FABRICATED ALUMINUM, 8” DEEP, HEAVY GAUGE, ACOUSTICAL FIXED TYPE BLADE

MODEL LAA–88
STANDARD SPECIFICATIONS

FRAME: 8” DEEP, 12 GAUGE ALUMINUM.

BLADES: 16 GAUGE ALUMINUM (NON NOISE SIDE).
        20 GAUGE PERFORATED ALUMINUM (NOISE SIDE).

INSULATION: WATER RESISTANT SOUND ABSORBING MATERIAL.

FINISH: MILL.

SCREEN: 1/2” REMOVABLE EXPANDED ALUMINUM BIRD SCREEN, LOCATED ON INTERIOR (NOISE SIDE).

MAXIMUM PANEL SIZE: 72” X 96”.

MINIMUM PANEL SIZE: 12” X 20”.

DIMENSIONS: “A” (WIDTH) AND “B” (HEIGHT) ARE OPENING SIZES. LOUVERS ARE MADE 1/2” UNDERSIZE.

SECTION VIEW

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<th>MODEL No.</th>
<th>&quot;C&quot; BLADE SPACE</th>
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<td>8”</td>
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LOUVER MODEL No. DESCRIPTION

LAA – 8 8

ACOUSTICAL ALUMINUM FRAMES DEPTH BLADE SPACING

STANDARD VERTICAL MULLION

American Warming & Ventilating certifies that the model LAA–88 louver shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to air performance ratings and water penetration ratings.

A MESTEK COMPANY
7301 INTERNATIONAL DRIVE  HOLLAND, OHIO
Phone (419) 865–5000  Fax (419) 865–1375

LAA–88 ACOUSTICAL LOUVER

DRN. BY JMC  DWG. NO.  REV.
DATE 06/05/17  LAA–88
Water Penetration: 0.01 oz (3.0 g) at 849 fpm (4.25 m/s) recommended free area velocity
Pressure Drop: 0.07 in wg (17.4 Pa) at 849 fpm (4.25 m/s) and 3405 scfm (1.61 scm/s)
Free Area: 4.01 sq ft (0.373 sq m) = 25.1% for 48" x 48" (1.22m x 1.22m) test size

Below is an explanation of how to use the AMCA Performance data for the recommended free area velocity of 849 fpm (4.25 m/s).

To determine minimum free area required for louver:
Step #1: Divide the required CFM flow by the maximum recommended free area velocity.
Step #2: Select the most desirable louver size, from the free area table, that meets the minimum free area requirement.
Step #3: Compare specified performance to the certified water penetration and pressure drop ratings.

Form No. AWVLAA88 June 2017