-1,-3) dB	$D_{n,e,w}$ = 49 (-1,-3) dB	$D_{n,e,w}$ = 52 (-1,-3) dB
trickle vent closed	$D_{n,e,w}$ = 49 (-1,-3) dB	$D_{n,e,w}$ = 52 (-1,-3) dB	$D_{n,e,w}$ = 56 (-1,-4) dB
Nominal flow Δp = 10 Pa			
trickle vent open	28,4 m^3/h	28,0 m^3/h	27,9 m^3/h
trickle vent closed	7,1 m^3/h	7,1 m^3/h	7,1 m^3/h
Nominal flow Δp = 20 Pa			
trickle vent open	39,7 m^3/h	39,3 m^3/h	39,2 m^3/h
trickle vent closed	11,0 m^3/h	11,0 m^3/h	11,0 m^3/h
Control	automated with pressure difference, manual control		
Materials	EPP, aluminium, ABS/ASA, inox steel, PU foams, Basotect® melamine foam		
Installation	between the window and the lintel		
Colors	RAL palette		





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