

448/150

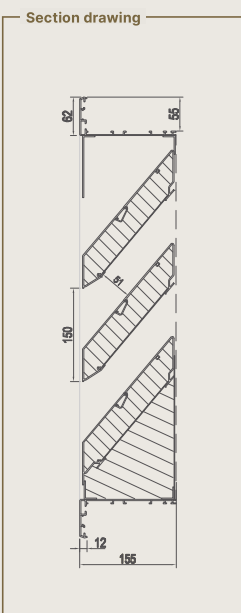
Aluminium noise-reducing built-in louvre, Rw 11dB



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	143 mm		
Flange	55 mm		
Minimum dimensions (W x H)	200 × 410 mm		
Maximum width	2000 mm		
Maximum height	4000 mm		
Maximum louvre surface area	2.9 m²		
Preferred height	410 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				16			
	Flow coefficient C				0.250			
	Airflow rating				3			
Air extraction	Resistance factor K				21.2			
	Flow coefficient C				0.217			
	Airflow rating				3			
Water resistance %								
at (m/s)	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5
Without water channel	B	C	C	D	D	D	D	D
	96.7	91.3	84.6	72.4	53.0	42.4	37.0	17.9
Noise reduction dB								
R _w (C _w ;C _{w'})				11 (0 ; -2)				
f in Hz				R in dB				
63				8.8				
125				4.4				
250				6.1				
500				6.5				
1000				12.3				
2000				13.7				
4000				12.2				



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**