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 STAND. VISIBLE OR OPTIONAL CONCEALED MULLIONS, ASSEMBLY HEIGHT LIMITED TO A SINGLE PANEL. CONSULT FACTORY FOR OPENINGS GREATER THAN 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, 3,000-50 CONCRETE, OR SOUTHERN PINE

RATINGS: LOUVERS ARE QUALIFIED FOR "ENHANCED PROTECTION" FOR ESSENTIAL FACILITIES APPLICATIONS VIA THE SUCCESSFUL TESTING OF THE LARGE MISSILE IMPACT TEST (AT 80 F/S) AND CYCLIC LOAD TESTS AS SPECIFIED BY ASTM 1886/1996.

MIAMI-DADE COUNTY NOA# 17-0713.11
FLORIDA PRODUCT APPROVAL FL# 7453.4
AMCA 550 LISTED (HIGH VELOCITY RAIN RESISTANT WITH BLADES FULLY OPEN).

CONCEALED MULLION – STANDARD

VISIBLE MULLION – OPTIONAL

LE-68 STATIONARY LOUVER

AWV certified that the model LE-68 shown herein is approved to bear the AMCA Listing Label. The ratings shown are based on tests and procedures performed in accordance with AMCA Publications and comply with the requirements of the AMCA Listing Program. The AMCA Listing Label applies to High Velocity Wind Driven Rain Resistant Louvers.

American Warming and Ventilating
A MESTEK COMPANY
7301 INTERNATIONAL DRIVE HOLLAND, OHIO
Phone (419) 865-5000 Fax (419) 865-1375
LE-68 STATIONARY LOUVER
DRN. BY JMC DWG. NO. LE-68 REV.
DATE 01/22/20
Wind Driven Rain Performance 29 mph (46.7 kph) with 3 in/h (76 mm/h)

<table>
<thead>
<tr>
<th>Penetration Class</th>
<th>Effectiveness Ratio</th>
<th>Coefficient of Discharge</th>
<th>Core Velocity</th>
<th>Ventilation Airflow Velocity</th>
<th>Free Area</th>
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</thead>
<tbody>
<tr>
<td>Class A</td>
<td>100.0%</td>
<td>Class 1</td>
<td>960 (5)</td>
<td>10546 (299)</td>
<td>2170 (11)</td>
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<tbody>
<tr>
<td>Class A</td>
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<td>Class 1</td>
<td>784 (4)</td>
<td>8440 (239)</td>
<td>1736 (8.8)</td>
</tr>
<tr>
<td>Class A</td>
<td>99.1%</td>
<td>Class 1</td>
<td>877 (4.5)</td>
<td>9445 (267)</td>
<td>1943 (9.9)</td>
</tr>
<tr>
<td>Class A</td>
<td>99.1%</td>
<td>Class 1</td>
<td>982 (5)</td>
<td>10578 (300)</td>
<td>2176 (11)</td>
</tr>
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Wind Driven Rain Performance 50 mph (80.5 kph) with 8 in/h (203 mm/h)

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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

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.