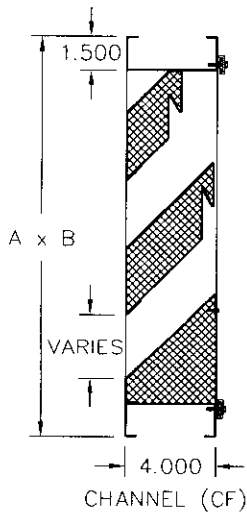
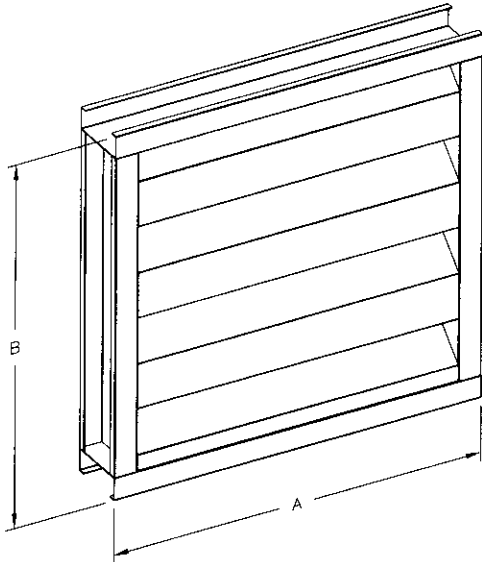


# 4ACC



**STANDARD CONSTRUCTION**

- 4" DEEP .100" THICK EXTRUDED ALUMINUM FRAME, 6063-T5 ALLOY.
- .060" THICK ALUMINUM BLADES WITH .040 PERFORATED ALUMINUM INTERIOR SURFACE THAT COVERS INSULATION. POSITIONED AT 45° ANGLE AND SPACED APPROXIMATELY 6" CENTER TO CENTER.
- INSULATION RUSKATHERM BLANKET.
- .750 x .051" EXPANDED, FLATTENED ALUMINUM BIRD SCREEN IN REMOVABLE FRAME (WBS-1).

**MODEL SIZES**

- MINIMUM SIZE: 12" x 12"
- MAXIMUM SIZE: (SINGLE SECTION) 96" x 96"

NOTE: LOUVERS LARGER THAN THE MAXIMUM SINGLE SECTION SIZE WILL REQUIRE FIELD ASSEMBLY OF SMALLER SECTIONS.

**PRODUCT FEATURES**

- 29% FREE AREA BASED ON 48" x 48" UNIT.
- INSULATED BLADES WHICH PROVIDE EFFECTIVE SOUND ATTENUATION AND WEATHER PROTECTION.
- ARCHITECTURALLY STYLED, PLEASING APPEARANCE.
- PUBLISHED PERFORMANCE RATINGS BASED ON TESTING IN ACCORDANCE WITH AMCA PUBLICATION 511.

**MODEL OPTIONS**

- EXTENDED SILL
- FRONT OR REAR SECURITY BARS
- FILTER RACKS
- INSECT/BIRD SCREENS (REFERENCE SCREEN SUBMITTAL)

**FINISHES**

- PRIME COAT
- BAKED ENAMEL (MODIFIED FLOUROPOLYMER)
- KYNAR
- CLEAR ANODIZE
- COLOR ANODIZE (SOME VARIATION IN ANODIZE COLOR CONSISTENCY IS POSSIBLE)

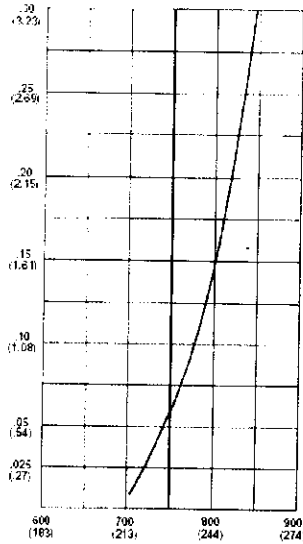
TAG	QTY	ACTUAL SIZE		FRAME
		WIDTH (A)	HEIGHT (B)	

<b>PROJECT:</b>	<b>LOCATION:</b>
<b>ARCH./ENGR.:</b>	<b>CONTRACTOR:</b>
<b>REPRESENTATIVE:</b>	<b>DATE:</b>

ALL STATED SPECIFICATIONS ARE SUBJECT TO CHANGE WITH OUT NOTICE OR OBLIGATION.

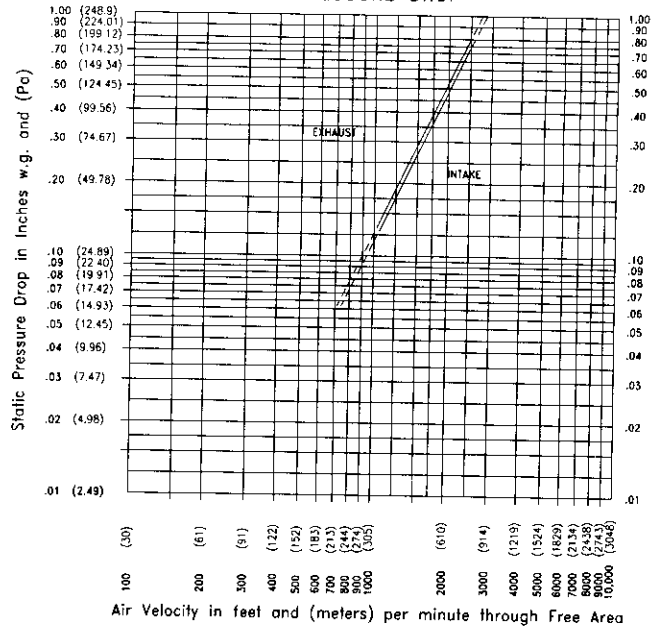
**WATER PENETRATION**  
 BEGINNING POINT OF WATER PENETRATION AT .01 OZ./SQ. FT.  
 IS 703 FPM (214 M/MIN.)

OZ. WATER/FT<sup>2</sup>(ML WATER/M<sup>2</sup>) OF FREE AREA  
 15 MINUTE TEST PERIOD



FREE AREA VELOCITY IN FEET (METERS) PER MINUTE STANDARD  
 AIR .075 LB/FT<sup>3</sup> (1.2 KG/M<sup>3</sup>) (48" x 48" TEST SIZE)

**PRESSURE DROP**



Airline Louvers certifies that the 4ACC louvers 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.

Octave Band Frequency (Hz)	Free Field Noise Reduction (db) Ruskathem Blanket
1-63	9
2-125	11
4-250	9
4-500	11
5-1000	15
6-2000	17
7-4000	16
8-8000	16

To calculate Transmission Loss (db), subtract 6 db from Free Field Noise Reduction (db)

**FREE AREA GUIDE**  
 FREE AREA GUIDE SHOWS FREE AREA IN FT<sup>2</sup> AND M<sup>2</sup> FOR VARIOUS SIZES  
 WIDTH - INCHES AND METERS

HEIGHT - INCHES AND METERS

	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
18	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	2.28	2.44
0.46	0.02	0.04	0.06	0.07	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.25
24	0.40	0.66	0.93	1.19	1.46	1.72	1.99	2.12	2.39	2.65	2.92	3.18	3.45	3.71	3.98
0.61	0.04	0.06	0.09	0.11	0.14	0.16	0.18	0.20	0.22	0.25	0.27	0.30	0.32	0.35	0.37
30	0.53	0.88	1.24	1.59	1.94	2.30	2.65	2.83	3.18	3.54	3.89	4.24	4.60	4.95	5.30
0.76	0.05	0.08	0.12	0.15	0.18	0.21	0.25	0.26	0.30	0.33	0.36	0.39	0.43	0.46	0.49
36	0.66	1.10	1.55	1.99	2.43	2.87	3.31	3.54	3.98	4.42	4.86	5.30	5.74	6.19	6.63
0.91	0.06	0.10	0.14	0.19	0.23	0.27	0.31	0.33	0.37	0.41	0.45	0.49	0.53	0.58	0.62
42	0.80	1.33	1.86	2.39	2.92	3.46	3.98	4.24	4.77	5.30	5.83	6.36	6.89	7.42	7.95
1.07	0.03	0.05	0.07	0.09	0.11	0.14	0.16	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31
48	0.93	1.55	2.17	2.78	3.40	4.02	4.75	4.95	5.57	6.19	6.80	7.42	8.08	8.66	9.28
1.22	0.09	0.14	0.20	0.26	0.32	0.37	0.44	0.46	0.52	0.58	0.63	0.69	0.75	0.81	0.86
54	1.06	1.77	2.47	3.18	3.89	4.60	5.30	5.66	6.36	7.07	7.78	8.48	9.19	9.90	10.61
1.37	0.10	0.16	0.23	0.30	0.36	0.43	0.49	0.53	0.59	0.66	0.72	0.79	0.85	0.92	0.99
60	1.19	1.99	2.78	3.58	4.37	5.17	5.97	6.36	7.16	7.95	8.75	9.54	10.34	11.14	11.93
1.52	0.11	0.19	0.26	0.33	0.41	0.48	0.56	0.59	0.67	0.74	0.81	0.89	0.96	1.04	1.11
66	1.13	2.21	3.09	3.98	4.86	5.74	6.63	7.07	7.95	8.84	9.72	10.61	11.49	12.37	13.26
1.68	0.01	0.21	0.29	0.37	0.45	0.53	0.62	0.66	0.74	0.82	0.90	0.99	1.07	1.15	1.23
72	1.46	2.43	3.40	4.37	5.35	6.32	7.29	7.78	8.75	9.72	10.69	11.67	12.64	13.61	14.58
1.83	0.14	0.23	0.32	0.41	0.50	0.59	0.68	0.72	0.81	0.90	0.99	1.09	1.18	1.27	1.36
78	1.59	2.65	3.71	4.77	5.83	6.89	7.95	8.48	9.54	10.61	11.67	12.73	13.79	14.85	15.91
1.98	0.15	0.25	0.35	0.44	0.54	0.64	0.74	0.79	0.89	0.99	1.09	1.18	1.28	1.38	1.48
84	1.72	2.87	4.02	5.17	6.32	7.47	8.62	9.19	10.34	11.49	12.64	13.79	14.94	16.08	17.23
2.13	0.16	0.27	0.37	0.48	0.59	0.69	0.80	0.85	0.96	1.07	1.18	1.28	1.39	1.50	1.60
90	1.86	3.09	4.33	5.57	6.80	8.04	9.28	9.90	11.14	12.37	13.61	14.85	16.08	17.32	18.56
2.29	0.17	0.29	0.40	0.52	0.63	0.75	0.86	0.92	1.04	1.15	1.27	1.38	1.50	1.61	1.73
96	1.99	3.31	4.64	5.97	7.29	8.69	9.94	10.61	11.93	13.26	14.58	15.91	17.23	18.56	19.88
2.44	0.19	0.31	0.43	0.56	0.68	0.81	0.92	0.99	1.11	1.23	1.36	1.48	1.60	1.73	1.85

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