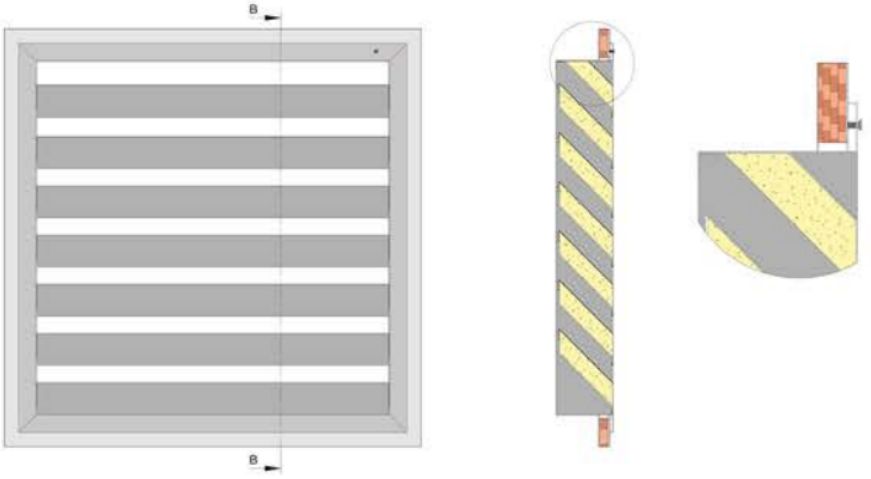
SOUND ATTENUATING LOUVRE Mod. W-EJ



SOUND ATENUATION LOUVRE Mod. W-EJ

Description

The W-EJ type louvres are designed for decreasing sound transfer between from inside and to outside of a building, while permitting air transfer

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Properties

The W-EJ type louvres are made from steel sheets. They have insulation material within their blades, which decrease the noise while passing through the louvre. With a galvanized steel wire mesh fixed inside, large flying particles and animals are prevented from entering inside.

Materials

The frame and the blades are made from steel sheets. The blades are double-layered, the interna[one being perforated, and glasswool of 50 kg/m3 density put between the blade layers.

Surface Treatment

The surfaces of the access door are first cleaned, then painted electrostatically, with 20% gloss RAL 9010 shade as standard. Other colours are also available upon request.

A mesh of galvanized wires with 12x12mm grids, it prevents the entry of large flying particles and animals.

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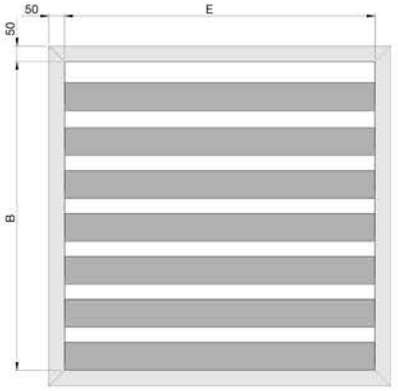
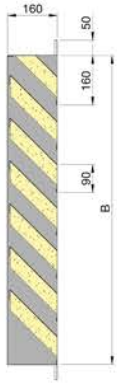
Dimensions

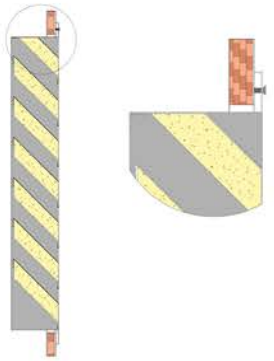




E (mm)	400	600	800	1000	1200	1400	1600	1800	2000			
B (mm)	375	515	655	795	935	1075	1215	1355	1495	1635	1775	1915

*For dimensions other than that, the product's manufacturability should be asked.

Installation



A set of Ø4x38 mm self-drilling screws, painted the same, are given with the product.

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Technical Data

Sound Attenuating values						
Frequency (Hz)	125	250	500	1000	2000	4000
Attenuation dB (A)	9	4	5	8	11	11

Pressure Loss (Pa)		
Vefek (m/s)	Air inside to outside	Air outisde to inside
1	13	8
1,5	26	16
2	44	29
2,5	65	44
3	91	64
3,5	117	82
4	152	108
5	230	170
6	320	240

Vefek= V/3600x(Ex(B-0,16-(0,055xn)))m/s
E= Height (m)
B= Length (m)
Vefek= Air Velocity (m/s)
V= Air flow rate (m3/h)
N= Nº of blades

Specification Text

Sound attenuation louvre to decrease the noise coming out. The louvre will be made from TS 822 norm steel sheets. The louvre will be cleaned and painted with electrostatic powder paint to the requested colour.

The blades will be double layered. The inner layer will be from perforated steel sheet. There will be a glasswool layer of 50 kg/m3 density between the blade layers.

As an option, a galvanized steel wire mesh with 12x12 mm grids will be placed behind the frame to prevent large flying objects and animals to pass through the blades.

Order Code

Model	W-EJ	
Frame	50	
Accessories	AT (With wire max)	AA (Without)
Installation	00 (Without screw holes	10 (With screwholes)
Measures	(Table page 2)	
Color	Ral code	

Example: W-EJ-50-AA-10-800X655-9010