

448/300

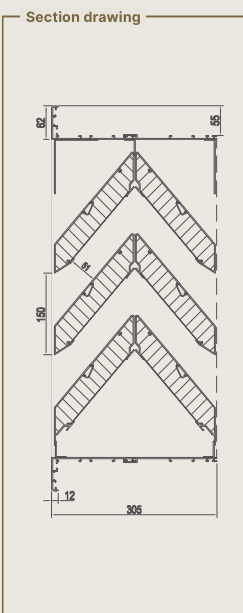
Aluminium noise-reducing built-in louvre, Rw 18 dB



Material properties		Standard version	
Material	Aluminium—Mineral wool		
Standard mesh type	Stainless steel 304 - 6 × 6 mm		
Surface treatment	Anodisation (20 microns), chemically etched F1-E6 natural colour	Polyester powder coating (60-80 micron) Seaside quality A & Standard powders	
Wall bracket type	no. 1428 (included)		
Dimensions			
Blade pitch	150 mm		
Recess depth	293 mm		
Flange	55 mm		
Minimum dimensions (W x H)	211 × 421 mm		
Maximum width	2000 mm		
Maximum height	4000 mm		
Maximum louvre surface area	1.5m²		
Preferred height	421 mm + (n x 150)		

Our louvres come in a variety of dimensions, all of which can be used across most applications. When using large sizes in high-stress environments, such as at great heights, it is advisable to additionally verify the stability of the louvres and their mounting.

Performance								
Airflow rate								
Physical free area					34%			
Visual free area					64%			
Air supply	Resistance factor K				25.8			
	Flow coefficient C				0.197			
	Airflow rating				4			
Air extraction	Resistance factor K				27.1			
	Flow coefficient C				0.192			
	Airflow rating				4			
Water resistance %								
at (m/s)	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5
Without water channel	C	C	D	D	D	D	D	D
	91.2	80.4	71.3	61.6	50.0	33.3	17.5	10.8
Noise reduction dB								
R _w (C;C _{tr})				18 (-1;-5)				
f in Hz				R in dB				
63				11.9				
125				5.6				
250				6.3				
500				11.9				
1000				22.3				
2000				25.6				
4000				22.8				



Available options

- **Mounting method:** Screw holes in flange frame
- **Custom flange:** Full surround or partial, with or without shortened flange
- **Closable:** With sliding vent
- **Operation:** Slider / Rotary knob / Cord / Rod / Linear actuator (230V or 24V)
- **Thermally insulated:** Sandwich panel on back, with or without opening for air duct connection
- **Finish:** Anodised: layer thickness 25 microns / other colours / other textures (E1-E10)
Powder coating: pre-treatment in accordance with Seaside OX (pre-anodisation) / non-standard powders
- **Other mesh types:** Mesh sizes 2.3 mm x 2.3 mm, 6 mm x 6 mm, 10 mm x 10 mm or 20 mm x 20 mm / Stainless steel grade AISI304 or AISI316 / No mesh
- **Removable mesh / Filter**