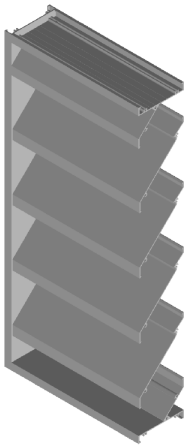
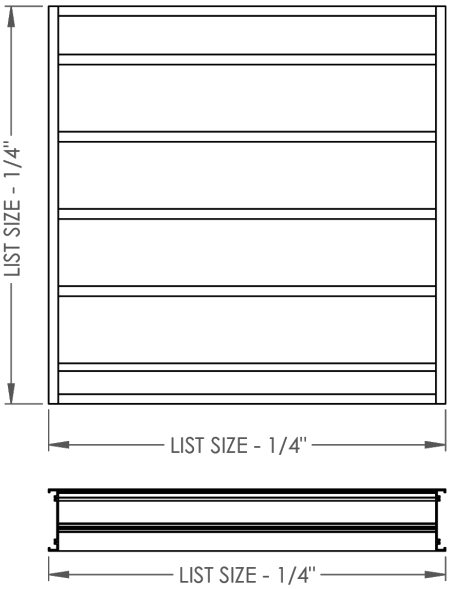
DAYUS

SUBMITTAL

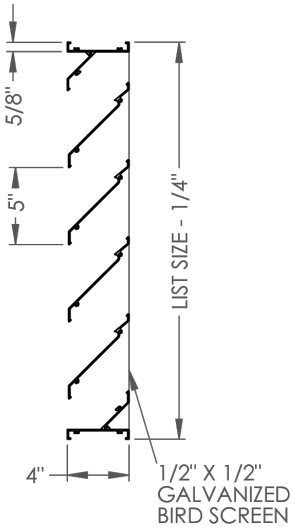
DAL4-CF | 4" Stationary Louver w/ Channel Frame



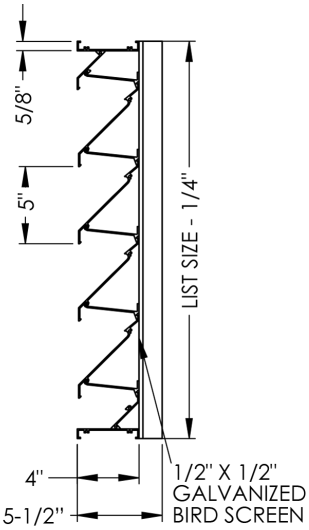
- 4" Non-drainable louver with fixed-blades.
- Heavy-duty, extruded aluminum channel frame.
- J-blade design minimizes water ingress while maximizing free area.
- Concealed mullions used for sizes over 48" in length for clean, continuous appearance.
- Dimensions over maximum single piece size will require field assembly of multiple sections.
- Bird screen included standard. Insect screen can be specified.
- High-quality powder coat paint (AAMA 2604). Architectural-grade finish available (AAMA 2605).



Without Supports
48" Length & Under



With Supports
Over 48" Length



Standard Construction

Material	6063-T5
Wall Thickness	0.080"
Blade Thickness	0.080"
Blade Angle	45°
Blade Spacing	5"
Mullion Start	>48"
Minimum Size	12 x 12"
Maximum Size (Single Piece)	120 x 72" 72 x 120"

amca WORLDWIDE CERTIFIED RATINGS — WATER PENETRATION — AIR PERFORMANCE — AIR MOVEMENT AND CONTROL ASSOCIATION INTERNATIONAL, INC.

1. Specify Quantity

_____

2. Specify the Length x Height Dimensions

Available on 1" increments as standard. Custom sizes down to 1/16" increments.

_____ x _____ ☐ inches ☐ mm

3. Select a Finish

AAMA 2605 powder coat finish available upon request.

- ☐ W - White
- ☐ S - Silver
- ☐ B - Brown
- ☐ M - Mill
- ☐ FB - Flat Black
- ☐ Special: _____

4. Select a Lead Time

3 Day Ship available on mill finish only.

- ☐ 3 Day Ship
- ☐ Next Friday
- ☐ Standard Delivery

Additional Options

- ☐ IS - Insect Screen
- ☐ ES - Extended Sill - Open Ends
- ☐ SP - Sill Pan - Closed Ends

3 DAY SHIP
ANY SIZE. ANY MODEL. GUARANTEED

Project / Location: _____

Architect: _____

Engineer: _____

Contractor: _____

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Free Area ft² (m²)

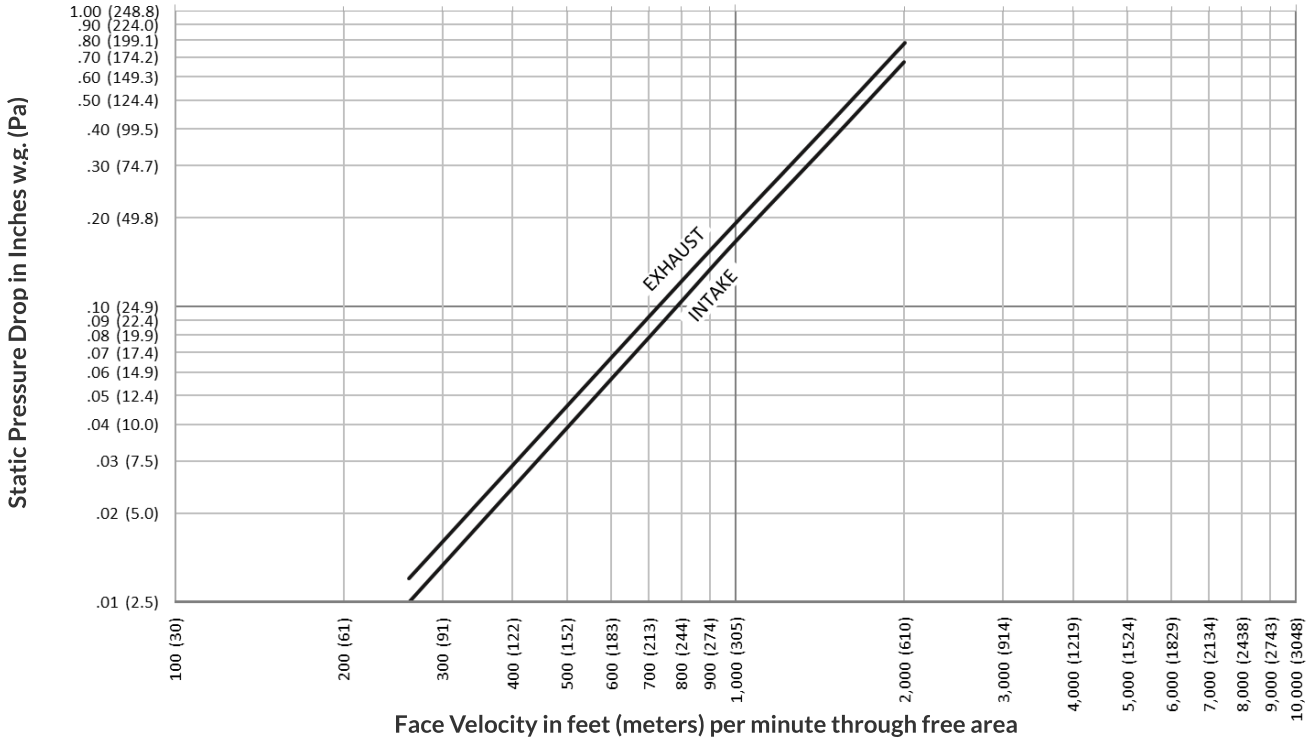
OPENING LENGTH inches (mm)

OPENING HEIGHT inches (mm)	12 300	18 450	24 600	30 750	36 900	42 1050	48 1200	54 1350	60 1500	66 1700	72 1850	78 2000	84 2150	90 2300	96 2450	102 2600	108 2750	114 2900	120 3050
12 300	0.32 0.03	0.50 0.05	0.68 0.06	0.87 0.08	1.05 0.10	1.23 0.11	1.41 0.13	1.55 0.14	1.73 0.16	1.92 0.18	2.10 0.19	2.28 0.21	2.46 0.23	2.65 0.25	2.83 0.26	2.97 0.28	3.15 0.29	3.33 0.31	3.51 0.33
18 450	0.47 0.04	0.74 0.07	1.01 0.09	1.28 0.12	1.55 0.14	1.82 0.17	2.09 0.19	2.29 0.21	2.56 0.24	2.83 0.26	3.10 0.29	3.36 0.31	3.63 0.34	3.90 0.36	4.17 0.39	4.37 0.41	4.64 0.43	4.91 0.46	5.18 0.48
24 600	0.73 0.07	1.15 0.11	1.57 0.15	1.99 0.18	2.41 0.22	2.83 0.26	3.25 0.30	3.56 0.33	3.98 0.37	4.40 0.41	4.82 0.45	5.23 0.49	5.65 0.53	6.07 0.56	6.49 0.60	6.80 0.63	7.22 0.67	7.64 0.71	8.06 0.75
30 750	1.02 0.09	1.60 0.15	2.18 0.20	2.76 0.26	3.34 0.31	3.92 0.36	4.50 0.42	4.94 0.46	5.52 0.51	6.10 0.57	6.68 0.62	7.26 0.67	7.84 0.73	8.42 0.78	9.00 0.84	9.44 0.88	10.02 0.93	10.60 0.98	11.18 1.04
36 900	1.30 0.12	2.04 0.19	2.79 0.26	3.53 0.33	4.27 0.40	5.01 0.47	5.76 0.53	6.31 0.59	7.06 0.66	7.80 0.72	8.54 0.79	9.29 0.86	10.03 0.93	10.77 1.00	11.52 1.07	12.07 1.12	12.82 1.19	13.56 1.26	14.30 1.33
42 1050	1.58 0.15	2.49 0.23	3.39 0.32	4.30 0.40	5.20 0.48	6.11 0.57	7.01 0.65	7.69 0.71	8.60 0.80	9.50 0.88	10.41 0.97	11.31 1.05	12.22 1.14	13.12 1.22	14.03 1.30	14.71 1.37	15.61 1.45	16.52 1.53	17.42 1.62
48 1200	1.74 0.16	2.73 0.25	3.72 0.35	4.71 0.44	5.70 0.53	6.69 0.62	7.69 0.71	8.43 0.78	9.42 0.88	10.41 0.97	11.40 1.06	12.40 1.15	13.39 1.24	14.38 1.34	15.37 1.43	16.11 1.50	17.11 1.59	18.10 1.68	19.09 1.77
54 1350	2.00 0.19	3.14 0.29	4.28 0.40	5.42 0.50	6.56 0.61	7.70 0.72	8.84 0.82	9.70 0.90	10.84 1.01	11.98 1.11	13.12 1.22	14.27 1.33	15.41 1.43	16.55 1.54	17.69 1.64	18.55 1.72	19.69 1.83	20.83 1.93	21.97 2.04
60 1500	2.28 0.21	3.58 0.33	4.89 0.45	6.19 0.58	7.49 0.70	8.80 0.82	10.10 0.94	11.08 1.03	12.38 1.15	13.69 1.27	14.99 1.39	16.29 1.51	17.60 1.63	18.90 1.76	20.20 1.88	21.18 1.97	22.48 2.09	23.79 2.21	25.09 2.33
66 1700	2.56 0.24	4.03 0.37	5.50 0.51	6.96 0.65	8.43 0.78	9.89 0.92	11.36 1.06	12.46 1.16	13.92 1.29	15.39 1.43	16.85 1.57	18.32 1.70	19.78 1.84	21.25 1.97	22.71 2.11	23.81 2.21	25.28 2.35	26.74 2.48	28.21 2.62
72 1850	2.85 0.26	4.48 0.42	6.10 0.57	7.73 0.72	9.36 0.87	10.99 1.02	12.61 1.17	13.83 1.29	15.46 1.44	17.09 1.59	18.72 1.74	20.34 1.89	21.97 2.04	23.60 2.19	25.23 2.34	26.45 2.46	28.07 2.61	29.70 2.76	31.33 2.91
78 2000	3.00 0.28	4.71 0.44	6.43 0.60	8.14 0.76	9.86 0.92	11.57 1.07	13.28 1.23	14.57 1.35	16.28 1.51	18.00 1.67	19.71 1.83								
84 2150	3.26 0.30	5.13 0.48	6.99 0.65	8.85 0.82	10.72 1.00	12.58 1.17	14.44 1.34	15.84 1.47	17.71 1.64	19.57 1.82	21.43 1.99								
90 2300	3.55 0.33	5.57 0.52	7.60 0.71	9.62 0.89	11.65 1.08	13.67 1.27	15.70 1.46	17.22 1.60	19.25 1.79	21.27 1.98	23.30 2.16								
96 2450	3.83 0.36	6.02 0.56	8.20 0.76	10.39 0.97	12.58 1.17	14.77 1.37	16.96 1.58	18.60 1.73	20.79 1.93	22.97 2.13	25.16 2.34								
102 2600	4.11 0.38	6.46 0.60	8.81 0.82	11.16 1.04	13.51 1.26	15.86 1.47	18.21 1.69	19.98 1.86	22.33 2.07	24.68 2.29	27.03 2.51								
108 2750	4.26 0.40	6.70 0.62	9.14 0.85	11.57 1.08	14.01 1.30	16.45 1.53	18.88 1.75	20.71 1.92	23.15 2.15	25.59 2.38	28.02 2.60								
114 2900	4.53 0.42	7.11 0.66	9.70 0.90	12.28 1.14	14.87 1.38	17.46 1.62	20.04 1.86	21.98 2.04	24.57 2.28	27.16 2.52	29.74 2.76								
120 3050	4.81 0.45	7.56 0.70	10.31 0.96	13.05 1.21	15.80 1.47	18.55 1.72	21.30 1.98	23.36 2.17	26.11 2.43	28.86 2.68	31.61 2.94								

Scan for more product information.

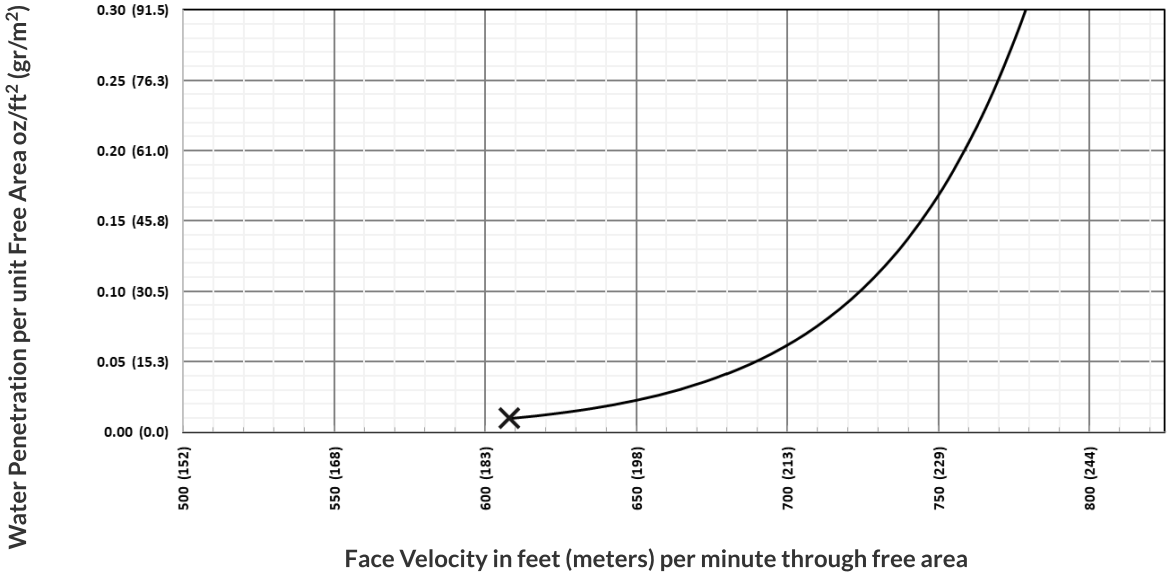
Pressure Drop

Louver test size 48" x 48" (1200mm x 1200mm). Tested per AMCA 500-L-15 Fig. 5.5. Standard air density @ 0.075 lbs/ft^3.



Water Penetration

Louver test size 48" x 48" (1200mm x 1200mm). Tested per AMCA 500-L-15 Fig. 5.6. Standard air density @ 0.075 lbs/ft^3.



Performance of Louver 48" x 48" (1219mm x 1219mm)

Free Area		Performance at Beginning Point of Water Penetration	
Area	7.69 sq. ft. (0.71 sq. m)	Free Area Velocity	608 fpm
		Max Intake Volume	4,676 CFM
Percent	48%	**Performance at 5,678 CFM Intake**	
		Pressure Drop	0.086 w.g.

Dayus Register & Grille Inc. certifies that the Model DAL4-CF shown herein is licensed to bear the AMCA Certified Ratings Program 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. Louvers were tested in accordance with AMCA Standard 500-L. (Test Figures 5.5-5.6). Louver test size 48 x 48". The AMCA Certified Ratings Program seal applies to Water Penetration and Air Performance ratings.

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