

SUBMITTAL DATA

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: 0.75" [19mm] x .051" [1.29mm] 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.

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
- Glazing Adapter (0.50" [13mm] or 0.75" [19mm])
- 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

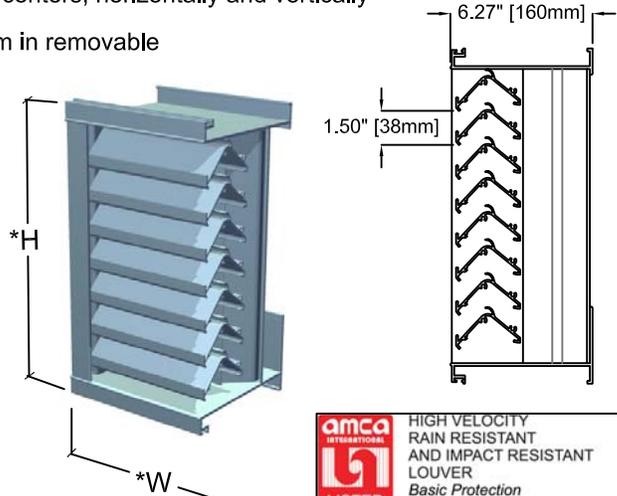
AVAILABLE FINISHES:

- Powder Polyester TGIC** (2 coats) baked on at 410°F, 2.5 to 3.5 mils Meets AAMA-2604 Standards
- Powder Super durable polyester** (2 coats) baked on at 410°F, 2.5 to 3.5 mils Meets AAMA-2604-05 Standards
- Acrylic baked enamel** (ACRA-BOND® ULTRA) by AkzoNobel baked on at 350°F, 0.8 to 1.2 mils dry Meets AAMA-2603 Standards
- AAMA 2605 Powder** 1 or 2 coats, 100% Thermoset Fluoropolymer Resin (FEVE) Powder Coat, Dry film thickness: 2 mils Meets AAMA-2605 Standards (equivalent to Kynar 500 / Hylar 500)
- Kynar 500®** or HYLAR® 5000 70% TRINAR® (2 coats) by AkzoNobel baked on at 450°F, 1.2 to 1.6 mils dry, Meets AAMA-2605-05 Standards
- Kynar 500®** or HYLAR® 5000 (70% Tri-Escent II) (2 coats) by AkzoNobel, a superior finish to other metallic or anodized finishes. A blend of mica, ceramic, and inorganic pigments creates subtle yet dazzling design that goes beyond metallic color without the requirement of a clear coat. 14 standard colors - custom colors available. Baked on at 415°F, 1.4 to 1.8 mils dry, meets AAMA 2605-05.

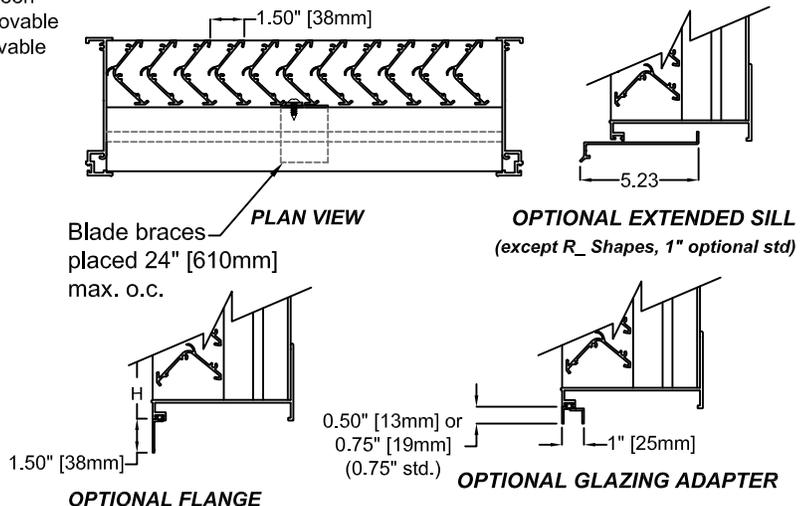
- Clear Anodize** 204 R-1 Class II (AA-C22A31)(0.4 to 0.7 mil)
- Clear Anodize** 215 R-1 Class I (AA-C22A41)(>0.7 mil)
- Integral Color Anodize** (AA-C22A42)(>0.7 mil)
 - Clear coat available for all above finishes.
 - Hylar® 5000 is a registered trademark of Solvay Solexis, Inc.
 - Kynar® 500 is a registered trademark of Arkema.
 - ACRA-BOND® ULTRA & Trinar® are registered trademarks of AkzoNobel

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



*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.

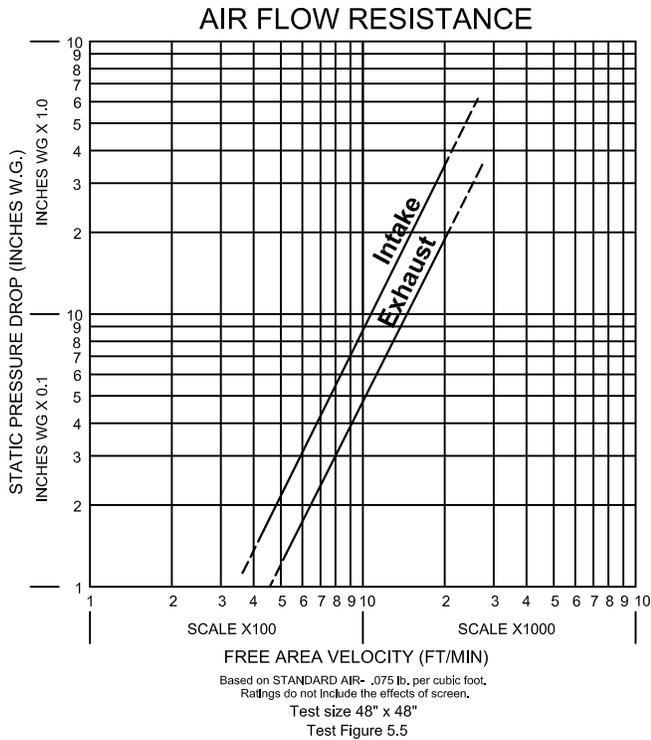


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MODEL D-HV-6 (Dual Blade 6" Wind-Driven Rain Louver)

DRAWN BY: CLJ	DATE: July 2018	REV. DATE:	REV. NO. 0	APPROVED BY: JAS	DWG. NO.: A-19
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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 6.52 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	0.24	0.46	0.64	0.82	0.99	1.17	1.35	1.52	1.70	2.34	5.27	12
18	0.47	0.76	1.05	1.34	1.63	1.92	2.21	2.50	2.79	3.95	8.51	18
24	0.65	1.06	1.46	1.86	2.27	2.67	3.07	3.47	3.88	5.55	11.75	24
30	0.84	1.35	1.87	2.39	2.90	3.42	3.93	4.45	4.97	7.15	14.99	30
36	1.02	1.65	2.28	2.91	3.54	4.17	4.80	5.43	6.05	8.76	18.22	36
42	1.21	1.95	2.69	3.43	4.17	4.92	5.66	6.40	7.14	10.36	21.46	42
48	1.39	2.25	3.10	3.96	4.81	5.67	6.52	7.38	8.23	11.97	24.70	48
54	1.57	2.54	3.51	4.48	5.45	6.42	7.38	8.35	9.32	13.57	27.94	54
60	1.76	2.84	3.92	5.00	6.08	7.17	8.25	9.33	10.41	15.18	31.17	60
66	1.94	3.14	4.33	5.53	6.72	7.92	9.11	10.31	11.50	16.78	34.41	66
72	2.13	3.43	4.74	6.05	7.36	8.67	9.97	11.28	12.59	18.38	37.65	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.

