FABRICATED GALVANIZED, 8" DEEP, HEAVY GAUGE, ACOUSTICAL FIXED TYPE BLADE

MODEL LAG–88
STANDARD SPECIFICATIONS

FRAME: 8" DEEP, 16 GAUGE GALVANIZED STEEL.

BLADES: 20 GAUGE GALVANIZED STEEL (NON NOISE SIDE).
22 GAUGE PERFORATED GALVANNEALED STEEL (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

MODEL No. "C" BLADE SPACE
LAG–88 8"

LOUVER MODEL No. DESCRIPTION
LAG – 8 8
ACOUSTICAL GALVANIZED FRAME DEPTH BLADE SPACING

STANDARD VERTICAL MULLION

AMERICAN WARMING & VENTILATING
7301 INTERNATIONAL DRIVE HOLLAND, OHIO
Phone (419) 865–5000 Fax (419) 865–1375

LAG–88 ACOUSTICAL LOUVER

STC CLASS 12

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<thead>
<tr>
<th>OCTAVE BAND</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
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<tbody>
<tr>
<td>FREQUENCY (Hz)</td>
<td>63</td>
<td>125</td>
<td>250</td>
<td>500</td>
<td>1K</td>
<td>2K</td>
<td>4K</td>
<td>8K</td>
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<tr>
<td>TRANSMISSION LOSS (db)</td>
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<td>5</td>
<td>6</td>
<td>9</td>
<td>13</td>
<td>16</td>
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<tr>
<td>FREE FIELD NOISE REDUCTION (db)</td>
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<td>11</td>
<td>12</td>
<td>15</td>
<td>19</td>
<td>22</td>
<td>19</td>
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American Warming & Ventilating certifies that the model LAG–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.
Below is an explanation of how to use the AMCA Performance data for the recommended free area velocity of 956 fpm (4.86 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.

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**Water Penetration:** 0.01 oz (3.0 g) at 956 fpm (4.86 m/s) recommended free area velocity

**Pressure Drop:** 0.09 in wg (22.4 Pa.) at 956 fpm (4.86 m/s) and 3834 scfm (1.81 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