

WEATHER PROOF ACOUSTIC LOUVER

KAL-60 Series

*KAL-60 MODEL MADE OF 2 PIECES OF KAL-30 LOUVERS MOUNTED BACK TO BACK BY OTHERS.

STANDARD CONSTRUCTION

• **Frame:**

- Constructed from 16 Ga (1.5 mm) Galvanized steel channel frame with flat top & 23.6" (600 mm) depth.

• **Blades:**

- Constructed from 20 Ga (1.0 mm) Galvanized steel with 22 Ga (0.8 mm) perforated steel interior surface that covers the insulation.

• **Blade Centers:**

- 6" (150 mm) maximum centers at head and sills.

• **Insulation:**

- Fiber infill which has a glass cloth facing and contained behind the perforated sheets.

This dual protection prevents damage and fiber erosion up to 6000 fpm airway velocity.

• **Finish:**

- Mill Finish.

• **Sizes:**

- Minimum Size: 12"x18"

- Maximum Size: 72"x90"

- Standard height increments in a pitch of 6" (150 mm).

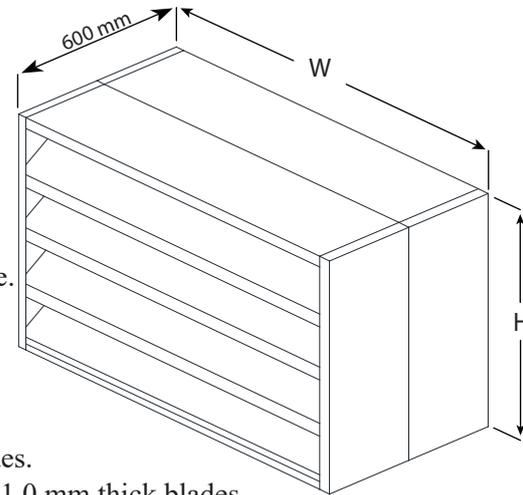
- Different height increments will result in different face height of the lower blade.

- Larger sizes are constructed of multiple sections to be joined by others.



APPLICATION

Acoustic Louvers provide sound attenuation through fibrous material contained in the blades, while protecting air openings against rain, leaves and birds.



OPTIONS

1. **Construction:**

- Aluminum frame construction (AL) with 2 mm thick frame & 1.5 mm thick blades.

- Stainless Steel (SS) (304 or 316) frame construction with 1.5 mm thick frame & 1.0 mm thick blades.

2. **Perforated:**

- 22 GA Galvanized perforated sheet.

- 1 mm Aluminum perforated sheet.

- 0.8 mm Stainless Steel (304 or 316) perforated sheet.

3. **Wire mesh:**

- Galvanized bird screen

- Aluminum bird screen

- Stainless steel bird screen

- Galvanized insect screen

- Aluminum insect screen

- Stainless steel insect screen

4. **Flanges:**

- 30 mm extruded Aluminum flange for GI and AL construction.

- 30 mm Stainless steel flange for SS construction.

5. **Filter:**

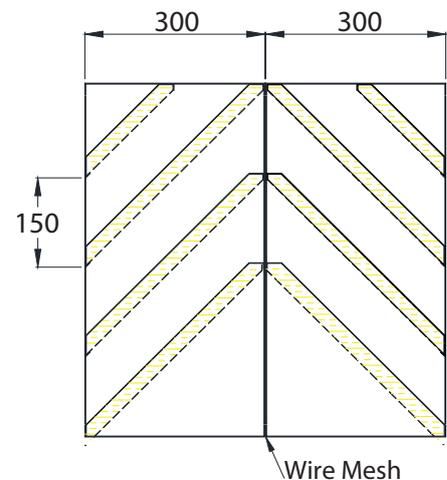
- 1" (25.4 mm) or 2" (50.8 mm) Aluminum Filter.

6. **Colors:**

- Any RAL Color upon request.

- Perforated sheet will not be powder coated.

7. **Extended Sill**



AIR PERFORMANCE TESTING WERE PERFFORMED BY: AMCA INTERNATIONAL IN ACCORDANCE TO AMCA STD 500-L

ACOUSTICAL PERFORMANCE TESTINGS WERE PERFORMED BY: ETL-ITS IN ACCORDANCE TO ASTM E90

*N.B: - For Non-Standard Sizes please contact our Engineers.
- 5 mm Clearance is deducted from your order size.*

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KAL-60 Series

ORDERING INFORMATION

MODEL	FRAME/BLADE	PERFORATED	WIRE MESH	FLANGE	FINISHING	WIDTH	HEIGHT
[]	- []	- []	- []	- []	- []	- []	X []
↑ KAL-60: 60 cm Depth	↑ --: Galvanized Construction (STD) ALP: Aluminum Construction SCP: Stainless Steel 304 Construction 16SCP: Stainless Steel 316 Construction	↑ --: W/O Wire Mesh (STD) BSAL: Aluminum Bird Screen BSGI: Galvanized Bird Screen BSSS: Stainless Steel Bird Screen ISAL: Aluminum Insect Screen ISGI: Galvanized Insect Screen ISSS: Stainless Steel Insect Screen	↑ --: W/O Flange (STD) F: 1" extruded Aluminum Flange for GI and AL Construction OR 1" SS Flange for SS construction	↑ --: Brut Finish (STD) RAL"num": Any Ral color N.B: Perforated sheet will not be powder coated.	↑ 12" . 72"	↑ 18" . 90"	
	↑ -- : Galvanized Construction (STD) AL: Aluminum Construction SS: Stainless Steel 304 Construction 16SS: Stainless Steel 316 Construction						

- N.B: - KAL-60 model made of 2 pieces of KAL-30 louvers mounted back to back by others
- Standard height increments in a Pitch of 6" (150 mm)
 - 5 mm Clearance is deducted from your order size
 - Larger sizes are constructed of multiple sections to be joined by others
 - For more information, please check the submittal sheet.
 - Perforated sheet will not be coated.