



MODEL ACSLJAF-12 *FORMED STATIONARY ACOUSTICAL* *AIRFOIL BLADE*

Standard Construction:

- Frame:** 12" (304 mm) x 16 ga. galvanized steel.
- Blades:** 20 ga. galvanized steel, 22 ga. perforated, approximately 12" (304 mm) on centers.
- Blade Fill:** 6 lb. per cubic foot density mineral wool.
- Blade Angle:** 45°
- Screen:** Bird screen - 1/2" x 1/2" (12.7 mm x 12.7 mm) x 19 ga. galvanized steel, in a removable frame on interior of louver.
- Finish:** Mill galvanized.
- Minimum Size:** 12"w x 24"h (304 mm x 609 mm)
- Maximum Section Size:** 60"w x 96"h (1524 mm x 2438 mm)

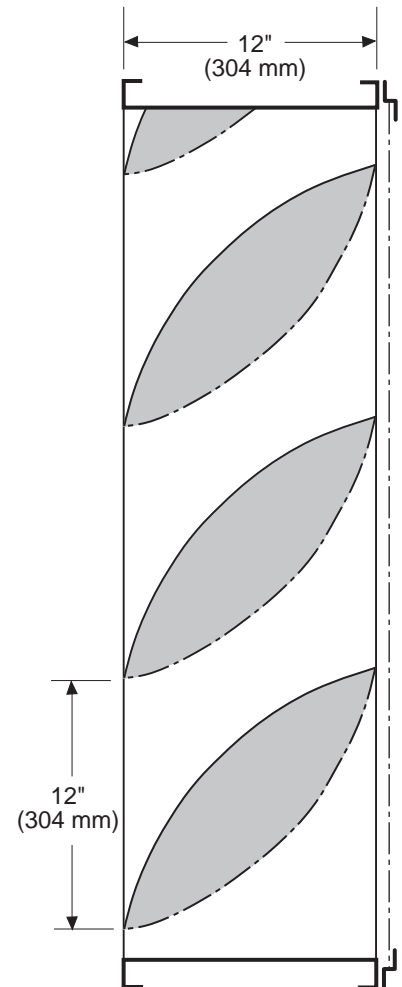
Options:

- Screens:** Insect screen - 18 x 16 mesh. aluminum.
 Other: _____
- Finish:** Prime Coat.
 Baked enamel.
 Kynar 500 Enamel.
 Other: _____
- Sill Extensions:**
- Flange:** 1-1/2" (38 mm) (front or rear)
- Material:** Various materials and gauges
- Notes:** Louvers fabricated 1/4" under opening size unless otherwise noted.

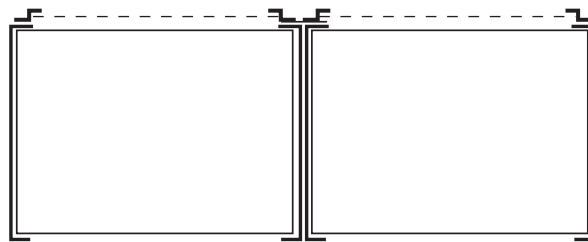
FREE-FIELD NOISE REDUCTION IN DECIBELS **SELECTED 1/3 OCTAVE BANDS CENTER FREQUENCY HZ**

HZ	100	125	250	500	1000	2000	4000
db	13	11	13	16	20	18	16

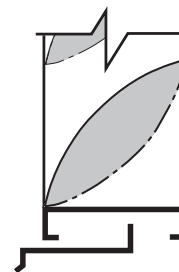
Acoustical Performance was determined by Riverbank Acoustical Laboratories, per ASTM E 90-97 "Recommended Practice for Laboratory Measurement of Airborn Sound Transmission loss of Building Partitions" and E 413-87 "Standard Classification for Determination of Sound Transmission Class."



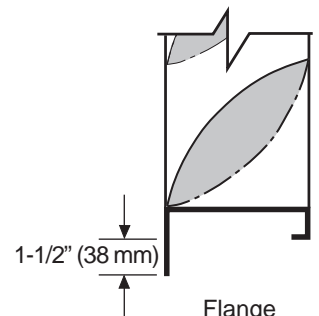
Channel Frame



Visible Mullion



Sill Extension



Flange Frame

Specifications are correct at time of printing. However, as part of our 'continuous improvement program,' we reserve the right to make further improvements without notice.

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Project:

Contractor:

Location:

Address:

Architect:

P.O. Number:

Engineer:

Date:



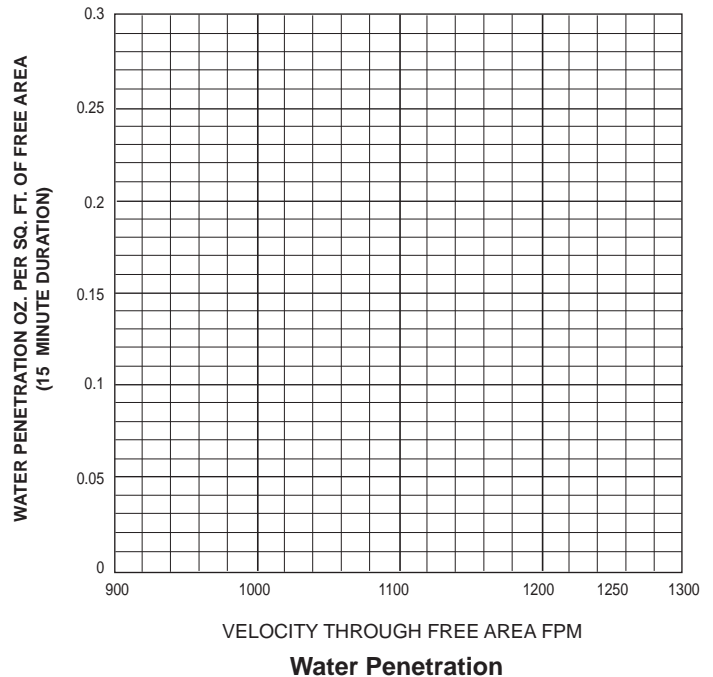
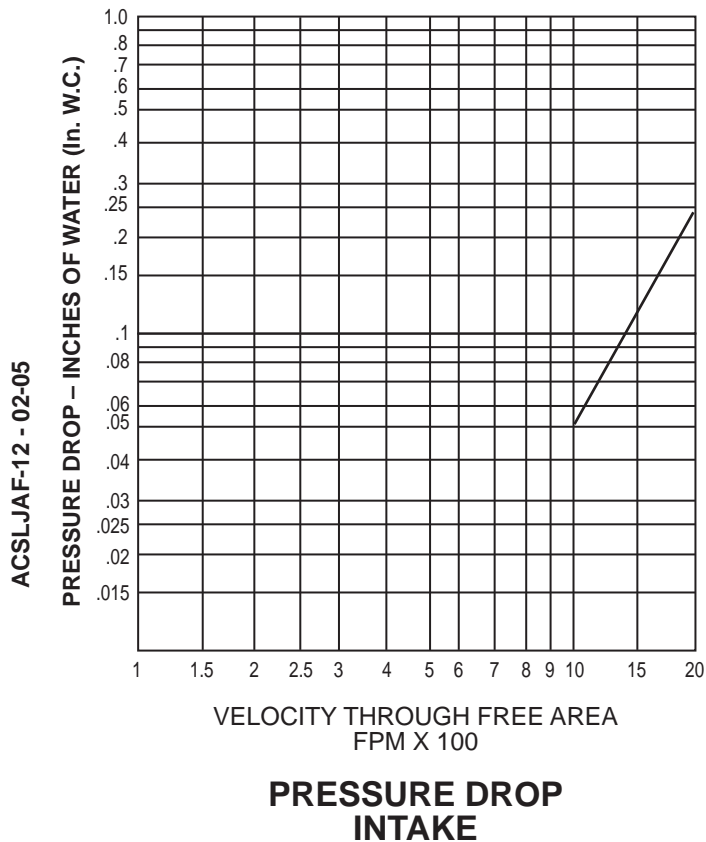
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Specifications

Furnish and install where shown model **ACSLJAF-12** louver, manufactured by **NCA Manufacturing**. Louver blades shall be **acoustical airfoil** on a **45 degree** angle with 6 lb. per cubic foot mineral wool filler between 20 gauge galvanized face and 22 gauge galvanized perforated. Frame shall be **12"** deep 16 gauge galvanized. Screen shall consist of 1/2" mesh 19 gauge galvanized in removable frame mounted on interior. Louver shall be furnished with Polyurethane Enamel, Kynar 500, or another finish selected from NCA's standard color chart. Louvers shall be tested per AMCA standard 511 for water and air and ASTM E 90-97 for acoustics, and perform as per data on this sheet.

ACSLJAF-12 Free Area for 48 x 48 louver is 3.26 sq. ft. (20.3%)



Water Penetration Data applies to test unit size 48" x 48" only. Beginning of Water Penetration is above 1250 FPM Free Area Velocity.

Performance shown is at standard air density 0.075 lbs./ft³.