EXTRUDED ALUMINUM, 6" DEEP, VERTICAL SIGHTPROOF BLADES, DADE COUNTY APPROVED TO DESIGN PRESSURES UP TO +/- 150 PSF

MODEL LE-68 STANDARD SPECIFICATIONS

FRAME: 6" DEEP EXTRUDED ALUMINUM ALLOY; HEAD AND SILL .125 6063-T6; JAMB .080 6063-T5.

BLADES: .081" THICK 6063-T6 EXTRUDED ALUMINUM ALLOY.

SILL PAN: .060 THICK FORMED ALUMINUM.

FINISH: MILL.

SCREEN: 1/2" REMOVABLE ALUMINUM BIRD SCREEN, LOCATED ON INTERIOR.

MIN. PANEL SIZE: 18" WIDE X 18" HIGH.

MAX. PANEL SIZE: PANEL WIDTH NOT TO EXCEED 96", PANEL HEIGHT NOT TO EXCEED 96", PANEL SQUARE FOOTAGE NOT TO EXCEED 32 SQ.FT. UNLIMITED ASSEMBLY WIDTH UTILIZING STD. VISIBLE OR OPTIONAL CONCEALED MULLIONS, ASSEMBLY HEIGHT LIMITED TO A SINGLE PANEL. CONSULT FACTORY FOR OPENINGS GREATER THEN 96" HIGH.

DIMENSIONS: "A" (WIDTH) AND "B" (HEIGHT) ARE OPENING SIZES; LOUVERS ARE MADE 1" UNDERSIZED.

TESTING: IN ACCORDANCE WITH DADE COUNTY TEST PROTOCOLS TAS-201, TAS-202, AND TAS-203 FOR STRUCTURAL INTEGRITY.

IN ACCORDANCE WITH (TAS)–100(A)–95 FOR HIGH VELOCITY HURRICANE ZONES.

SUBSTRATES: QUALIFIED SUBSTRATES ARE STEEL, 3,000–PSI CONCRETE, OR SOUTHERN PINE.


MIAMI–DADE COUNTY NOA# 17–0713.11

FLORIDA PRODUCT APPROVAL FL# 7453.4

AMCA 540 LISTED (IMPACT RESISTANT LOUVER – BASIC PROTECTION LEVEL D)

AMCA 550 LISTED (HIGH VELOCITY RAIN RESISTANT WITH BLADES FULLY OPEN).

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Model LE-68 Stationary Louver

Drn. By: JMC
Dwg. No.: LE-68
Rev.: 05/04/20

American Warming and Ventilating
A Mestek Company
7301 International Drive, Holland, Ohio
Phone (419) 865-5000 Fax (419) 865-1375

LE-68 STATIONARY LOUVER
Pressure Drop: 0.164 in wg (40.6 Pa.) at 1250 fpm (6.35 m/s) and 9813 scfm (4.63 scm/s)  
Free Area: 7.30 sq ft (0.678 sq m) = 46.1% for 48” x 48” (1.22m x 1.22m) test size  
Missile Impact: "Enhanced Protection" Rated at 55 mph (80 m/s) per ASTM 1886/1996

Test based on a 1m x 1m core test size per AMCA Standard 511
Rain only.

LE-68

AWV certifies that the model LE-68 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 and Wind Driven Rain only.

LE-68

Wind Driven Rain Performance Tests based on 1m x 1m Core Area (39.37" x 39.37") Louver with 5.88 ft2 (0.546 m2) Free Area
BOXED FRAME LE-68
INSTALLATION INSTRUCTIONS

NOTES:
1) MOUNTING ANGLES CAN BE INSTALLED WITH "LEGS IN" OR "LEGS OUT"
   FOR ANY APPROVED SUBSTRATE.
2) "LEGS OUT" IS THE STANDARD CONSTRUCTION, "LEGS IN" IS OPTIONAL.
3) THE FLANGED SLEEVE OPTION CAN BE USED WITH ANY APPROVED
   SUBSTRATE.
4) USE SHIMS TO OBTAIN UNIFORM CLEARANCE BETWEEN THE LOUVER
   AND THE LOUVER OPENING ON ALL SIDES, SHIMS ARE BY OTHERS.
5) SHIMS UNDER SILL PANS MUST ALLOW ENOUGH SPACE TO INSERT
   "LEG IN" OPTION INTO THE OPENING.
6) TWO MOUNTING ANGLES RUN THE FULL WIDTH OF LOUVER.
7) SEE DADE COUNTY NOA 17-0713.11 FOR INSTALLATION DETAILS.
FLANGED SLEEVE LE-68
INSTALLATION INSTRUCTIONS

NOTES:
1) MOUNTING ANGLES CAN BE INSTALLED WITH "LEGS IN" OR "LEGS OUT" FOR ANY APPROVED SUBSTRATE.
2) "LEGS OUT" IS THE STANDARD CONSTRUCTION, "LEGS IN" IS OPTIONAL.
3) THE FLANGED SLEEVE OPTION CAN BE USED WITH ANY APPROVED SUBSTRATE.
4) USE SHIMS TO OBTAIN UNIFORM CLEARANCE BETWEEN THE LOUVER AND THE LOUVER OPENING ON ALL SIDES, SHIMS ARE BY OTHERS.
5) SEALANT BETWEEN FLANGED ANGLE SLEEVE AND THE SUBSTRATE BY INSTALLER.
6) TWO MOUNTING ANGLES RUN THE FULL WIDTH OF LOUVER.
7) SEE DADE COUNTY NOA 17–0713.11 FOR INSTALLATION DETAILS.
FLANGED SLEEVE INSTALLATION
INSTRUCTIONS FOR TAS-100
APPROVED LE-68 LOUVER / DAMPER

FLANGED SLEEVE
WITH BOXED
STEEL SUBSTRATE

FLANGED SLEEVE
WITH CONCRETE
SUBSTRATE

FLANGED SLEEVE
WITH SOUTHERN
PINE SUBSTRATE

NOTES:

1) THE FLANGED SLEEVE OPTION CAN BE USED WITH ANY APPROVED SUBSTRATE.
2) USE SHIMS TO OBTAIN UNIFORM CLEARANCE BETWEEN THE LOUVER AND THE LOUVER OPENING ON ALL SIDES, SHIMS ARE BY OTHERS.
3) SEALANT BETWEEN FLANGED ANGLE SLEEVE AND THE SUBSTRATE BY INSTALLER.
4) TWO MOUNTING ANGLES RUN THE FULL WIDTH OF LOUVER.
5) SEE DADE COUNTY NOA 17-0713.11 FOR INSTALLATION DETAILS.