

MODEL D-HV-6

HIGH PERFORMANCE FIXED LOUVER

STANDARD CONSTRUCTION:

Frame: .125" Extruded Aluminum, 6.26" [159mm] Deep

Blades: .081 Extruded Aluminum on approximately 1.5" [37mm] centers, horizontally and vertically

Birdscreen: 0.50" [12.70mm] x .050" [1.27mm] 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" [305mm] x 12" [305mm]

Maximum Single Section: 72"w x 72"h [1829mm x 1829mm] (limited to 20 sq. ft. if powder coated or painted)

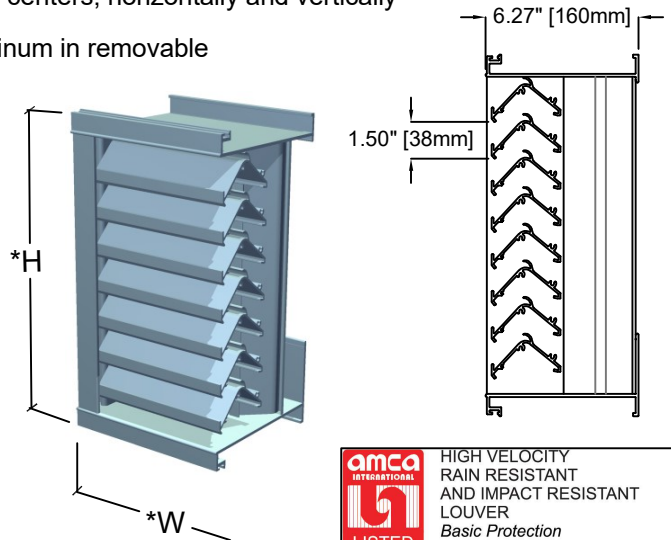
Note: Drainable blade louvers should be limited to 10' [3048mm] maximum section widths (no more than 10' [3048mm] between vertical downspouts) to enable the drainable design to function effectively.

FLORIDA PRODUCT APPROVAL #FL 27021

See Florida Product Approval drawings for installation instructions.

D-HV-6 Meets the following requirements:

- AMCA 540 & AMCA 550 Listed
- Florida Product Approval
- AMCA 500-L Pressure Drop Tested
- ASTM E330 & ASTM E1886



United Enertech certifies that the D-HV-6 shown herein is approved to bear the AMCA Listing Label. The ratings shown are based on tests and procedures performed in accordance with AMCA Publications and comply with the requirements of the AMCA Listing Label Program. The AMCA Listed Label applies to Wind Borne Debris Impact Resistant Louvers and High Velocity Rain Resistant Louvers

AMCA 540 (Basic) & 550 Listed

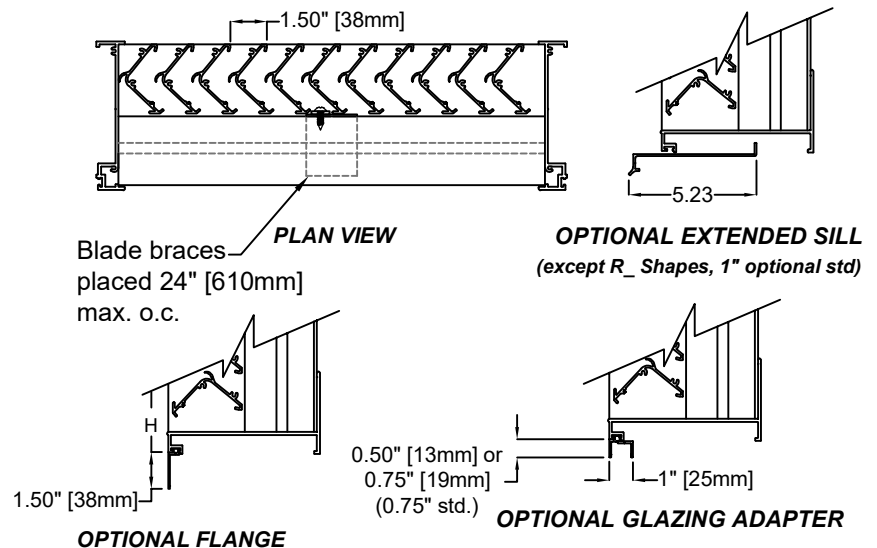
OPTIONS:

- Flanged Frame (1.50" [38mm] std.), (1" [25mm] std for shapes R_)
- Custom Flange (1", 2" , or 3"), (1.5", 2", or 3" for shapes R_) [25mm, 51mm, or 76mm], [38mm, 51mm, or 76mm for shapes R_]
- Extended Sill
- Insect Screen (Other Screens Available, See Screen Page)
- Filter Racks (no screen)
- Security Bars
- 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
- Dark Bronze Anodize



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

Due to continuing research, United Enertech reserves the right to change specifications without notice.

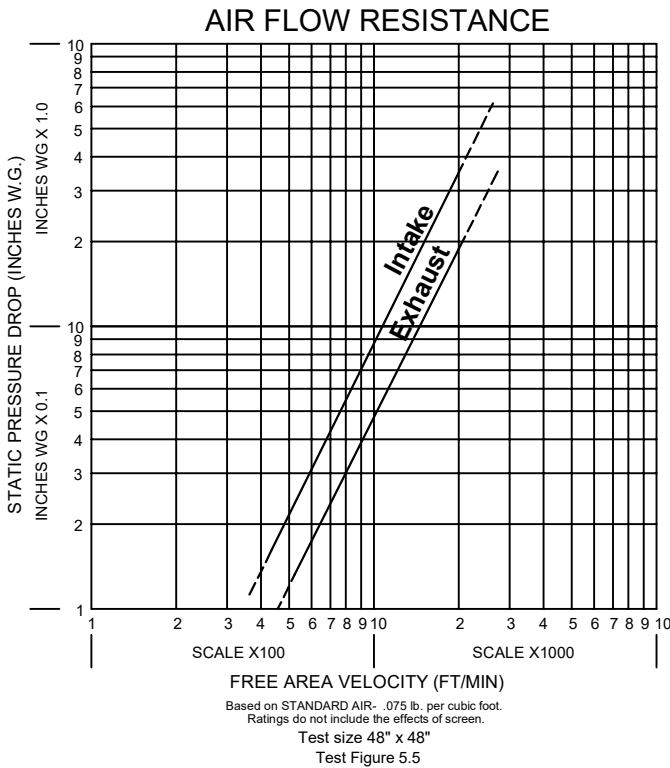


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MODEL D-HV-6 (Dual Blade 6" Wind-Driven Rain Louver)

DRAWN BY:	DATE:	REV. DATE:	REV. NO.	APPROVED BY:	DWG. NO.:
CLJ	July 2018	May 2021	0	JAS	A-19

Model D-HV-6 Louver Performance Data



D-HV-6 Specifications

Furnish and install louver as hereinafter specified where shown on plans or as described in schedules. Louver shall be stationary type with horizontal rain resistant style blades positioned on approximately 1.5" centers and vertical wind driven rain blades placed on approximately 1.5" both within 6.27" deep frame. Louver frame material to be 0.125" thick 6063-T5 extruded aluminum. Louver blade material to be .081" thick 60603-T5 extruded aluminum. Sections up to maximum of 72"w x 72"h shall withstand wind loading of +/-225 lbs/sq.ft.. Louver shall meet the performance requirements established by the AMCA 500L test procedure and shall be licensed to bear the AMCA certified rating seal for air performance. Louver shall have a minimum free area of 5.44 sq. ft. based on the standard 48"w x 48"h test specimen. Louver shall have a maximum static pressure drop of 0.40"(exhaust) & 0.80"(intake) water gage based on 1000 FPM free area intake velocity. Louver shall be AMCA listed for AMCA 550 High Velocity Rain Resistance and AMCA 540 Impact resistance (Basic Protection)

Louver Height Inches	D-HV-6 FREE AREA IN SQ. FT.											Louver Height Inches
	Width - Inches											
	12	18	24	30	36	42	48	54	60	66	72	
12	0.16	0.24	0.32	0.41	0.49	0.58	0.66	0.75	0.83	0.92	1.00	12
18	0.36	0.54	0.72	0.91	1.09	1.27	1.46	1.64	1.83	2.01	2.19	18
24	0.55	0.84	1.12	1.40	1.69	1.97	2.25	2.54	2.82	3.11	3.39	24
30	0.75	1.14	1.52	1.90	2.29	2.67	3.05	3.43	3.82	4.20	4.58	30
36	0.95	1.43	1.92	2.40	2.88	3.36	3.85	4.33	4.81	5.29	5.78	36
42	1.15	1.73	2.32	2.90	3.48	4.06	4.64	5.23	5.81	6.39	6.97	42
48	1.35	2.03	2.71	3.40	4.08	4.76	5.44	6.12	6.80	7.48	8.17	48
54	1.55	2.33	3.11	3.89	4.67	5.46	6.24	7.02	7.80	8.58	9.36	54
60	1.75	2.63	3.51	4.39	5.27	6.15	7.03	7.91	8.79	9.67	10.56	60
66	1.95	2.93	3.91	4.89	5.87	6.85	7.83	8.81	9.79	10.77	11.75	66
72	2.15	3.23	4.31	5.39	6.47	7.55	8.63	9.70	10.78	11.86	12.94	72

United Enertech Corporation certifies that the D-HV-6 is licensed to bear the AMCA 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. The AMCA Certified Rating Seal applies to air performance ratings.

