

MODEL FL-D-2

HIGH PERFORMANCE 2" FIXED LOUVER

STANDARD CONSTRUCTION:

Frame: .060 Extruded Aluminum, 2.16" Deep

Blade: .060 Extruded Aluminum positioned on a 37° angle on approximately 1.47" 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 x 12

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

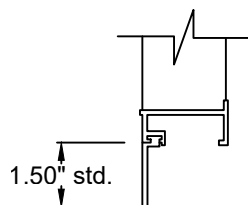
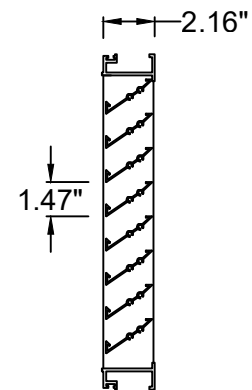
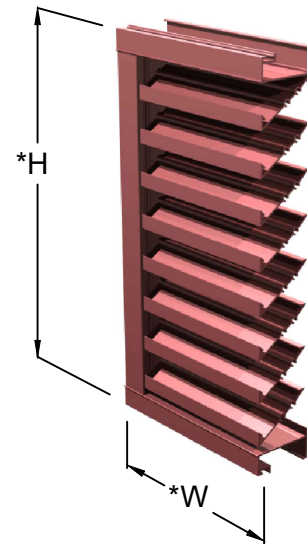
Note: 10' max width

OPTIONS:

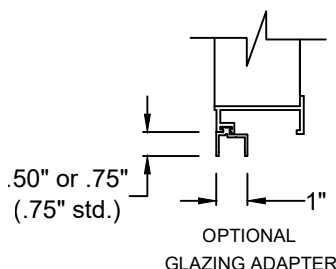
- ☐ Flanged Frame (1.50" std.), (1" std for shapes R_)
- ☐ Custom Flange (1", 2" , or 3"), (1.5", 2", or 3" for shapes R_)
- ☐ Extended Sill
- ☐ Glazing Adapter (.50" or .75")
- ☐ Insect Screen (Other Screens Available, See Screen Page)
- ☐ Filter Racks (no screen)
- ☐ Security Bars
- ☐ Hinged Sub Frame
- ☐ 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:

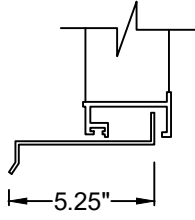
- ☐ Durable Polyester (AAMA 2604)
- ☐ 70% PVDF Fluoropolymer (AAMA 2605)
- ☐ Yellow Primer
- ☐ Clear Anodize



OPTIONAL FLANGE
(except R_ Shapes, 1" optional std)



OPTIONAL
GLAZING ADAPTER



OPTIONAL
EXTENDED SILL



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

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

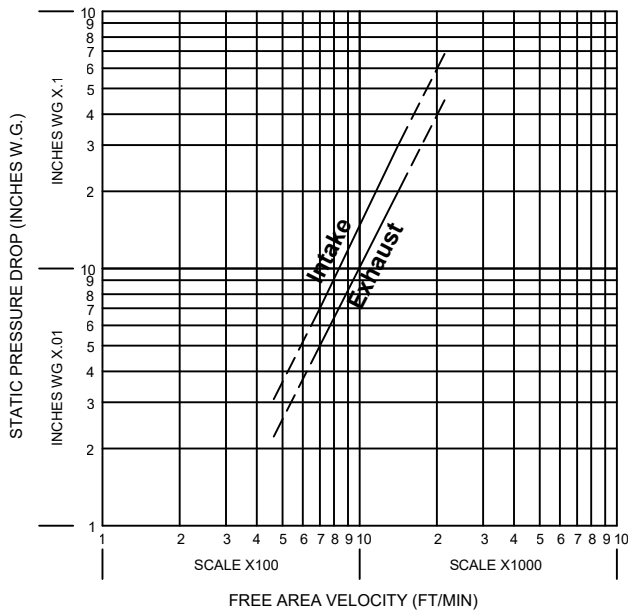


MODEL FL-D-2 (Drainable Blade w/ Jamb Gutters and Downspouts)

DRAWN BY: MHM	DATE: January 2010	REV. DATE: March 2026	REV. NO. 7	APPROVED BY:	DWG. NO.: A-1
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PERFORMANCE DATA

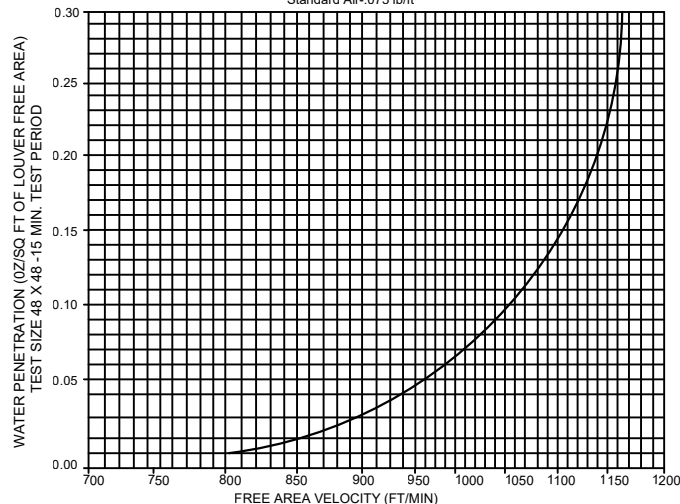
AIR FLOW RESISTANCE



Based on STANDARD AIR - .075 lb. per cubic foot.
Ratings do not include the effects of screen.
Test size 48" x 48"

WATER PENETRATION

Standard Air-.075 lb/ft³



FREE AREA CHART (SQUARE FEET)

Louver Height	Louver Width In Inches																				Louver Height
Inches	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	Inches	
12	0.33	0.54	0.74	0.95	1.16	1.36	1.57	1.77	1.98	2.18	2.39	2.59	2.80	3.00	3.21	3.41	3.62	3.82	4.03	12	
18	0.57	0.92	1.27	1.63	1.98	2.33	2.68	3.03	3.38	3.74	4.09	4.44	4.79	5.14	5.49	5.85	6.20	6.55	6.90	18	
24	0.81	1.31	1.81	2.30	2.80	3.30	3.80	4.30	4.79	5.29	5.79	6.29	6.79	7.28	7.78	8.28	8.78	9.28	9.77	24	
30	1.11	1.79	2.47	3.15	3.83	4.52	5.20	5.88	6.56	7.24	7.93	8.61	9.29	9.97	10.65	11.33	12.02	12.70	13.38	30	
36	1.35	2.19	3.02	3.85	4.69	5.52	6.35	7.19	8.02	8.85	9.69	10.52	11.35	12.19	13.02	13.85	14.69	15.52	16.35	36	
42	1.60	2.58	3.57	4.55	5.54	6.52	7.51	8.49	9.48	10.46	11.45	12.43	13.42	14.40	15.39	16.37	17.36	18.34	19.33	42	
48	1.85	2.98	4.12	5.26	6.39	7.53	8.66	9.80	10.94	12.07	13.21	14.35	15.48	16.62	17.75	18.89	20.03	21.16	22.30	48	
54	2.09	3.38	4.67	5.96	7.24	8.53	9.82	11.11	12.39	13.68	14.97	16.26	17.55	18.83	20.12	21.41	22.70	23.98	25.27	54	
60	2.34	3.78	5.22	6.66	8.10	9.54	10.97	12.41	13.85	15.29	16.73	18.17	19.61	21.05	22.49	23.93	25.37	26.81	28.25	60	
66	2.53	4.09	5.65	7.21	8.77	10.33	11.89	13.45	15.00	16.56	18.12	19.68	21.24	22.80	24.36	25.92	27.48	29.03	30.59	66	
72	2.77	4.48	6.18	7.89	9.59	11.30	13.00	14.71	16.41	18.12	19.82	21.53	23.23	24.94	26.64	28.35	30.06	31.76	33.47	72	
78	3.01	4.86	6.71	8.56	10.42	12.27	14.12	15.97	17.82	19.67	21.52	23.38	25.23	27.08	28.93	30.78	32.63	34.49	36.34	78	
84	3.25	5.24	7.24	9.24	11.24	13.24	15.23	17.23	19.23	21.23	23.23	25.22	27.22	29.22	31.22	33.22	35.21	37.21	39.21	84	
90	3.48	5.63	7.77	9.92	12.06	14.21	16.35	18.49	20.64	22.78	24.93	27.07	29.22	31.36	33.50	35.65	37.79	39.94	42.08	90	
96	3.72	6.01	8.30	10.59	12.88	15.18	17.47	19.76	22.05	24.34	26.63	28.92	31.21	33.50	35.79	38.08	40.37	42.66	44.95	96	
102	4.02	6.50	8.97	11.45	13.92	16.40	18.87	21.35	23.82	26.30	28.77	31.25	33.72	36.20	38.67	41.15	43.62	46.10	48.57	102	
108	4.27	6.89	9.52	12.15	14.77	17.40	20.03	22.65	25.28	27.91	30.53	33.16	35.79	38.41	41.04	43.67	46.29	48.92	51.55	108	
114	4.51	7.29	10.07	12.85	15.63	18.41	21.18	23.96	26.74	29.52	32.30	35.07	37.85	40.63	43.41	46.19	48.96	51.74	54.52	114	
120	4.76	7.69	10.62	13.55	16.48	19.41	22.34	25.27	28.20	31.13	34.06	36.99	39.92	42.85	45.78	48.71	51.63	54.56	57.49	120	

SUGGESTED SPECIFICATION

Furnish and install louvers as hereinafter specified where shown on plans 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 2.16" 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 to approx. 110 mph)

Published louver performance data bearing the AMCA Certified Ratings Seal for Air Performance & Water Penetration must be submitted for approval prior to fabrication and must demonstrate pressure drop and water penetration equal to or less than the S&P Air Control model specified.

Louvers shall be S&P Air Control model FL-D-2, 6063-T6 extruded aluminum construction as follows:

Frame: 2.16" deep, .060" nominal wall thickness

Blades: .060" nominal wall thickness, drainable

Blades are positioned at 37-degree angle and spaced approx. 1.47" center to center.

Screen: 0.50" x .051" expanded, flattened aluminum in removable frame.

Finish: Select finish specification from S&P Air Control finishes brochure.

Beginning point of WATER PENETRATION
is
805 fpm
free area velocity at .01 oz. of water penetration



S&P Air Control certifies that the FL-D-2 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publications 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA certified rating seal applies to air performance ratings and water penetration ratings.