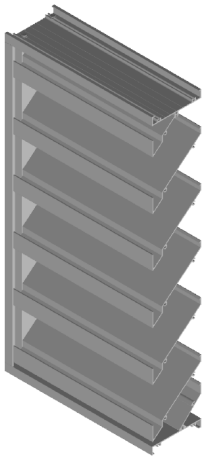
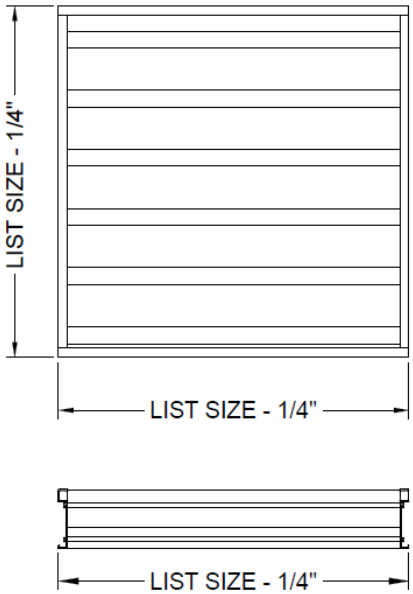
DAYUS

SUBMITTAL

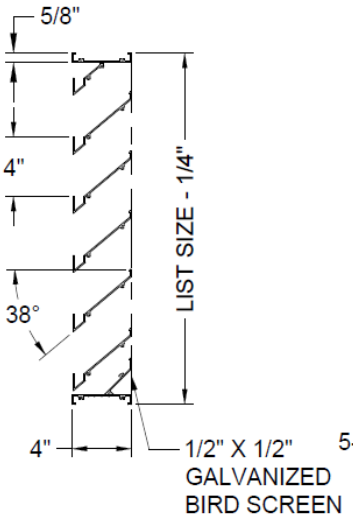
DALD4-CF | 4" Stationary Drainable Louver w/ Channel Frame



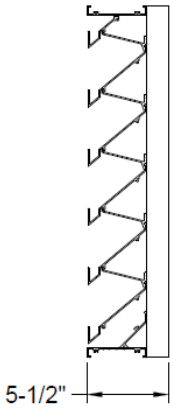
- 4" Drainable louver with fixed-blades.
- Heavy-duty, extruded aluminum channel frame.
- Drainable blades with vertical jamb gutter minimizes water ingress while maximizing free area.
- Concealed blade supports used for sizes over 48" in length for clean, continuous appearance.
- Dimensions over maximum single piece size will require field assembly of multiple sections.
- Bird screen included standard. Insect screen can be specified.
- High-quality powder coat paint as standard (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	38°
Blade Spacing	4"
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
- ☐ PC - Prime Coat
- ☐ 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)

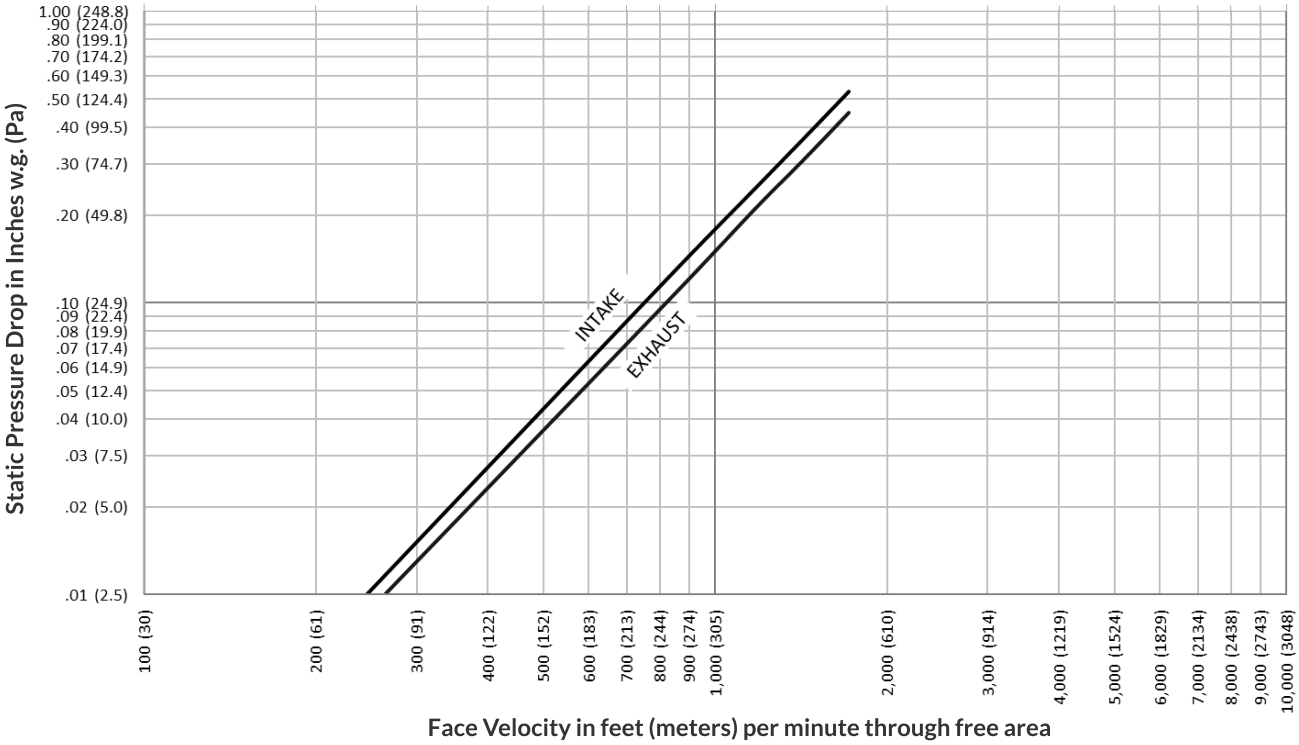
OPENING LENGTH inches (mm)

OPENING HEIGHT inches (mm)

	12 305	18 457	24 610	30 762	36 914	42 1,067	48 1,219	54 1,372	60 1,524	66 1,676	72 1,829	78 1,981	84 2,134	90 2,286	96 2,438	102 2,591	108 2,743	114 2,896	120 3,048
12 305	0.36 0.03	0.57 0.05	0.77 0.07	0.98 0.09	1.18 0.11	1.39 0.13	1.60 0.15	1.75 0.16	1.96 0.18	2.16 0.20	2.37 0.22	2.58 0.24	2.78 0.26	2.99 0.28	3.19 0.30	3.35 0.31	3.55 0.33	3.76 0.35	3.97 0.37
18 457	0.70 0.07	1.10 0.10	1.50 0.14	1.90 0.18	2.30 0.21	2.70 0.25	3.10 0.29	3.40 0.32	3.80 0.35	4.20 0.39	4.60 0.43	5.00 0.46	5.40 0.50	5.80 0.54	6.20 0.58	6.50 0.60	6.90 0.64	7.30 0.68	7.70 0.72
24 610	0.94 0.09	1.48 0.14	2.02 0.19	2.56 0.24	3.09 0.29	3.63 0.34	4.17 0.39	4.57 0.42	5.11 0.47	5.65 0.52	6.19 0.57	6.72 0.62	7.26 0.67	7.80 0.72	8.34 0.77	8.74 0.81	9.28 0.86	9.82 0.91	10.35 0.96
30 762	1.28 0.12	2.01 0.19	2.74 0.25	3.48 0.32	4.21 0.39	4.94 0.46	5.67 0.53	6.22 0.58	6.95 0.65	7.68 0.71	8.42 0.78	9.15 0.85	9.88 0.92	10.61 0.99	11.34 1.05	11.89 1.10	12.62 1.17	13.36 1.24	14.09 1.31
36 914	1.52 0.14	2.39 0.22	3.26 0.30	4.13 0.38	5.00 0.46	5.87 0.55	6.74 0.63	7.39 0.69	8.26 0.77	9.13 0.85	10.00 0.93	10.87 1.01	11.74 1.09	12.61 1.17	13.48 1.25	14.13 1.31	15.00 1.39	15.87 1.47	16.74 1.56
42 1067	1.86 0.17	2.93 0.27	3.99 0.37	5.05 0.47	6.12 0.57	7.18 0.67	8.24 0.77	9.04 0.84	10.11 0.94	11.17 1.04	12.23 1.14	13.30 1.24	14.36 1.33	15.42 1.43	16.49 1.53	17.29 1.61	18.35 1.70	19.41 1.80	20.48 1.90
48 1219	2.10 0.20	3.30 0.31	4.51 0.42	5.71 0.53	6.91 0.64	8.11 0.75	9.31 0.87	10.21 0.95	11.42 1.06	12.62 1.17	13.82 1.28	15.02 1.40	16.22 1.51	17.42 1.62	18.63 1.73	19.53 1.81	20.73 1.93	21.93 2.04	23.13 2.15
54 1372	2.44 0.23	3.84 0.36	5.23 0.49	6.63 0.62	8.02 0.75	9.42 0.88	10.82 1.00	11.86 1.10	13.26 1.23	14.65 1.36	16.05 1.49	17.45 1.62	18.84 1.75	20.24 1.88	21.63 2.01	22.68 2.11	24.07 2.24	25.47 2.37	26.87 2.50
60 1524	2.68 0.25	4.22 0.39	5.75 0.53	7.28 0.68	8.82 0.82	10.35 0.96	11.88 1.10	13.04 1.21	14.57 1.35	16.10 1.50	17.64 1.64	19.17 1.78	20.70 1.92	22.24 2.07	23.77 2.21	24.92 2.32	26.45 2.46	27.99 2.60	29.52 2.74
66 1676	3.02 0.28	4.75 0.44	6.48 0.60	8.21 0.76	9.93 0.92	11.66 1.08	13.39 1.24	14.68 1.36	16.41 1.52	18.14 1.69	19.87 1.85	21.59 2.01	23.32 2.17	25.05 2.33	26.78 2.49	28.07 2.61	29.80 2.77	31.53 2.93	33.25 3.09
72 1829	3.26 0.30	5.13 0.48	7.00 0.65	8.86 0.82	10.73 1.00	12.59 1.17	14.46 1.34	15.86 1.47	17.72 1.65	19.59 1.82	21.45 1.99	23.32 2.17	25.18 2.34	27.05 2.51	28.91 2.69	30.31 2.82	32.18 2.99	34.04 3.16	35.91 3.34
78 1981	3.60 0.33	5.66 0.53	7.72 0.72	9.78 0.91	11.84 1.10	13.90 1.29	15.96 1.48	17.50 1.63	19.56 1.82	21.62 2.01	23.68 2.20								
84 2134	3.85 0.36	6.04 0.56	8.24 0.77	10.44 0.97	12.63 1.17	14.83 1.38	17.03 1.58	18.68 1.74	20.87 1.94	23.07 2.14	25.27 2.35								
90 2286	4.18 0.39	6.58 0.61	8.97 0.83	11.36 1.06	13.75 1.28	16.14 1.50	18.53 1.72	20.33 1.89	22.72 2.11	25.11 2.33	27.50 2.55								
96 2438	4.43 0.41	6.96 0.65	9.48 0.88	12.01 1.12	14.54 1.35	17.07 1.59	19.60 1.82	21.50 2.00	24.03 2.23	26.56 2.47	29.09 2.70								
102 2591	4.77 0.44	7.49 0.70	10.21 0.95	12.93 1.20	15.66 1.45	18.38 1.71	21.10 1.96	23.15 2.15	25.87 2.40	28.59 2.66	31.32 2.91								
108 2743	5.01 0.47	7.87 0.73	10.73 1.00	13.59 1.26	16.45 1.53	19.31 1.79	22.17 2.06	24.32 2.26	27.18 2.53	30.04 2.79	32.90 3.06								
114 2896	5.35 0.50	8.40 0.78	11.46 1.06	14.51 1.35	17.57 1.63	20.62 1.92	23.68 2.20	25.97 2.41	29.02 2.70	32.08 2.98	35.13 3.26								
120 3048	5.59 0.52	8.78 0.82	11.97 1.11	15.17 1.41	18.36 1.71	21.55 2.00	24.75 2.30	27.14 2.52	30.33 2.82	33.53 3.11	36.72 3.41								

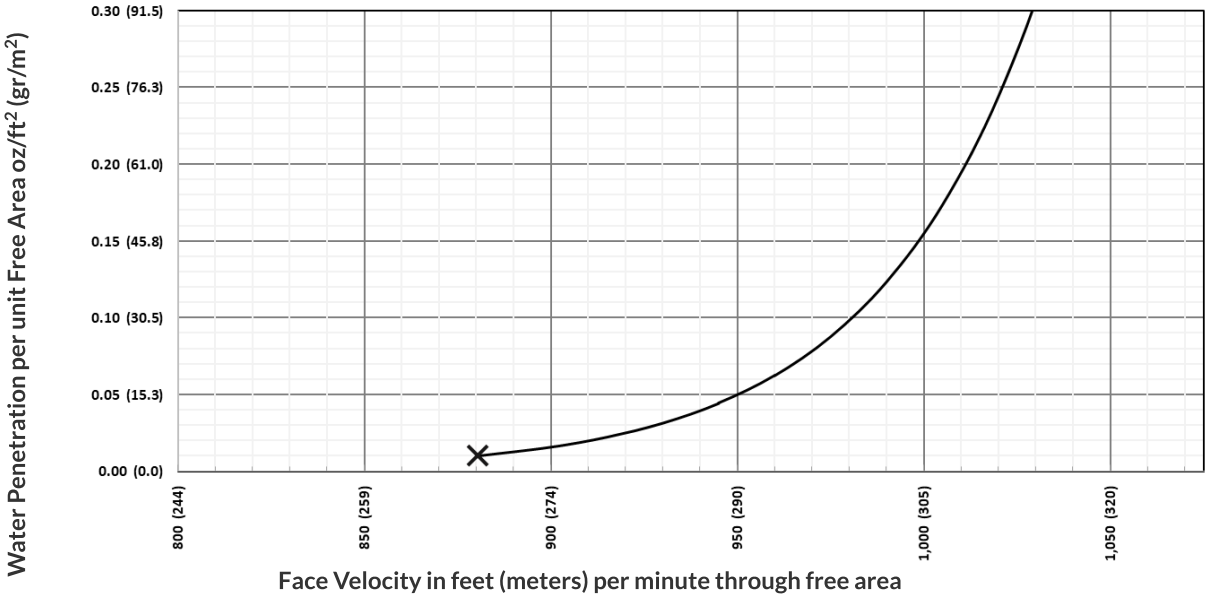
Pressure Drop

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	9.31 sq. ft. (0.86 sq. m)	Free Area Velocity	881 fpm
		Max Intake Volume	8,202 CFM
Percent	58%	**Performance at 7,638 CFM Intake**	
		Pressure Drop	0.122 w.g.

Dayus Register & Grille Inc. certifies that the Model DALD4-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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