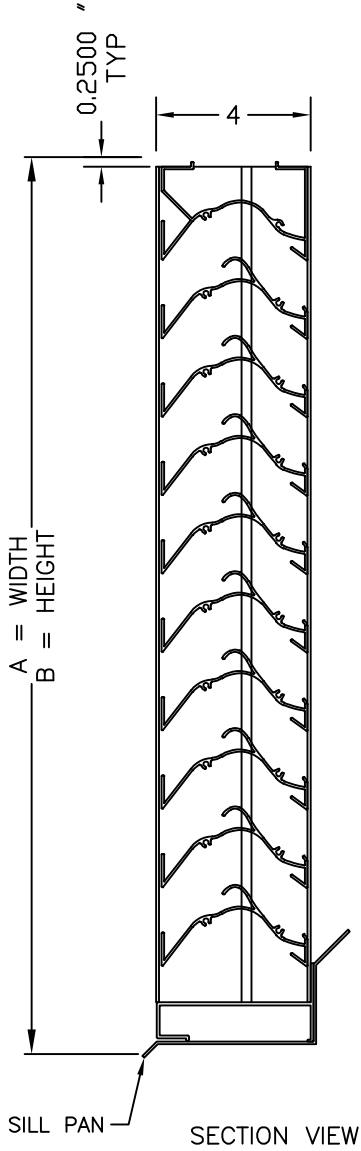


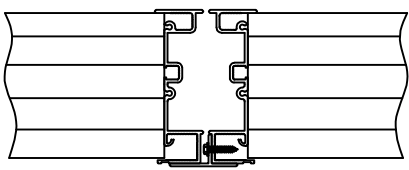
EXTRUDED ALUMINUM, 4" DEEP, HORIZONTAL FIXED TYPE BLADE FOR WIND DRIVEN RAIN



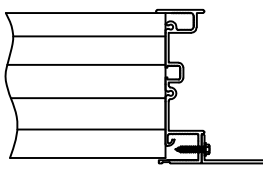
MODEL LE-44
STANDARD SPECIFICATIONS

- FRAME: 4" DEEP CHANNEL, .081" THICK 6063-T6 EXTRUDED ALUMINUM ALLOY.
- BLADES: .060" THICK 6063-T6 EXTRUDED ALUMINUM ALLOY.
- FINISH: MILL.
- SILL PAN: .060 THICK FORMED ALUMINUM.
- SCREEN: 1/2" REMOVABLE EXPANDED ALUMINUM BIRD SCREEN, LOCATED ON INTERIOR.
- MAXIMUM PANEL SIZE: 96" X 96".
- MINIMUM PANEL SIZE: 12" X 12".
- DIMENSIONS: "A" (WIDTH) AND "B" (HEIGHT) ARE OPENING SIZES. LOUVERS ARE MADE 1/2" UNDERSIZE.

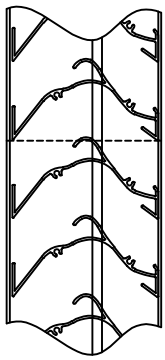
* PANELS OVER 60" WIDE WILL BE 4-1/4" DEEP DUE TO A VERTICAL INTERIOR BLADE SUPPORT.



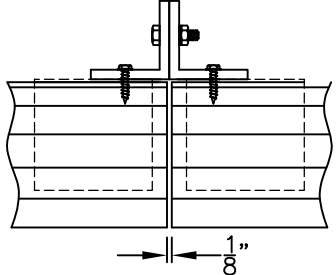
STANDARD VERTICAL MULLION



OPTIONAL FLANGED FRAME
(JAMB SHOWN)



STANDARD HORIZONTAL MULLION



ARCHITECTURAL VERTICAL MULLION OPTIONAL

AWW certifies that the model LE-44 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 ratings, water penetration ratings, and wind driven rain ratings.



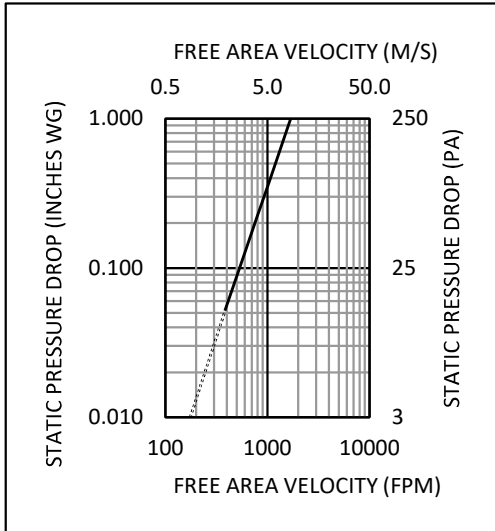
aww american warming and ventilating
A MESTEK COMPANY
7301 INTERNATIONAL DRIVE HOLLAND, OHIO
Phone (419) 865-5000 Fax (419) 865-1375

LE-44 STATIONARY LOUVER

DRN. BY JMC	DWG. NO. LE-44	REV.
DATE 02/27/26		

Water Penetration : 0.01 oz (3.0 g) at 1079.2 fpm (5.40 m/s) recommended free area velocity
Pressure Drop : 0.41 in wg (102 Pa) at 1079.2 fpm (5.40 m/s) and 8644 scfm (4.08 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

INTAKE PRESSURE DROP
(AMCA Figure 5.5)



FREE AREA IN SQUARE FEET (sq meters)

		WIDTH								
		in	12	24	36	48	60	72	84	96
HEIGHT	in	12	24	36	48	60	72	84	96	
	mm	305	610	914	1219	1524	1829	2134	2438	
	12	0.30	0.68	1.06	1.44	1.83	2.21	2.59	2.97	
	305	0.028	0.063	0.098	0.134	0.17	0.205	0.241	0.276	
	24	0.75	1.70	2.66	3.61	4.57	5.52	6.47	7.43	
	610	0.07	0.158	0.247	0.335	0.425	0.513	0.601	0.689	
	36	1.20	2.72	4.25	5.78	7.30	8.83	10.36	11.88	
	914	0.111	0.253	0.395	0.537	0.678	0.82	0.962	1.104	
	48	1.65	3.75	5.84	8.01	10.04	12.14	14.24	16.34	
	1219	0.153	0.348	0.543	0.744	0.933	1.128	1.323	1.518	
	60	2.10	4.77	7.44	10.11	12.78	15.45	18.13	20.80	
	1524	0.195	0.443	0.691	0.939	1.187	1.435	1.682	1.93	
72	2.54	5.79	9.03	12.28	15.52	18.77	22.01	25.25		
1829	0.236	0.538	0.839	1.141	1.442	1.744	2.045	2.346		
84	2.99	6.81	10.63	14.44	18.26	20.88	25.89	29.71		
2134	0.278	0.633	0.988	1.341	1.696	1.94	2.405	2.76		
96	3.44	7.83	12.22	16.61	21.00	25.39	29.78	34.17		
2438	0.32	0.727	1.135	1.543	1.951	2.359	2.767	3.174		

WIND DRIVEN RAIN

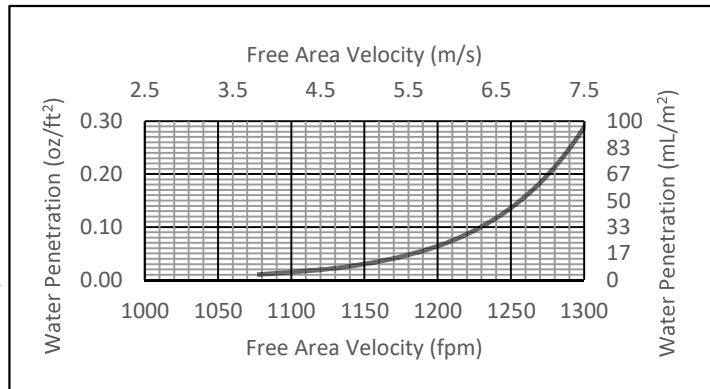
75 mm/h (3 in./hr) Rainfall \$ 13 m/s (29 mph) Wind Velocity						202 mm/h (8 in./hr) Rainfall \$ 22 m/s (50 mph) Wind Velocity					
Free Area Velocity		Ventilation Air Core Velocity		Water Penetration		Free Area Velocity		Ventilation Air Core Velocity		Water Penetration	
(fpm)	(m/s)	(fpm)	(m/s)	Class	Effective	(fpm)	(m/s)	(fpm)	(m/s)	Class	Effective
0	0.0	0	0.0	A	>=99.2%	0	0.0	0	0.0	A	>=99.4%
0	0.0	0	0.0	A	>=99.2%	152	0.8	111	0.6	A	99.4%
274	1.4	200	1.0	A	99.2%	263	1.3	192	1.0	A	99.3%
403	2.0	294	1.5	A	99.1%	367	1.9	268	1.4	A	99.1%
551	2.8	402	2.0	A	99.0%	533	2.7	389	2.0	B	98.8%
671	3.4	490	2.5	B	98.5%	686	3.5	501	2.5	B	98.6%
805	4.1	588	3.0	B	95.8%	770	3.9	562	2.9	B	98.4%
944	4.8	689	3.5	D	78.3%	925	4.7	675	3.4	B	97.3%
1078	5.5	787	4.0	D	66.6%	1078	5.5	787	4.0	C	86.5%
1214	6.2	886	4.5	D	50.8%	1189	6.0	868	4.4	C	93.3%
1348	6.8	984	5.0	D	33.7%	1322	6.7	965	4.9	C	92.0%

Intake Discharge Loss Coefficient Class = 3
Ratings include the effect of a drain pan.



AWV Certifies that the model LE-44 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, Water Penetration, and Wind Driven Rain.

WATER PENETRATION



All ratings based on standard air density = 0.075 lbs per cu ft.
All ratings do not include the effect of a bird screen.
All ratings based on 48" x 48" test size per AMCA Standard 511.