EXTRUDED ALUMINUM, 6" DEEP, VERTICAL FIXED TYPE BLADE FOR WIND DRIVEN RAIN

MODEL LE-67VWD
STANDARD SPECIFICATION

FRAME: 6" DEEP .081" 6063 T52/T6 THICK EXTRUDED ALUMINUM ALLOY.

BLADES: .081" THICK 6063 T52/T6 EXTRUDED ALUMINUM ALLOY.

SILL PAN: .060 THICK FORMED ALUMINUM.

FINISH: MILL.

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

NOTES:

MAX. PANEL SIZE: PANEL WIDTH NOT TO EXCEED 96", PANEL HEIGHT NOT TO EXCEED 96", PANEL SQUARE FOOTAGE NOT TO EXCEED 30', UNLIMITED ASSEMBLY WIDTH UTILIZING ARCHITECTURAL VERTICAL MULLIONS, ASSEMBLY HEIGHT LIMITED TO A SINGLE PANEL. CONSULT FACTORY FOR OPENINGS GREATER THEN 96" HIGH.

MIN. PANEL SIZE: 12" WIDE X 12" HIGH.

DIMENSIONS: "A" (WIDTH) AND "B" (HEIGHT) ARE OPENING SIZES LOUVERS ARE MADE 1/2" UNDERSIZED.

AMCA CERTIFIED RATINGS

AWV certifies that the model LE-67VWD 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 Wind Driven Rain only.

 american warming and ventilating
A MESTEK COMPANY
7301 INTERNATIONAL DRIVE HOLLAND, OHIO
Phone (419) 865-5000 Fax (419) 865-1375

LE-67VWD STATIONARY LOUVER

INR. BY JVC DWG. NO. REV.
DATE 3/10/04 LE-67VWD
Wind Velocity: 50 mph (80.5 kph)
Rainfall: 8" per hour (203 mm/h)
Test Size: 1m x 1m core area

LE-67VWD WIND DRIVEN RAIN PERFORMANCE

- Water Penetration: 0.01 oz (3.0 g) at 1250 fpm (6.35 m/s) recommended free area velocity
- Pressure Drop: 0.17 in wg (42.1 Pa.) at 1250 fpm (6.35 m/s) and 7200 scfm (3.4 scm/s)
- Free Area: 5.76 sq ft (0.535 sq m) = 53.5% for 1m x 1m core test size
- BSRIA Certification: Class A Rain Penetration & Class 1 Coefficient of Discharge & Entry

### Water Penetration
- Class A: 99.5%

###芯区
- Core Area: 96
- Core Water Effectiveness: 0.22
- Airflow Velocity: 688 fpm (3.5 m/s) 7402 cfm (3.5 cm/s)

### INTAKE PRESSURE DROP

### FREE AREA IN SQUARE FEET (sq meters)

<table>
<thead>
<tr>
<th>WIDTH (in.)</th>
<th>12</th>
<th>24</th>
<th>36</th>
<th>48</th>
<th>60</th>
<th>72</th>
<th>84</th>
<th>96</th>
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<tbody>
<tr>
<td>(mm)</td>
<td>305</td>
<td>610</td>
<td>914</td>
<td>1219</td>
<td>1524</td>
<td>1829</td>
<td>2134</td>
<td>2438</td>
</tr>
<tr>
<td>(15 min duration)</td>
<td>(7.4)</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Height (in.)</td>
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<td>137</td>
<td>1.37</td>
<td>3.39</td>
<td>5.71</td>
<td>7.73</td>
<td>10.05</td>
<td>12.07</td>
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<tr>
<td>(mm)</td>
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<td>343</td>
<td>517</td>
<td>670</td>
<td>817</td>
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<td>1087</td>
<td>1217</td>
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<td>Width (in.)</td>
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<td>4.30</td>
<td>7.23</td>
<td>9.80</td>
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<td>15.29</td>
<td>17.86</td>
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<tr>
<td>(mm)</td>
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<td>440</td>
<td>690</td>
<td>987</td>
<td>1270</td>
<td>1563</td>
<td>1856</td>
<td>2149</td>
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<td>5.20</td>
<td>8.75</td>
<td>11.86</td>
<td>15.41</td>
<td>18.51</td>
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<td>470</td>
<td>697</td>
<td>917</td>
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<td>1357</td>
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<td>1807</td>
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<td>18.09</td>
<td>21.73</td>
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<tr>
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<td>1088</td>
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<td>2009</td>
<td>2405</td>
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</table>

### VELOCITY THROUGH FREE AREA fpm (m/s)
- Standard air: .075 lbs per cu ft
- Ratings do not include the effect of a wire bird screen
- Test based on a 48" x 48" test size per AMCA Standard 511
- The pressure drop is not licensed to bear the AMCA seal
- Both maximum recommended free area velocity and beginning of water penetration are 1250 fpm at standard air -.075 lbs per cu ft.
- The above water penetration data is based on mill finish, 48" x 48" test size per AMCA Standard 511.

### BSRIA Certification
- Class A Rain Penetration, & Class 1 Coefficient of Discharge & Entry

Form No. AWVLE67VWD March 2004