

LOUVERS

MODEL K6-AFBL

AIRFOIL ARCHITECTURAL LOUVER

(69% Free Area)

STANDARD CONSTRUCTION

FRAME

Extruded aluminum 2.0mm (0.078") nominal wall thickness and 152mm (6") depth

BLADES

Airfoil blade, Extruded aluminum, 2.0mm (0.078") nominal wall thickness

BLADE CENTERS:

127mm (5") Maximum centers at head & sills, deflected 11°
Corrosion resistant steel fasteners used at assembly.

FLANGE:

25mm flange can be added (K6-AFBL-F model) (optional)

SCREEN:

- Galvanized bird screen (standard)
- Aluminum bird screen
- Stainless steel bird screen
- Galvanized insect screen
- Aluminum insect screen
- Stainless steel insect screen

FINISH:

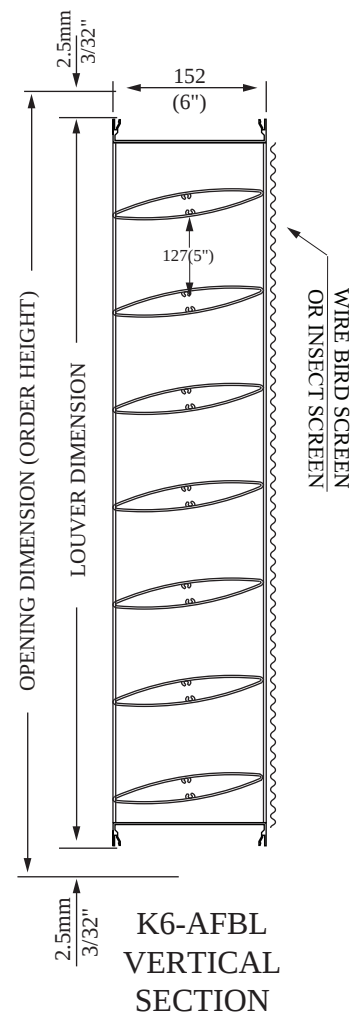
- Mill Finish (standard)
- Anodize
- All RAL colors

SIZES:

Minimum width: 12"
Minimum height: 18"
Maximum single section:
Width 144" x Height 92"
Width 92" x Height 144"
Maximum single section area: 13248 in²
Multiple section: Unlimited

N.B: 5mm clearance is deducted from your order size.

For more information please consult our engineers.

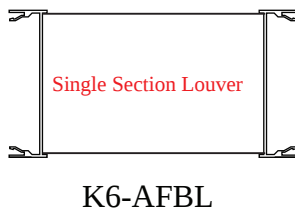
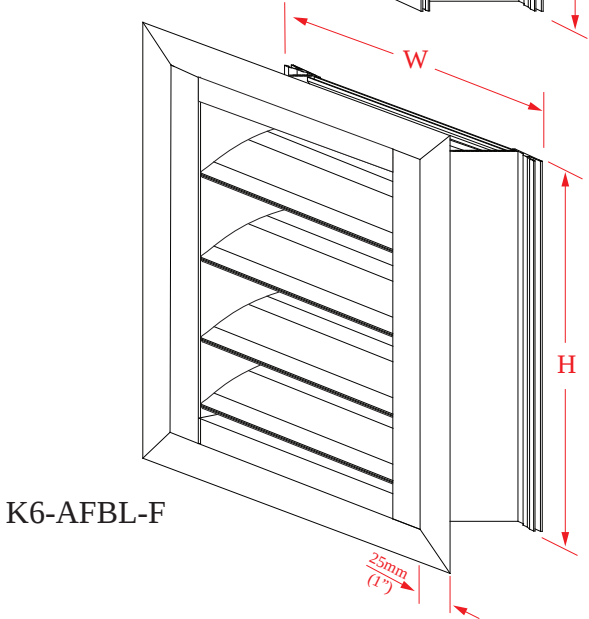
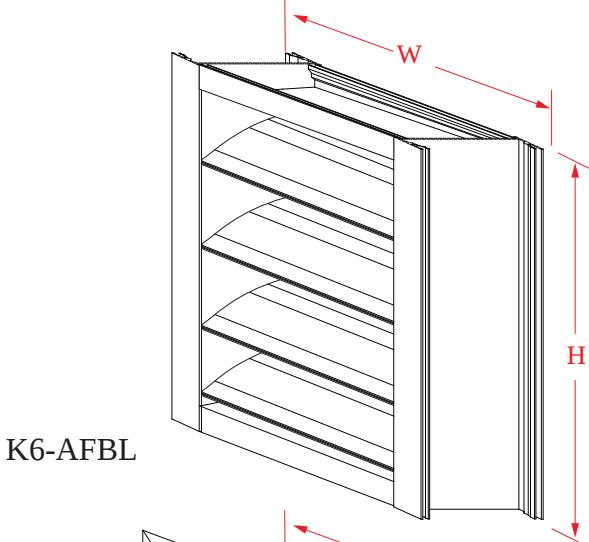
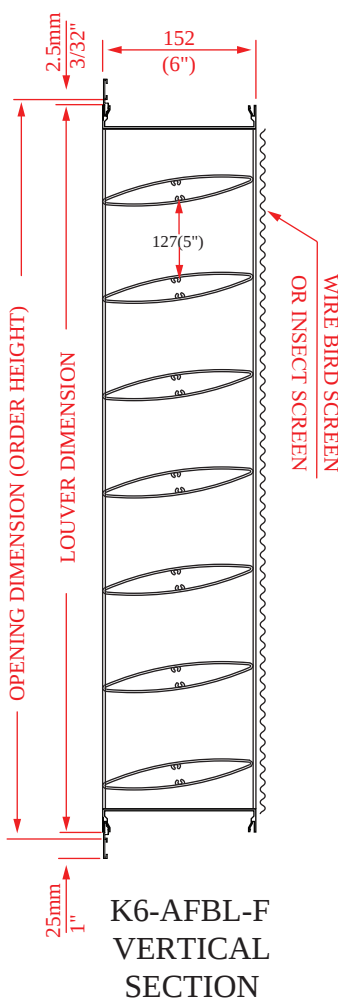
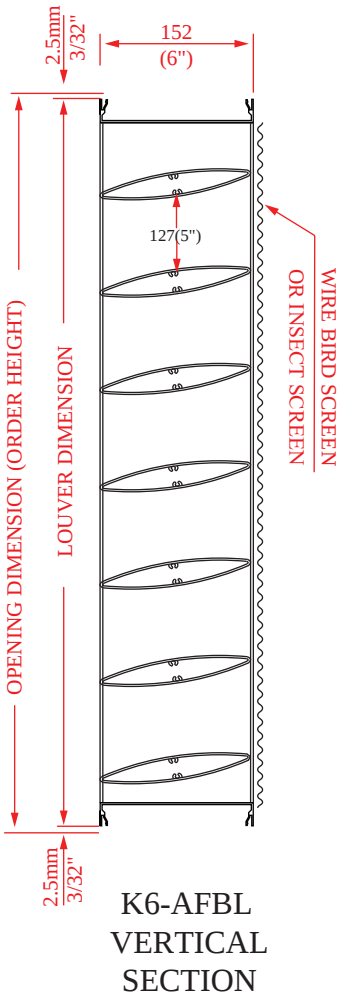


LOUVERS

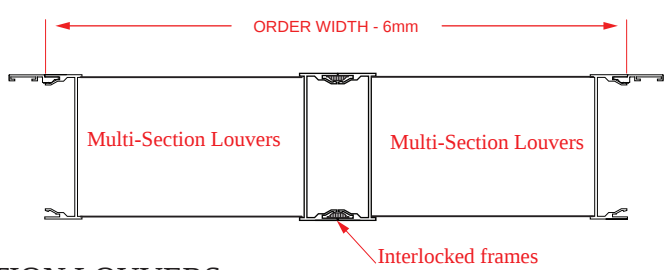
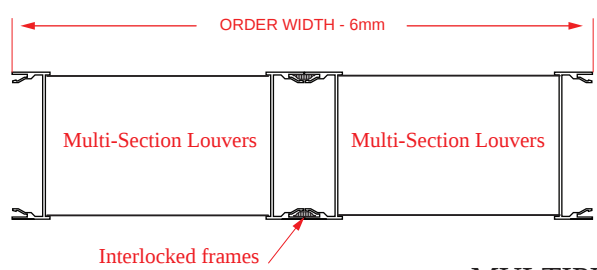
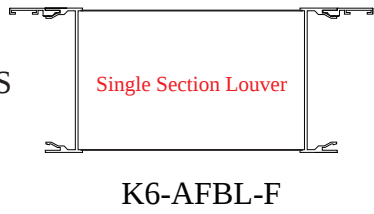
MODEL K6-AFBL

AIRFOIL ARCHITECTURAL LOUVER

ILLUSTRATIONS



HORIZONTAL SECTIONS

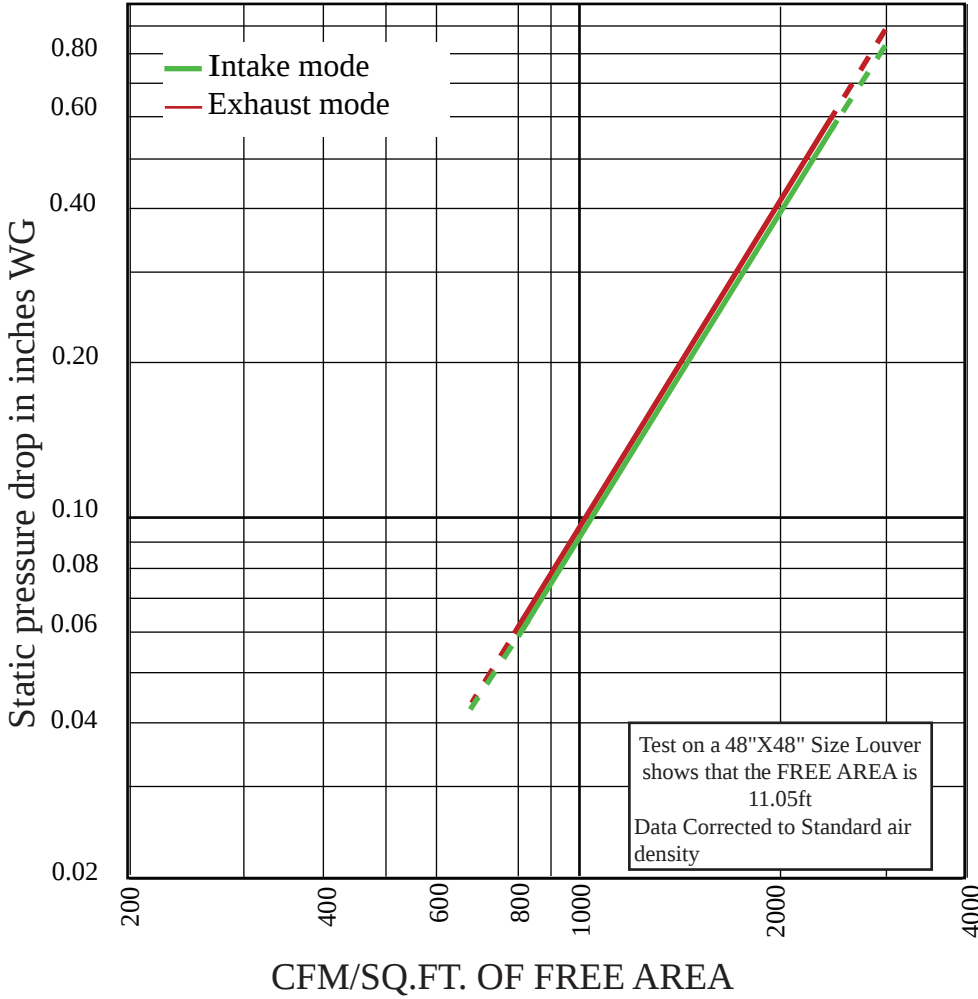
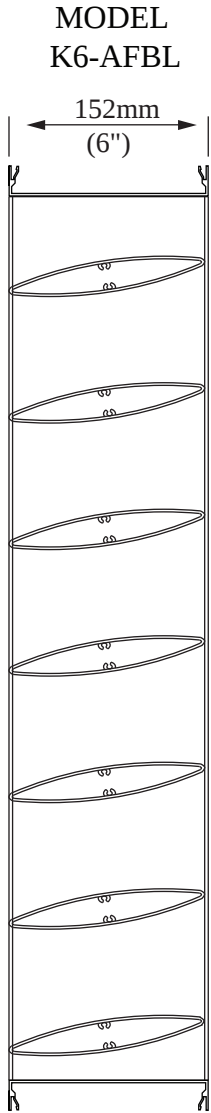


MULTIPLE SECTION LOUVERS

LOUVERS

MODEL K6-AFBL

AIR PERFORMANCE



FREE AREA CALCULATIONS ARE BASED ON TEST UNITS WITHOUT BIRD SCREEN
TEST CONDUCTED According to AMCA-500-L Fig 5.5

FREE AREA IN SQ. FT.
WIDTH

Inch	12	18	24	30	36	42	48	54	60	66	72	78	84	90	92	96	102	108	114	120	126	132	138	144
12	0.52	0.84	1.15	1.47	1.78	2.09	2.41	2.72	3.04	3.35	3.67	3.98	4.29	4.61	4.71	4.92	5.24	5.55	5.86	6.18	6.49	6.81	7.12	7.44
18	0.84	1.34	1.85	2.35	2.85	3.36	3.86	4.37	4.87	5.37	5.88	6.38	6.88	7.39	7.56	7.89	8.40	8.90	9.40	9.91	10.41	10.91	11.42	11.92
24	1.14	1.82	2.50	3.19	3.87	4.55	5.23	5.92	6.60	7.28	7.96	8.65	9.33	10.01	10.24	10.69	11.38	12.06	12.74	13.42	14.11	14.79	15.47	16.15
30	1.45	2.33	3.20	4.07	4.94	5.81	6.69	7.56	8.43	9.30	10.17	11.05	11.92	12.79	13.08	13.66	14.53	15.41	16.28	17.15	18.02	18.90	19.77	20.64
36	1.77	2.83	3.89	4.95	6.02	7.08	8.14	9.20	10.26	11.32	12.39	13.45	14.51	15.57	15.93	16.63	17.69	18.76	19.82	20.88	21.94	23.00	24.06	25.13
42	2.09	3.34	4.59	5.84	7.09	8.34	9.60	10.85	12.10	13.35	14.60	15.85	17.11	18.36	18.78	19.61	20.86	22.11	23.36	24.62	25.87	27.12	28.37	29.62
48	2.40	3.84	5.28	6.73	8.17	9.61	11.05	12.49	13.93	15.37	16.81	18.26	19.70	21.14	21.62	22.58	24.02	25.46	26.90	28.34	29.79	31.23	32.67	34.11
54	2.70	4.32	5.94	7.56	9.18	10.80	12.42	14.04	15.66	17.28	18.90	20.52	22.14	23.76	24.30	25.38	27.00	28.62	30.24	31.86	33.48	35.10	36.72	38.34
60	3.02	4.83	6.64	8.44	10.25	12.06	13.87	15.68	17.49	19.30	21.11	22.92	24.73	26.54	27.14	28.35	30.16	31.97	33.78	35.59	37.40	39.21	41.02	42.83
66	3.33	5.33	7.33	9.33	11.33	13.33	15.33	17.33	19.33	21.32	23.32	25.32	27.32	29.32	29.99	31.32	33.32	35.32	37.32	39.32	41.32	43.32	45.31	47.31
72	3.65	5.84	8.03	10.22	12.41	14.59	16.78	18.97	21.16	23.35	25.54	27.73	29.92	32.11	32.84	34.30	36.49	38.68	40.86	43.05	45.24	47.43	49.62	51.81
78	3.96	6.34	8.72	11.10	13.48	15.86	18.24	20.62	22.99	25.37	27.75	30.13	32.51	34.89	35.68	37.27	39.65	42.02	44.40	46.78	49.16	51.54	53.92	56.30
84	4.26	6.82	9.38	11.94	14.49	17.05	19.61	22.17	24.72	27.28	29.84	32.40	34.95	37.51	38.36	40.07	42.63	45.18	47.74	50.30	52.86	55.41	57.97	60.53
90	4.58	7.33	10.07	12.82	15.57	18.31	21.06	23.81	26.56	29.30	32.05	34.80	37.54	40.29	41.21	43.04	45.78	48.53	51.28	54.03	56.77	59.52	62.27	65.01
92	4.69	7.50	10.32	13.13	15.95	18.76	21.58	24.39	27.20	30.02	32.83	35.65	38.46	41.27	42.21	44.09	46.90	49.72	52.53	55.35	58.16	60.97	63.79	66.60
96	4.89	7.83	10.77	13.70	16.64	19.58	22.51	25.45	28.39	31.32	34.26	37.20	40.13	43.07	44.05									
102	5.21	8.34	11.46	14.59	17.72	20.84	23.97	27.10	30.22	33.35	36.48	39.60	42.73	45.86	46.90									
108	5.53	8.84	12.16	15.48	18.79	22.11	25.42	28.74	32.06	35.37	38.69	42.01	45.32	48.64	49.74									
114	5.83	9.32	12.82	16.31	19.81	23.30	26.80	30.29	33.79	37.28	40.78	44.27	47.77	51.26	52.43									
120	6.14	9.83	13.51	17.19	20.88	24.56	28.25	31.93	35.62	39.30	42.99	46.67	50.36	54.04	55.27									
126	6.46	10.33	14.21	18.08	21.95	25.83	29.70	33.58	37.45	41.32	45.20	49.07	52.95	56.82	58.11									
132	6.77	10.84	14.90	18.97	23.03	27.09	31.16	35.22	39.29	43.35	47.42	51.48	55.54	59.61	60.96									
138	7.09	11.34	15.60	19.85	24.10	28.36	32.61	36.87	41.12	45.37	49.63	53.88	58.13	62.39	63.81									
144	7.39	11.82	16.25	20.69	25.12	29.55	33.98	38.42	42.85	47.28	51.71	56.15	60.58	65.01	66.49									

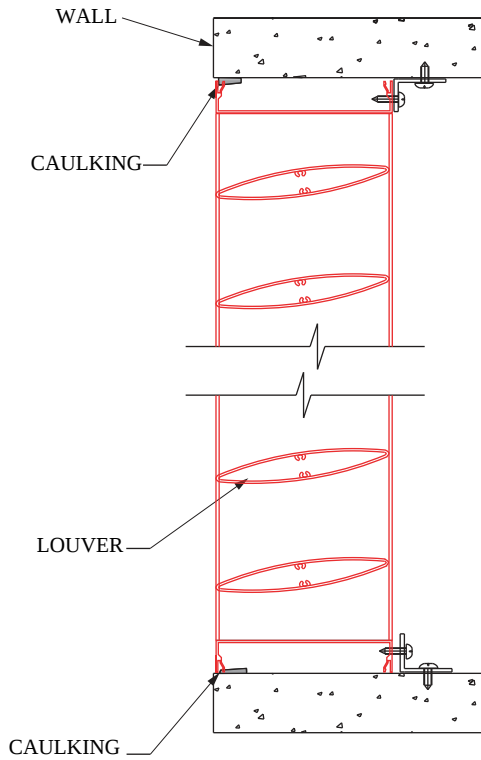
PERFORMANCE TESTING
IN ACCORDANCE WITH
AMCA 500-L Std.

LOUVERS

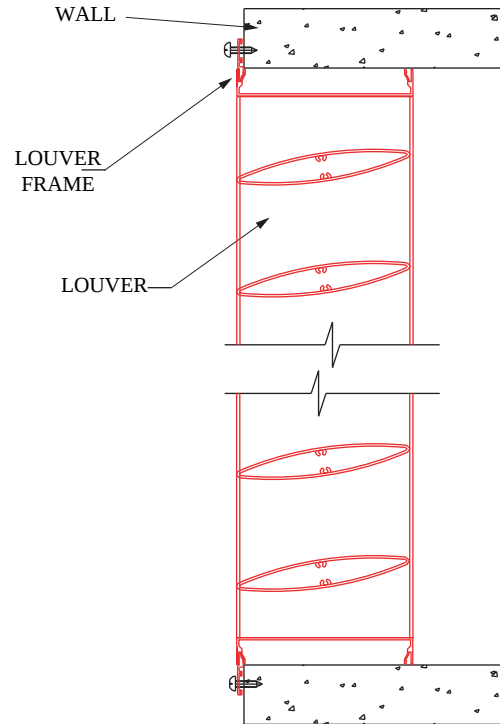
MODEL K6-AFBL

TYPICAL INSTALLATION DETAILS

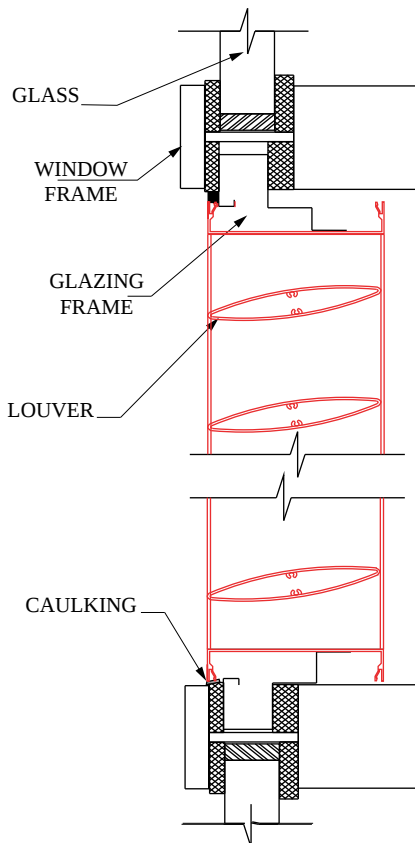
**MASONRY WALL
INSTALLATION**



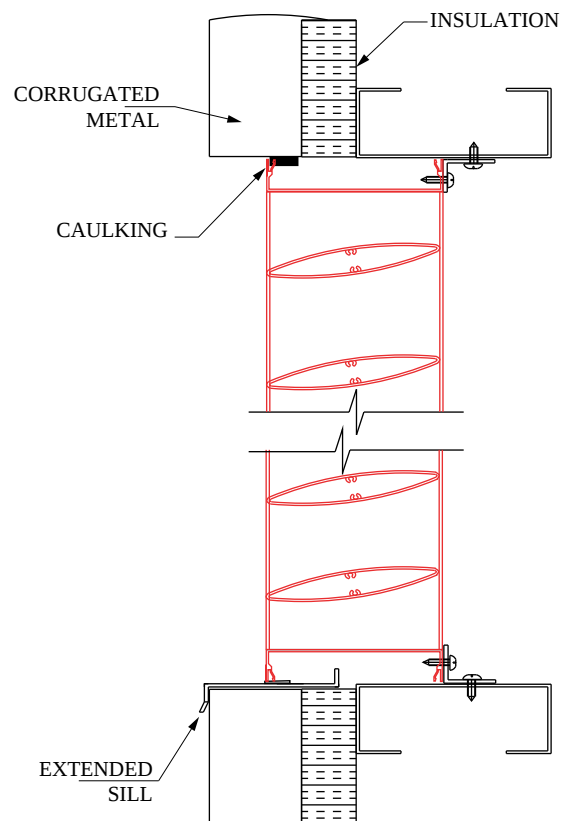
FLANGE MOUNT



**GLAZING FRAME
INSTALLATION**



**METAL PANEL
INSTALLATION**



LOUVERS

MODEL K6-AFBL

ORDERING INFORMATION

MODEL	FLANGE	SCREEN	FINISH	WIDTH	HEIGHT
K6-AFBL	-	--	-	--	x --
	↑	↑	↑	↑	↑
	-- : Without flange (Std) F: With 25mm flange	--: Mill Finish (STD) RAL"num" : Any Ral color		12"	18"
	--: No Screen (Standard) BSAL: with Aluminum bird screen BSGI: with Galvanized bird screen BSSS: with Stainless Steel bird screen ISAL: with Aluminum insect screen ISGI: with Galvanized insect screen ISSS: with Stainless Steel insect screen				

• Sizes:

- Minimum size: 12"x18"
- Maximum size: 144"x92"
92"x144"

•N.B: A 5mm clearance is deducted from your order size.

For more information please consult our engineers.