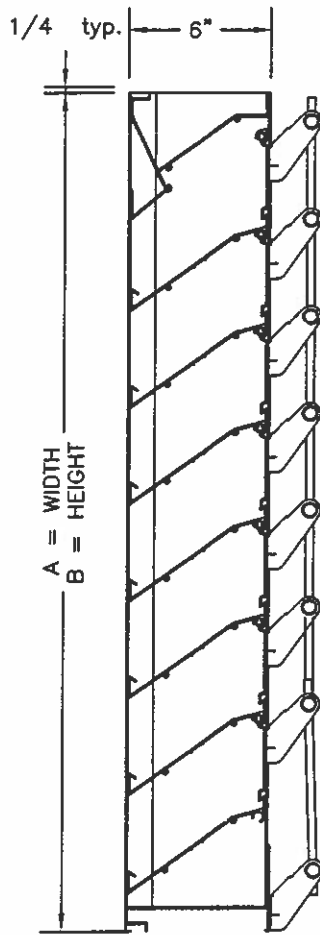
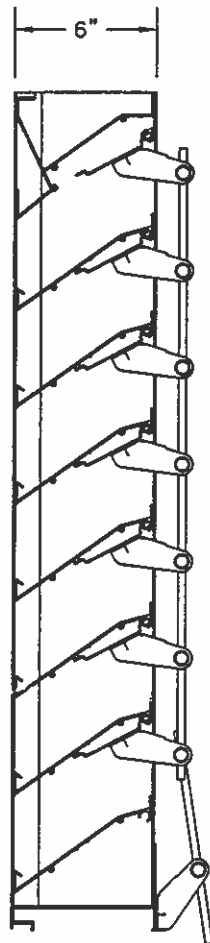


# EXTRUDED ALUMINUM, 6" DEEP, COMBINATION ADJUSTABLE AND STATIONARY TYPE BLADE



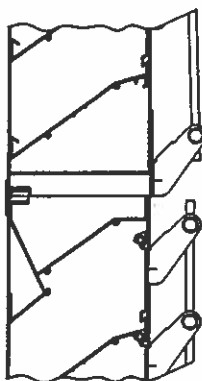
SECTION VIEW  
(BLADES CLOSED)



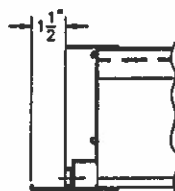
SECTION VIEW  
(BLADES OPEN)

MODEL DC-65C  
STANDARD SPECIFICATION

- FRAME: 6" DEEP CHANNEL .081 THICK  
6063-T5 ALUMINUM ALLOY
- BLADES: .081" THICK 6063-T5 ALUMINUM ALLOY.
- AXLES: FULL BLADE ALUMINUM EXTRUSION
- LINKAGE: PLATED STEEL BRACKETS, BRASS BARRELS,  
5/16 DIA. PLATED STEEL LINKAGE ROD
- SEALS: VINYL ON BLADE.
- SCREEN: 1/2" REMOVABLE EXPANDED ALUMINUM  
BIRD SCREEN, LOCATED ON EXTERIOR.
- ACTUATOR: INDIVIDUAL PANEL WINGNUT, SEE ACTUATOR  
BULLETIN FOR OTHER SELECTIONS.
- FINISH: MILL
- MAX. PANEL SIZE: 60 x 96
- MIN. PANEL SIZE: 12 x 12
- DIMENSIONS: "A" (WIDTH) AND "B" (HEIGHT) ARE  
OPENING SIZES. LOUVERS ARE  
MADE 1/2" UNDERSIZED



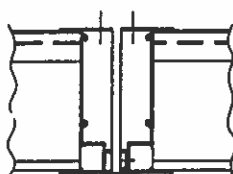
STANDARD HORIZONTAL  
MULLION



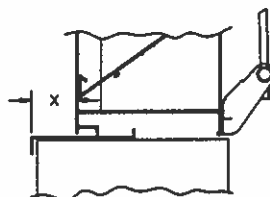
FLANGED FRAME  
OPTIONAL  
(JAMB SHOWN)



L&D certifies that the model DC-65C 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 and water penetration ratings.



STANDARD VERTICAL  
MULLION



EXTENDED SILL  
OPTIONAL

## L&D LOUVERS & DAMPERS A MESTEK COMPANY

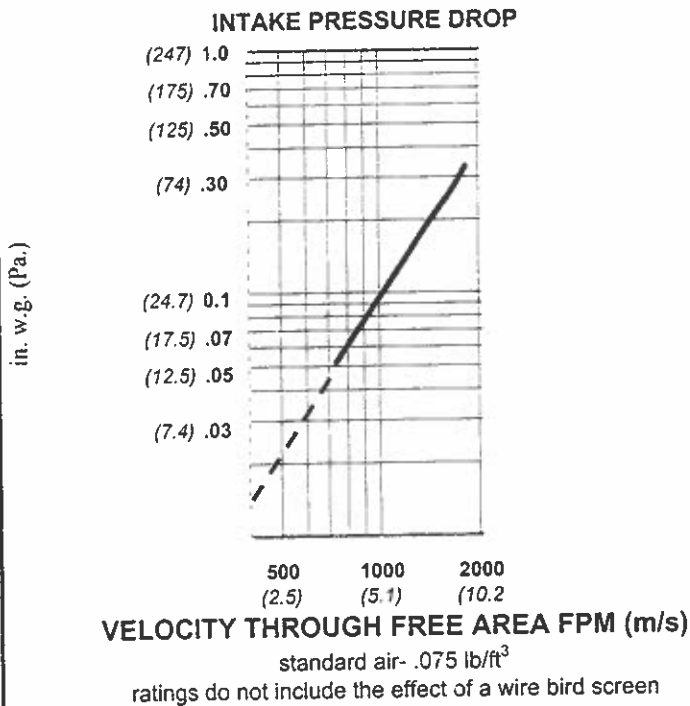
7435 INDUSTRIAL ROAD  
Phone (859) 647-2299

FLORENCE, KY  
Fax (859) 647-7810

### DC-65C COMBINATION LOUVER

DRN. BY JPM	DWG. NO. DC-65C	REV.
DATE 12-01-02		

**Water Penetration** : .01 oz. (3.0) at 1250 fpm (6.35 m/s) recommended free area velocity  
**Pressure drop** : .150 in wg. (37.2 Pa.) at 1250 fpm (6.35 m/s) and 10,237 SCFM (4.83 scm/s)  
**Free Area** : 8.192 ft<sup>2</sup> (0.761 m<sup>2</sup>) = 51.2% for 48" x 48" (1.22m x 1.22m) test size



		FREE AREA IN ft <sup>2</sup> and m <sup>2</sup>					
		WIDTH					
		in.	12	24	36	48	60
		mm	305	610	914	1219	1524
HEIGHT	12	0.153	0.375	0.597	0.819	1.041	
	305	0.014	0.035	0.055	0.076	0.097	
	24	0.611	1.500	2.388	3.277	4.166	
	610	0.057	0.139	0.222	0.304	0.387	
	36	1.069	2.624	4.180	5.735	7.290	
	914	0.099	0.244	0.388	0.533	0.677	
	48	1.527	3.749	5.971	8.192	10.41	
	1219	0.142	0.348	0.555	0.761	0.967	
	60	1.986	4.874	7.762	10.65	13.54	
	1524	0.184	0.453	0.721	0.989	1.258	
	72	2.444	5.999	9.553	13.11	16.66	
	1829	0.227	0.557	0.888	1.218	1.548	
	84	2.902	7.123	11.34	15.57	19.79	
	2134	0.270	0.662	1.054	1.446	1.838	
	96	3.360	8.248	13.14	18.02	22.91	
	2438	0.312	0.766	1.220	1.674	2.128	



L&D certifies that the model DC65C 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 and water penetration ratings.

**WATER PENETRATION**  
 Less than .01 oz./ft<sup>2</sup> AMCA standards are based on maximum of 1250 fpm free area velocity and a min. of .01 oz./ft<sup>2</sup> of free area water penetration. The AMCA test was unable to determine the beginning water penetration due to the fact that it lies above 1250 fpm through free area. Both maximum recommended free area velocity and beginning of water penetration are 1250 fpm at standard air-.075 lb/ft<sup>3</sup>. The above water penetration data is based on mill finish, 48" x 48" test size per AMCA Standard 511 (15 min. duration).

**LEAKAGE:**

We have shown two leakage values for the louver sizes below. The upper values with blade seals, and lower values are with optional blade and jamb seals. Values were derived from tests performed in accordance with AMCA 500. Values are in total (CFM) at 1/2 inch water gauge differential pressure.

**TOTAL LEAKAGE IN SCFM @ .5 in. wgD P CLOSING TORQUE IN inch/pounds**

**OPERATING FORCE FACTOR:**

Louvers are normally operated by applying force to the blade to blade linkage whereas dampers are driven through the blade axes. Because of this fact, simple operating torque cannot be published. The factors shown are to be used with the data shown in our louver actuator selection guide in our louver actuator price list.

		WIDTH					
		SEALS	12	24	36	48	60
HEIGHT	12	BLADE	9	18	26	35	44
	BLD & JMB	5	11	16	22	27	
	24	BLADE	18	35	53	70	88
	BLD & JMB	11	22	33	44	54	
	36	BLADE	26	53	79	105	131
	BLD & JMB	16	33	49	65	82	
	48	BLADE	35	70	105	140	175
	BLD & JMB	22	44	65	87	109	
	60	BLADE	44	88	131	175	219
	BLD & JMB	27	54	82	109	136	
	72	BLADE	53	105	158	210	263
	BLD & JMB	33	65	98	131	163	
	84	BLADE	61	123	184	245	306
	BLD & JMB	38	76	114	152	190	
	96	BLADE	70	140	210	280	350
	BLD & JMB	44	87	131	174	218	

Openings that require multiple louver panels in both width & height will require internal structural supports. It is recommended that large openings be divided with structural members so the louvers will span either width or height with a single panel. Unusually high wind loads may require structural supports on non-multiple wide and multiple high assemblies. Structural supports and mounting accessories are not supplied as a standard.

		WIDTH					
		SEALS	12	24	36	48	60
HEIGHT	12	BLADE	6	9	14	16	18
	BLD & JMB	8	11	17	20	23	
	24	BLADE	11	17	26	31	36
	BLD & JMB	14	21	33	39	45	
	36	BLADE	14	36	53	62	72
	BLD & JMB	18	42	66	78	90	
	48	BLADE	22	50	79	94	108
	BLD & JMB	27	63	99	117	135	
	60	BLADE	29	67	106	125	144
	BLD & JMB	36	84	132	156	180	
	72	BLADE	36	84	132	156	180
	BLD & JMB	45	105	165	195	225	
	84	BLADE	43	100	158	187	216
	BLD & JMB	54	125	198	234	270	
	96	BLADE	50	116	185	218	252
	BLD & JMB	63	145	231	273	315	