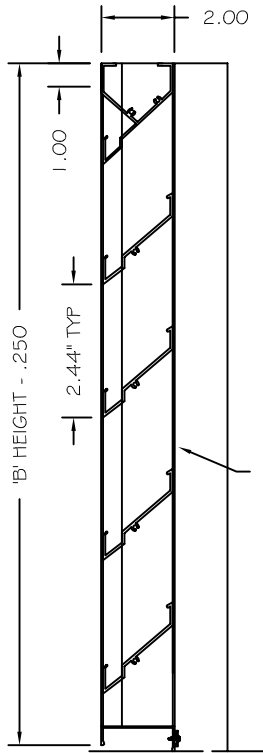


AIRLINE LOUVERS

LSA2D45

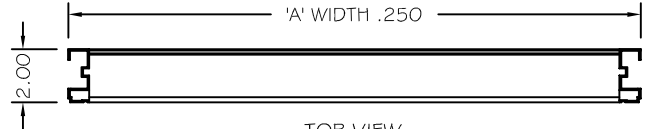
- 2.00" CHANNEL FRAME
- 45° ANGLE DRAINABLE BLADE
- EXTRUDED ALUMINUM 6063-T5 ALLOY
- MATERIAL THICKNESS - NOMINAL
.062" FRAME .062" BLADE
- 20 psf WINDLOAD
- STAINLESS STEEL HARDWARE
- FINISH:
 - CLEAR ANODIZED
 - BAKED ENAMEL
 - SCREENS (OPTIONAL)
REF: SCREEN SUBMITTAL
 - MILL ALUMINUM
 - COLOR ANODIZED
 - KYNAR 500
- EXPOSED MULLION (AS REQUIRED):
- ONE PIECE CONSTRUCTION SIZE
MINIMUM: 12" x 12"
MAXIMUM: 120" x 90"



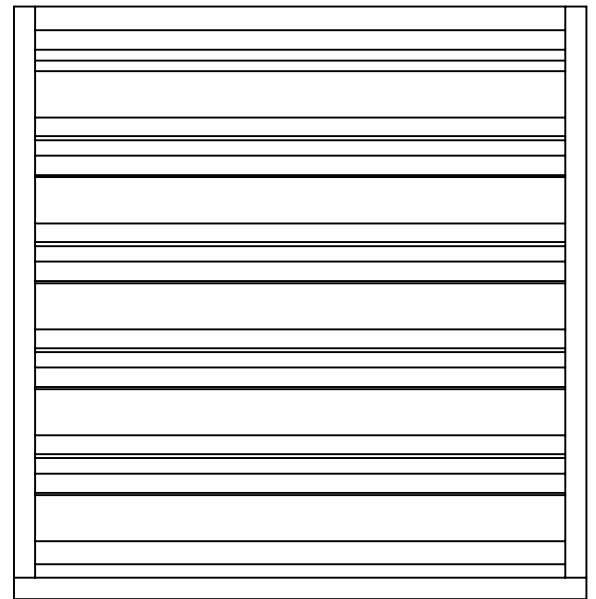
SECTION VIEW
NOT TO SCALE

PLEASE NOTE:
Louvers will not perform as Certified by AMCA using (Architectural Style) Concealed Mullions. Visible Mullions at a Spacing of 120" or Less is Recommended.

HIDDEN VERTICAL BLADE SUPPORT



TOP VIEW
NOT TO SCALE



FRONT VIEW
NOT TO SCALE

LSA2D45

ITEM	QTY	MODEL		WALL OPENING		OPTIONAL ACCESSORIES				OPERATOR TYPE	IDENTIFICATION/LOCATION	
		STYLE	FLANGE	'A' WIDTH	'B' HEIGHT	EXTERIOR MOUNTED SCREEN	EXTENDED SILL	U-FRAMED SCREENS	EXPOSED MULLION LOCATION			
									VERT	HORZ		

AIRLINE
LOUVERS
A NYSTROM BUILDING PRODUCTS COMPANY

Toll-Free: 800-547-2635

Fax: 800-317-8770

Internet: www.airlinelouvers.com

e-mail: info@airlinelouvers.com

PROJECT:

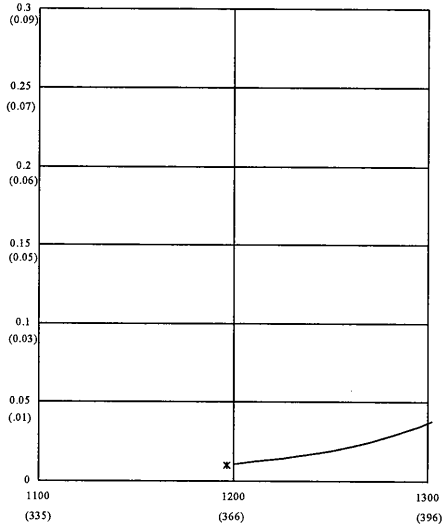
CONTRACTOR:

ARCHITECT:

DRAWN BY: CMR	REV. DATE: 03-03	QUANTITY:	DATE:	TITLE: LSA2D45
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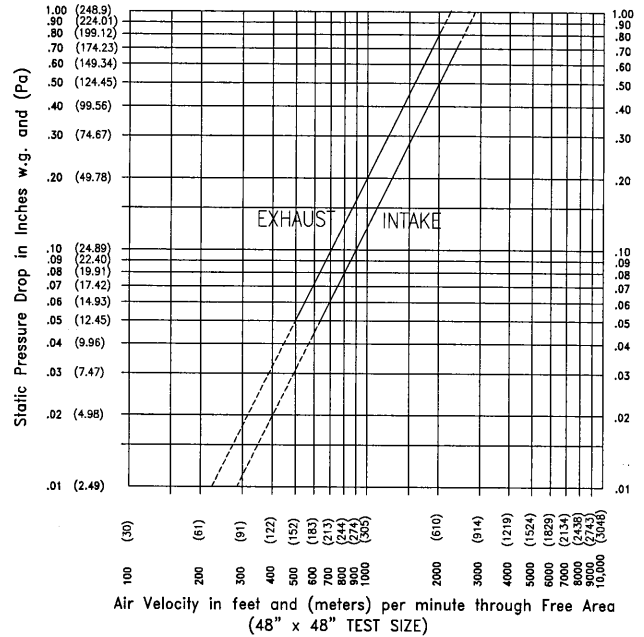
OZ. WATER/FT² (ML WATER/M²) OF FREE AREA
15 MINUTE TEST PERIOD

WATER PENETRATION
BEGINNING POINT OF WATER PENETRATION AT .01 OZ./SQ. FT.
IS 1197 FPM (365 M/MIN.)



FREE AREA VELOCITY IN FEET (METERS) PER MINUTE STANDARD AIR .075 LB/FT² (1.2 KG/M³) (48" x 48" TEST SIZE)

PRESSURE DROP



Airline Louvers certifies that the LSA2D45 shown herein are 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 only.

FREE AREA GUIDE
FREE AREA GUIDE SHOWS FREE AREA IN FT² AND M² FOR VARIOUS SIZES OF LSA2D45.
WIDTH - INCHES AND METERS

HEIGHT - INCHES AND METERS

	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
12	0.30	0.46	0.61	0.76	0.91	1.07	1.22	1.37	1.52	1.68	1.83	1.98	2.13	2.29	2.44	2.59	2.74	2.90	3.05
0.30	0.30	0.47	0.65	0.82	0.99	1.16	1.33	1.51	1.68	1.85	2.02	2.19	2.37	2.54	2.71	2.88	3.05	3.23	3.40
18	0.03	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.16	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.28	0.30	0.32
0.46	0.53	0.84	1.14	1.45	1.75	2.05	2.36	2.66	2.97	3.27	3.58	3.88	4.18	4.49	4.79	5.10	5.40	5.71	6.01
0.06	0.05	0.08	0.11	0.13	0.16	0.19	0.22	0.25	0.28	0.30	0.33	0.36	0.39	0.42	0.45	0.47	0.50	0.53	0.56
24	0.66	1.04	1.42	1.79	2.17	2.55	2.93	3.31	3.68	4.06	4.44	4.82	5.19	5.57	5.95	6.33	6.71	7.08	7.46
0.61	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.59	0.62	0.66	0.69
30	0.89	1.40	1.91	2.42	2.93	3.44	3.95	4.46	4.97	5.48	5.99	6.50	7.01	7.52	8.03	8.54	9.05	9.56	10.07
0.76	0.08	0.13	0.18	0.23	0.27	0.32	0.37	0.42	0.46	0.51	0.56	0.60	0.65	0.70	0.75	0.79	0.84	0.89	0.94
36	1.02	1.60	2.19	2.77	3.36	3.94	4.52	5.11	5.69	6.27	6.86	7.44	8.02	8.61	9.19	9.77	10.36	10.94	11.52
0.91	0.09	0.15	0.20	0.26	0.31	0.37	0.42	0.47	0.53	0.58	0.64	0.69	0.75	0.80	0.85	0.91	0.96	1.02	1.07
42	1.25	1.97	2.68	3.40	4.12	4.83	5.55	6.26	6.98	7.70	8.41	9.13	9.84	10.56	11.27	11.99	12.71	13.42	14.14
1.07	0.12	0.18	0.25	0.32	0.38	0.45	0.52	0.58	0.65	0.72	0.78	0.85	0.92	0.98	1.05	1.12	1.18	1.25	1.31
48	1.38	2.17	2.96	3.75	4.54	5.33	6.12	6.91	7.70	8.48	9.27	10.06	10.85	11.64	12.43	13.22	14.01	14.80	15.59
1.22	0.13	0.20	0.28	0.35	0.42	0.50	0.57	0.64	0.72	0.79	0.86	0.94	1.01	1.08	1.16	1.23	1.30	1.38	1.45
54	1.61	2.53	3.46	4.38	5.30	6.22	7.14	8.06	8.99	9.91	10.83	11.75	12.67	13.59	14.51	15.44	16.36	17.28	18.20
1.37	0.15	0.24	0.32	0.41	0.49	0.58	0.66	0.75	0.84	0.92	1.01	1.09	1.18	1.26	1.35	1.44	1.52	1.61	1.69
60	1.74	2.74	3.73	4.73	5.72	6.72	7.71	8.71	9.70	10.70	11.69	12.69	13.68	14.68	15.67	16.67	17.66	18.66	19.65
1.52	0.16	0.25	0.35	0.44	0.53	0.62	0.72	0.81	0.90	0.99	1.09	1.18	1.27	1.36	1.46	1.55	1.64	1.74	1.83
66	1.97	3.10	4.23	5.35	6.48	7.61	8.74	9.86	10.99	12.12	13.25	14.37	15.50	16.63	17.76	18.88	20.01	21.14	22.26
1.68	0.18	0.29	0.39	0.50	0.60	0.71	0.81	0.92	1.02	1.13	1.23	1.34	1.44	1.55	1.65	1.76	1.86	1.97	2.07
72	2.20	3.46	4.72	5.98	7.24	8.50	9.76	11.02	12.28	13.54	14.80	16.06	17.32	18.58	19.84	21.10	22.36	23.62	24.88
1.83	0.21	0.32	0.44	0.56	0.67	0.79	0.91	1.03	1.14	1.26	1.38	1.49	1.61	1.73	1.85	1.96	2.08	2.20	2.31
78	2.33	3.67	5.00	6.33	7.67	9.00	10.33	11.66	13.00	14.33	15.66	17.00	18.33	19.66	21.00	22.33	23.66	25.00	26.33
1.98	0.22	0.34	0.46	0.59	0.71	0.84	0.96	1.08	1.21	1.33	1.46	1.58	1.70	1.83	1.95	2.08	2.20	2.32	2.45
84	2.56	4.03	5.50	6.96	8.43	9.89	11.36	12.82	14.29	15.75	17.22	18.68	20.15	21.61	23.08	24.55	26.01	27.48	28.94
2.13	0.24	0.37	0.51	0.65	0.78	0.92	1.06	1.19	1.33	1.47	1.60	1.74	1.87	2.01	2.15	2.28	2.42	2.56	2.69
90	2.69	4.23	5.77	7.31	8.85	10.39	11.93	13.46	15.00	16.54	18.08	19.62	21.16	22.70	24.24	25.78	27.31	28.85	30.39
2.29	0.25	0.39	0.54	0.68	0.82	0.97	1.11	1.25	1.40	1.54	1.68	1.82	1.97	2.11	2.25	2.40	2.54	2.68	2.83