

# WEATHER PROOF ACOUSTIC LOUVER

## KAL-30 Series

### STANDARD CONSTRUCTION

• **Frame:**

- Constructed from 16 Ga (1.5 mm) Galvanized steel channel frame with flat top & 11.81" (300 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)

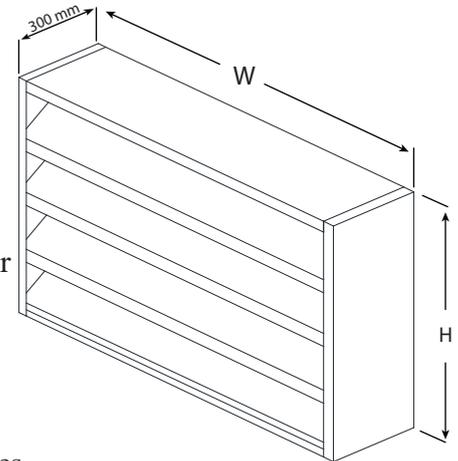
- Different height increments will result in different face height of the lower blade.

- 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:**

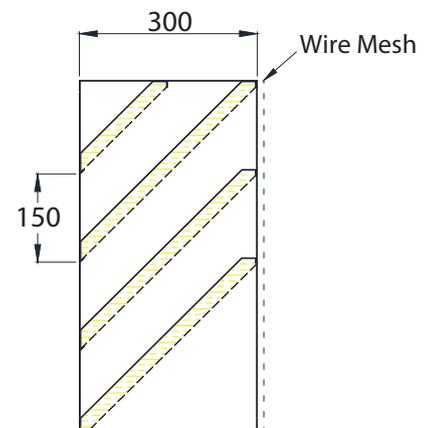
- 20 mm or 48 mm Aluminum Filter.

6. **Colors:**

- Any RAL Color upon request.

- Perforated sheet will not be powder coated.

7. **Extended Sill**



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

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

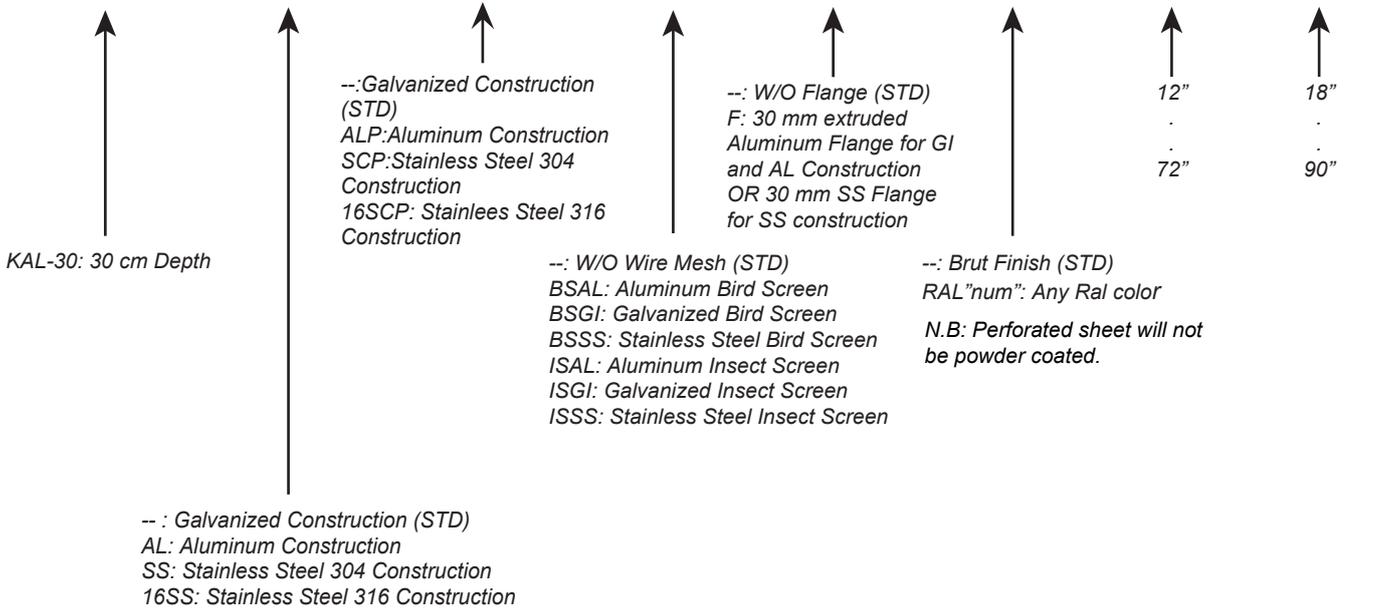
*N.B: - For Non-Standard Sizes please contact our Engineers.  
- 5 mm Clearance is deducted from your order size.*

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### ORDERING INFORMATION

MODEL    FRAME/BLADE    PERFORATED    WIRE MESH    FLANGE    FINISHING    WIDTH    HEIGHT



- N.B: - 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