GALVANIZED STEEL, 4" DEEP, HEAVY GAUGE, DRAINABLE FIXED TYPE BLADE

MODEL LF-21
STANDARD SPECIFICATIONS

FRAME: 4" DEEP CHANNEL, 16 GAUGE GALVANIZED STEEL.
BLADES: 20 GAUGE GALVANIZED STEEL.
FINISH: MILL WITH TOUCH UP ON WELDS.
SCREEN: 1/2" REMOVABLE EXPANDED ALUMINUM BIRD SCREEN, LOCATED ON INTERIOR.

MAXIMUM PANEL SIZE: 96" X 96".
MINIMUM PANEL SIZE: 12" X 12".
DIMENSIONS: "A" (WIDTH) AND "B" (HEIGHT) ARE OPENING SIZES. LOUVERS ARE MADE 1/2" UNDERSIZE.

SECTION VIEW

EXTENDED SILL OPTIONAL
ARCHITECTURAL VERTICAL MULLION OPTIONAL

STANDARD HORIZONTAL MULLION
FLANGED FRAME OPTIONAL (SILL SHOWN)

AWV certifies that the model LF-21 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 722 fpm (3.67 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.

Example:

Given: 15000 CFM design flow

Step #1:

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\text{min. free area} = \frac{\text{Design CFM}}{\text{Max. Recommended Velocity}} = \frac{15000}{722} = 20.78 \text{ sq ft}
\]

Step #2: From the free area table above the approximate louver size is 72" x 96" (22.34 sq ft)