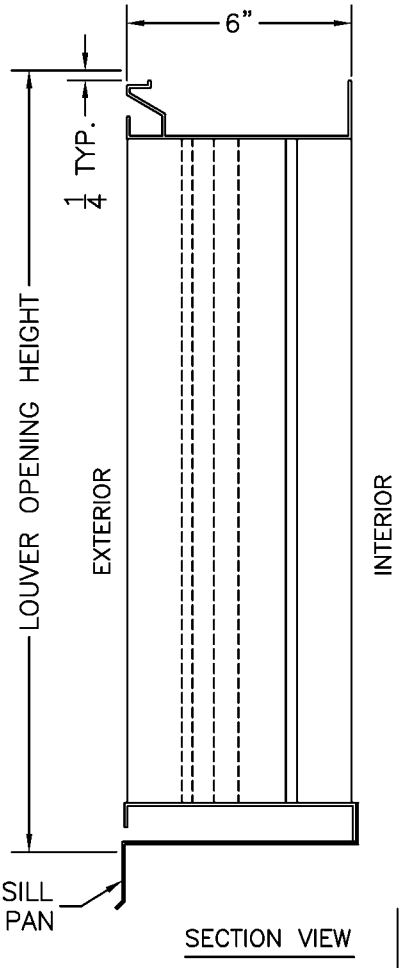
EXTRUDED ALUMINUM, 6" DEEP, VERTICAL FIXED TYPE BLADE FOR WIND DRIVEN RAIN



SECTION VIEW

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.

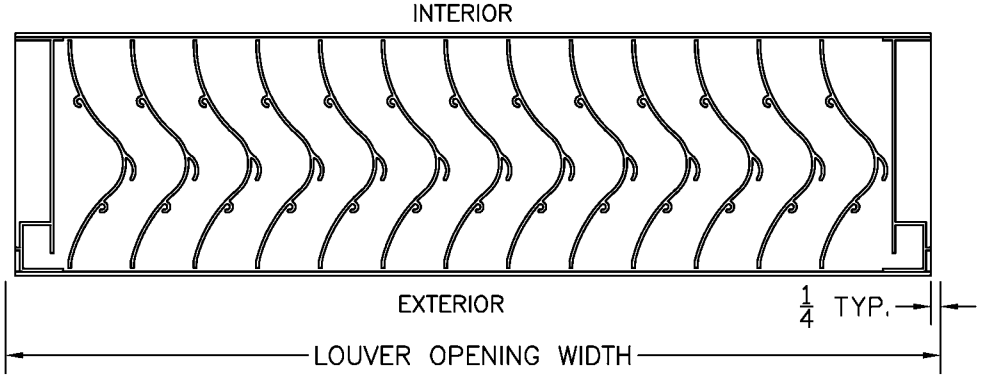
SCREEN: 1/2" REMOVABLE ALUMINUM BIRD SCREEN, LOCATED ON INTERIOR.

NOTES:

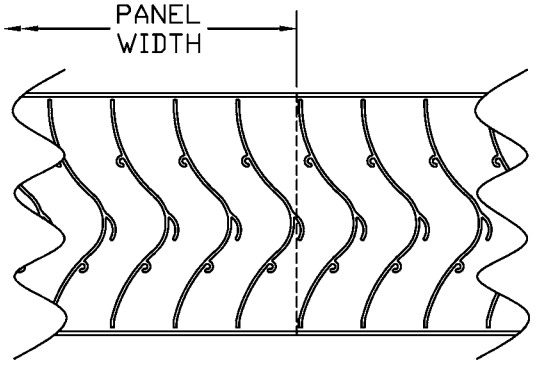
MAX. PANEL SIZE: PANEL WIDTH NOT TO EXCEED 96", PANEL HEIGHT NOT TO EXCEED 96", PANEL SQUARE FOOTAGE NOT TO EXCEED 30', UNLIMITED ASSEMBLY WIDTH UTILIZING ARCHITECTURAL VERTICAL MULLIONS, ASSEMBLY HEIGHT LIMITED TO A SINGLE PANEL. CONSULT FACTORY FOR OPENINGS GREATER THEN 96" HIGH.

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

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



PLAN VIEW



ARCHITECTURAL VERTICAL MULLION OPTIONAL

amca CERTIFIED RATINGS
WIND DRIVEN RAIN
AIR MOVEMENT AND CONTROL ASSOCIATION, INC.

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.

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

LE–67VWD STATIONARY LOUVER

DRN. BY	DWG. NO.	REV.
JVC	LE–67VWD	
DATE 3/10/04		

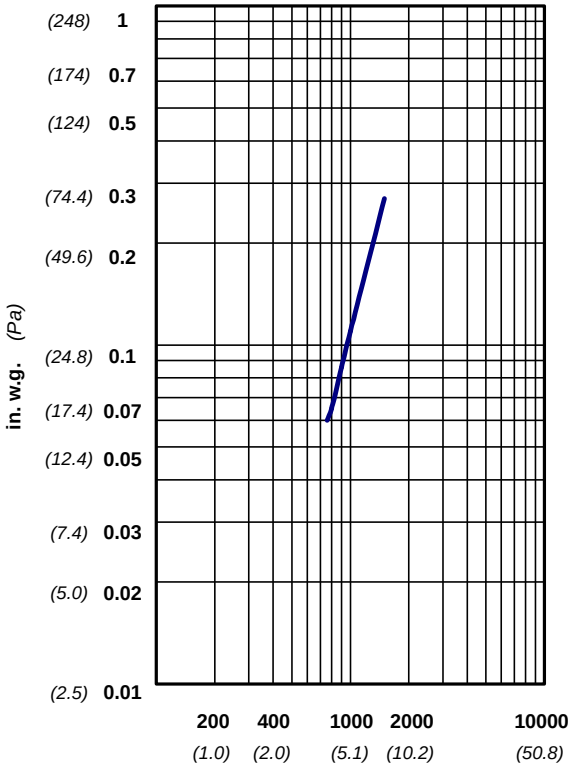
Water Penetration : 0.01 oz (3.0 g) at 1250 fpm (6.35 m/s) recommended free area velocity
Pressure Drop : 0.17 in wg (42.1 Pa.) at 1250 fpm (6.35 m/s) and 7200 scfm (3.4 scm/s)
Free Area : 5.76 sq ft (0.535 sq m) = 53.5% for 1m x 1m core test size
BSRIA Certification : Class A Rain Penetration, & Class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

LE-67VWD WIND DRIVEN RAIN PERFORMANCE

Wind Velocity 50 mph (80.5 kph)
Rainfall 8" per hour (203 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 cfm (3.5 cm/s)	1285 fpm (6.5 m/s)

INTAKE PRESSURE DROP

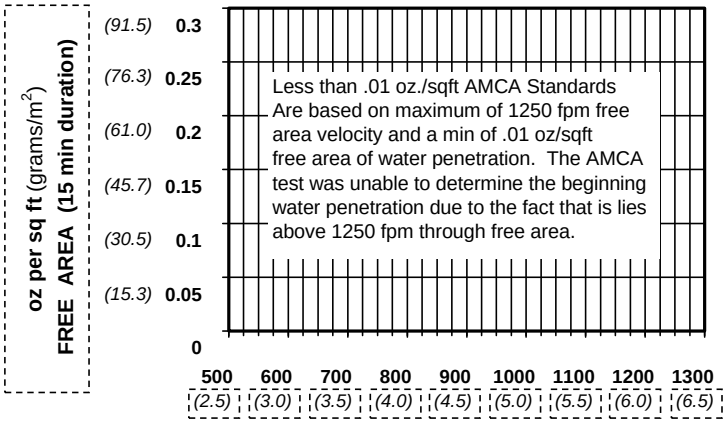


VELOCITY THROUGH FREE AREA fpm (m/s)
standard air- .075 lbs per cu ft
Ratings do not include the effect of a wire bird screen
Test based on a 48" x 48" test size per AMCA Standard 51
The pressure drop is not licensed to bear the AMCA seal.

FREE AREA IN SQUARE FEET *(sq meters)*

HEIGHT \ WIDTH	in. / mm	12 / 305	24 / 610	36 / 914	48 / 1219	60 / 1524	72 / 1829	84 / 2134	96 / 2438
	12 / 305	0.27 / 0.025	0.68 / 0.063	1.14 / 0.106	1.55 / 0.144	2.01 / 0.187	2.41 / 0.224	2.82 / 0.262	3.28 / 0.305
	24 / 610	0.64 / 0.059	1.58 / 0.147	2.66 / 0.247	3.61 / 0.335	4.69 / 0.436	5.63 / 0.523	6.58 / 0.611	7.66 / 0.712
	36 / 914	1.00 / 0.093	2.49 / 0.231	4.19 / 0.389	5.67 / 0.527	7.37 / 0.685	8.85 / 0.822	10.34 / 0.961	12.04 / 1.119
	48 / 1219	1.37 / 0.127	3.39 / 0.315	5.71 / 0.530	7.73 / 0.718	10.05 / 0.934	12.07 / 1.121	14.10 / 1.310	16.42 / 1.525
	60 / 1524	1.73 / 0.161	4.30 / 0.399	7.23 / 0.672	9.80 / 0.910	12.73 / 1.183	15.29 / 1.420	17.86 / 1.659	20.79 / 1.931
	72 / 1829	2.09 / 0.194	5.20 / 0.483	8.75 / 0.813	11.86 / 1.102	15.41 / 1.432	18.51 / 1.720	21.62 / 2.009	25.17 / 2.338
	84 / 2134	2.46 / 0.229	6.10 / 0.567	10.27 / 0.954	13.92 / 1.293	18.09 / 1.681	21.73 / 2.019	25.38 / 2.358	29.55 / 2.745
	96 / 2438	2.82 / 0.262	7.01 / 0.651	11.79 / 1.095	15.98 / 1.485	20.77 / 1.930	24.95 / 2.318	29.14 / 2.707	33.93 / 3.152

WATER PENETRATION



VELOCITY THROUGH FREE AREA fpm (m/s)
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.
The water penetration is not licensed to bear the AMCA seal.

AMCA CERTIFIED RATINGS — WIND DRIVEN RAIN — AIR MOVEMENT AND CONTROL ASSOCIATION, INC.

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LE-67VWD