

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

MODEL LE-67VWD  
STANDARD SPECIFICATION

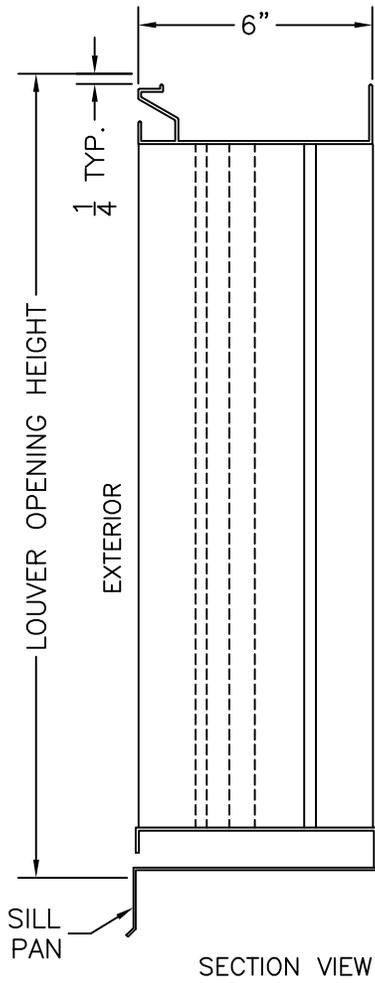
- FRAME: 6" DEEP .081" 6063 T52/T6 THICK EXTRUDED ALUMINUM ALLOY.
- BLADES: .081" THICK 6063 T52/T6 EXTRUDED ALUMINUM ALLOY.
- SILL PAN: .060 THICK FORMED ALUMINUM.
- FINISH: MILL.
- SCREEN: 1/2" REMOVABLE ALUMINUM BIRD SCREEN, LOCATED ON INTERIOR.

NOTES:

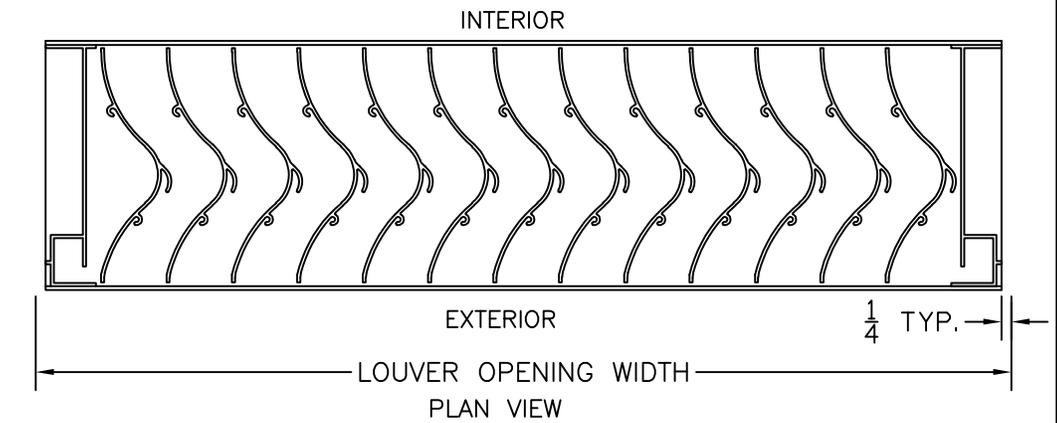
MAX. PANEL SIZE: PANEL WIDTH NOT TO EXCEED 96", PANEL HEIGHT NOT TO EXCEED 96", PANEL SQUARE FOOTAGE NOT TO EXCEED 30', UNLIMITED ASSEMBLY WIDTH UTILIZING ARCHITECTURAL VERTICAL MULLIONS, ASSEMBLY HEIGHT LIMITED TO A SINGLE PANEL. CONSULT FACTORY FOR OPENINGS GREATER THEN 96" HIGH.

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

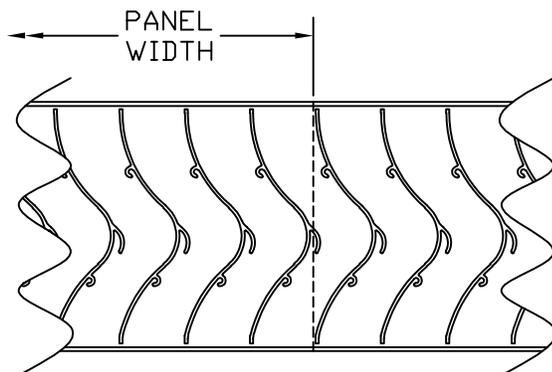
DIMENSIONS: "A" (WIDTH) AND "B" (HEIGHT) ARE OPENING SIZES LOUVERS ARE MADE 1/2" UNDERSIZED.



SECTION VIEW



PLAN VIEW



ARCHITECTURAL VERTICAL  
MULLION OPTIONAL



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.



AMCA Certified Ratings Seal applies to air performance ratings, water penetration ratings, and wind driven rain ratings.

**awv** american warming and ventilating

A MESTEK COMPANY

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LE-67VWD STATIONARY LOUVER

DRN. BY JMC	DWG. NO. LE-67VWD	REV.
DATE 5/12/25		

**Water Penetration** : 0.01 oz (3.0 g) at 1250 fpm (6.35 m/s) recommended free area velocity  
**Pressure Drop** : 0.20 in wg (49.8 Pa) at 1025 fpm (5.21 m/s) and 8210 scfm (3.87 scm/s)  
**Free Area** : 8.01 sq ft (0.744 sq m) 50.1% for 48" x 48" (1.22 m x 1.22 m) test size

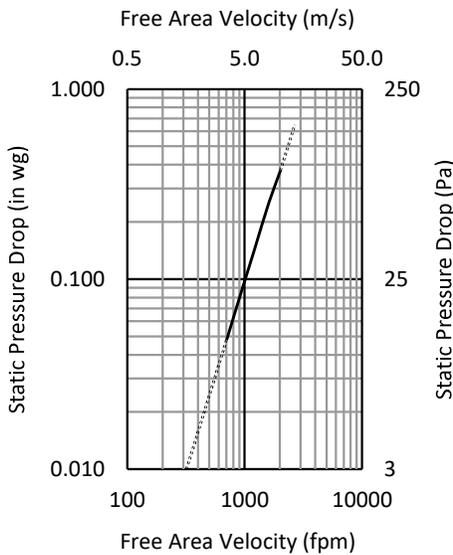
**LE-67 WIND DRIVEN RAIN PERFORMANCE**

**Wind Velocity 29 mph (46.7 kph)**  
**Rainfall 3" per hour (76 mm/h)**  
**Test Size 1m x 1m core area**

Water Penetration	Effectiveness Ratio	Coefficient of Discharge	Core Velocity	Ventilation Airflow	Free Area Velocity
Class A	99.5%	Class 1	688 fpm (3.5 m/s)	7402 scfm (3.5 scm/s)	1285 fpm (6.5 m/s)

**INTAKE PRESSURE DROP**

(AMCA Figure 5.5)



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

		WIDTH															
		in mm	12 305	24 610	36 914	48 1219	60 1524	72 1829	84 2134	96 2438							
HEIGHT	12 305	0.27	0.68	1.14	1.55	2.01	2.41	2.82	3.28	0.025	0.063	0.106	0.144	0.187	0.224	0.262	0.305
	24 610	0.64	1.58	2.66	3.61	4.69	5.63	6.58	7.66	0.059	0.147	0.247	0.335	0.436	0.523	0.611	0.712
	36 914	1.00	2.49	4.19	5.67	7.37	8.85	10.34	12.04	0.093	0.231	0.389	0.527	0.685	0.822	0.961	1.119
	48 1219	1.37	3.39	5.71	7.73	10.05	12.07	14.10	16.42	0.127	0.315	0.53	0.718	0.934	1.121	1.31	1.525
	60 1524	1.73	4.30	7.23	9.80	12.73	15.29	17.86	20.79	0.161	0.399	0.672	0.91	1.183	1.42	1.659	1.931
	72 1829	2.09	5.20	8.75	11.86	15.41	18.51	21.62	25.17	0.194	0.483	0.813	1.102	1.432	1.72	2.008	2.338
	84 2134	2.46	6.10	10.27	13.92	18.09	21.73	25.38	29.55	0.229	0.567	0.954	1.293	1.681	2.019	2.358	2.745
	96 2438	2.82	7.01	11.79	15.98	20.77	24.95	29.14	33.93	0.262	0.651	1.095	1.485	1.93	2.318	2.707	3.152

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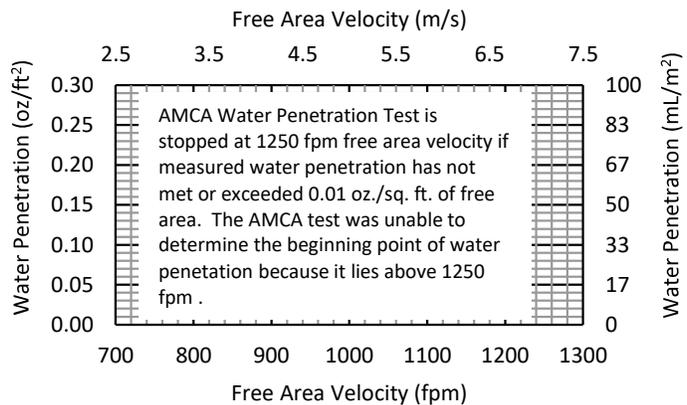
requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to Air Performance, Water Penetration, and Wind Driven Rain.



All ratings based on standard air density = 0.075 lbs per cu ft.  
 All ratings do not include the effect of a bird screen.

AP & WP ratings based on 48" x 48" (1.22 m x 1.22 m) test size.  
 WDR ratings are based on 39.37" x 39.37" (1 m x 1 m) test size.

**WATER PENETRATION**



Maximum recommended free area velocity for beginning point of water penetration is 1250 fpm (6.35 m/s) at standard air density.