

MODEL FL-D-6.1

HIGH PERFORMANCE 6" FIXED LOUVER

STANDARD CONSTRUCTION:

Frame: .125" Extruded Aluminum, 6.20" Deep

Blade: .081 Extruded Aluminum positioned on a 37° angle on approximately 4.64" centers

Birdscreen: .50" x .050" Flattened Aluminum in removable frame. Screen is mounted as standard on inside (rear) as looking from exterior of building.

Finish: Mill Aluminum (Std.)

Minimum Size: 12 x12

Maximum Single Section: 84"w x 120"h or 120"w x 84"h

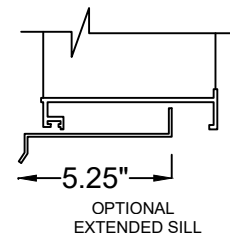
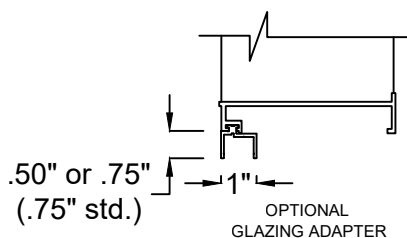
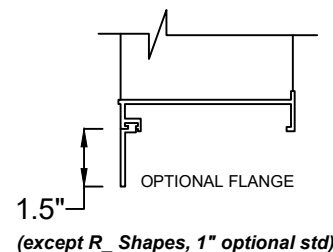
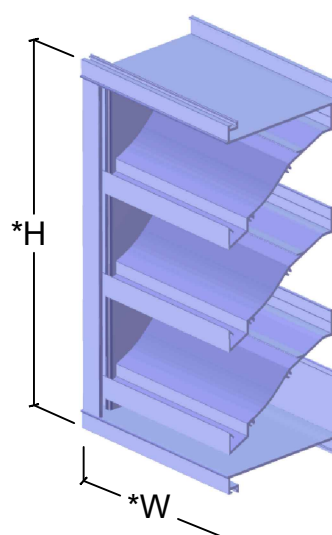
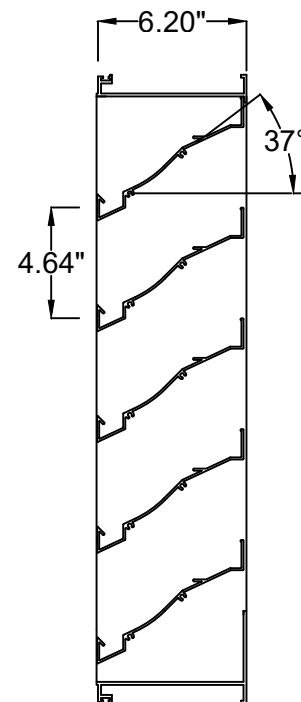
Note: 10' Max Width

OPTIONS:

- ☐ Flanged Frame (1.50" std.), (1" std for shapes R_)
- ☐ Custom Flange (1", 2" , or 3"), (1.5", 2", or 3" for shapes R_)
- ☐ Glazing Adapter (.50" or .75")
- ☐ Extended Sill
- ☐ .125" Blades
- ☐ Insect Screen (Other Screens Available, See Screen Page)
- ☐ Filter Racks (no screen)
- ☐ Security Bars
- ☐ Hinged Sub Frame
- ☐ Welded Construction (Wind Load +/- 50 psf)
- ☐ Blank-off, Alum., non-insulated, no screen, non-removeable
- ☐ Blank-off, Alum., non-insulated, with bird screen or insect screen
- ☐ Blank-off, Alum., insulated double wall, with bird screen, removable
- ☐ Blank-off, Alum., insulated double wall, no screen, non-removeable

Available Finishes:

- ☐ Durable Polyester (AAMA 2604)
- ☐ 70% PVDF Fluoropolymer (AAMA 2605)
- ☐ Yellow Primer
- ☐ Clear Anodize



*Width and Height dimensions are approximately 1/4" under listed size.

Due to continuing research, S&P reserves the right to change specifications without notice.



MODEL FL-D-6.1 (Drainable Blade w/ Jamb Gutters and Downspouts)

DRAWN BY:	DATE:	REV. DATE:	REV. NO.	APPROVED BY:	DWG. NO.:
CLJ	April 2010	March 2026	2		A-3

SUGGESTED SPECIFICATION

Furnish and install louvers as hereinafter specified where shown on plans or as described in schedules. Louvers shall be stationary drainable type with drain gutters in each blade and downspouts in jambs and mullions. Stationary drainable blades shall be contained within a 6.20" frame. Louver components (heads, jambs, sills, blades, and mullions) shall be factory assembled by the louver manufacturer. Louver sizes too large for shipping shall be built up by the contractor from factory assembled louver sections to provide overall sizes required. Louver design shall incorporate structural supports required to withstand a wind load of 30 lbs. Per sq. ft. (equivalent of a 110 mph wind), S&P Model FL-D-6.1.

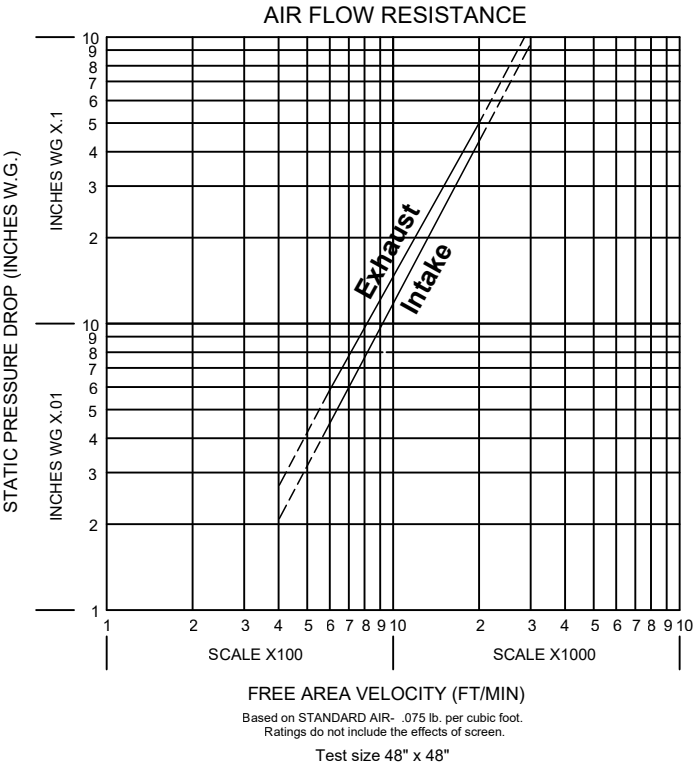
*50 PSF Rating available.

PERFORMANCE DATA

Beginning point of WATER PENETRATION
lies above

1250 fpm

free area velocity at .01 oz. of water penetration



FL-D-6.1 FREE AREA IN SQ. FT.

Height - Inches	Width - Inches																			Louver Height Inches
	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	
12	0.24	0.39	0.54	0.69	0.83	0.98	1.13	1.28	1.43	1.58	1.73	1.87	2.02	2.17	2.32	2.47	2.62	2.76	2.91	12
18	0.47	0.76	1.05	1.34	1.63	1.92	2.21	2.51	2.80	3.09	3.38	3.67	3.96	4.25	4.54	4.83	5.12	5.41	5.70	18
24	0.70	1.14	1.57	2.00	2.43	2.86	3.30	3.73	4.16	4.59	5.03	5.46	5.89	6.32	6.76	7.19	7.62	8.05	8.49	24
30	0.93	1.51	2.08	2.66	3.23	3.81	4.38	4.95	5.53	6.10	6.68	7.25	7.83	8.40	8.98	9.55	10.12	10.70	11.27	30
36	1.16	1.88	2.60	3.31	4.03	4.75	5.46	6.18	6.90	7.61	8.33	9.05	9.76	10.48	11.19	11.91	12.63	13.34	14.06	36
42	1.63	2.63	3.63	4.63	5.63	6.63	7.63	8.63	9.63	10.63	11.63	12.63	13.63	14.63	15.63	16.63	17.63	18.63	19.63	42
48	1.86	3.00	4.14	5.28	6.43	7.57	8.71	9.85	11.00	12.14	13.28	14.42	15.57	16.71	17.85	18.99	20.14	21.28	22.42	48
54	2.09	3.37	4.66	5.94	7.22	8.51	9.79	11.08	12.36	13.65	14.93	16.22	17.50	18.78	20.07	21.35	22.64	23.92	25.21	54
60	2.32	3.74	5.17	6.60	8.02	9.45	10.88	12.30	13.73	15.16	16.58	18.01	19.44	20.86	22.29	23.71	25.14	26.57	27.99	60
66	2.55	4.12	5.69	7.25	8.82	10.39	11.96	13.53	15.10	16.66	18.23	19.80	21.37	22.94	24.51	26.08	27.64	29.21	30.78	66
72	2.78	4.49	6.20	7.91	9.62	11.33	13.04	14.75	16.46	18.17	19.88	21.59	23.30	25.02	26.73	28.44	30.15	31.86	33.57	72
78	3.01	4.86	6.72	8.57	10.42	12.27	14.12	15.98	17.83	19.68	21.53	23.39	25.24	27.09	28.94	30.80	32.65	34.50	36.35	78
84	3.47	5.61	7.74	9.88	12.02	14.15	16.29	18.43	20.56	22.70	24.84	26.97	29.11	31.25	33.38	35.52	37.65	39.79	41.93	84
90	3.70	5.98	8.26	10.54	12.82	15.09	17.37	19.65	21.93	24.21	26.49	28.77	31.04	33.32	35.60	37.88	40.16	42.44	44.71	90
96	3.93	6.35	8.77	11.19	13.61	16.04	18.46	20.88	23.30	25.72	28.14	30.56	32.98	35.40	37.82	40.24	42.66	45.08	47.50	96
102	4.16	6.73	9.29	11.85	14.41	16.98	19.54	22.10	24.66	27.23	29.79	32.35	34.91	37.48	40.04	42.60	45.16	47.73	50.29	102
108	4.39	7.10	9.80	12.51	15.21	17.92	20.62	23.33	26.03	28.73	31.44	34.14	36.85	39.55	42.26	44.96	47.67	50.37	53.07	108
114	4.63	7.47	10.32	13.16	16.01	18.86	21.70	24.55	27.40	30.24	33.09	35.94	38.78	41.63	44.48	47.32	50.17	53.01	55.86	114
120	4.86	7.84	10.83	13.82	16.81	19.80	22.79	25.78	28.76	31.75	34.74	37.73	40.72	43.71	46.69	49.68	52.67	55.66	58.65	120