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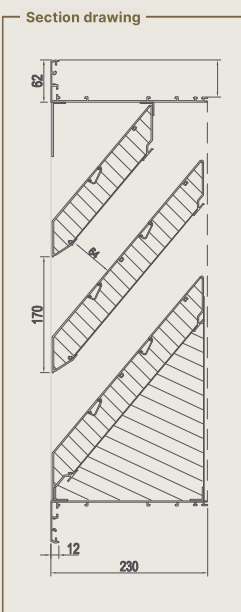
Aluminium noise-reducing built-in louvre, Rw 14 dB



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	170 mm		
Recess depth	218 mm		
Flange	55 mm		
Minimum dimensions (W x H)	200 × 430 mm		
Maximum width	2000 mm		
Maximum height	4000 mm		
Maximum louvre surface area	2.1 m ²		
Preferred height	430 mm + (n x 170)		

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						37%			
Visual free area						69%			
Air supply	Resistance factor K					19.1			
	Flow coefficient C					0.229			
	Airflow rating					3			
Air extraction	Resistance factor K					21.4			
	Flow coefficient C					0.180			
	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	D
	93.2	84.9	78.6	71.0	61.7	50.6	26.5	19.8	
Noise reduction dB									
R _w (C;C _{tr})					14 (-1;-3)				
f in Hz					R in dB				
63					10.0				
125					6.1				
250					5.6				
500					8.6				
1000					15.8				
2000					18.0				
4000					14.3				



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
- **Water channel / Removable mesh / Filter / Drainage blade / Joining**