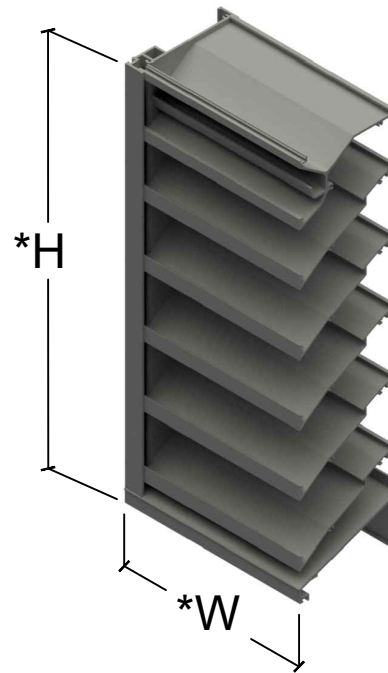


MODEL D-HPL-6

HIGH PERFORMANCE 6" FIXED LOUVER

STANDARD CONSTRUCTION:

- Frame:** 0.125" Extruded Aluminum, 6.07" Deep
- Blade:** .081 Extruded Aluminum positioned on a 37° angle on approximately 3.82" centers
- Birdscreen:** 0.50" 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 x12
- Maximum Single Section:** 84"w x 120"h or 120"w x 84"h
- Note:** 10' Max Width

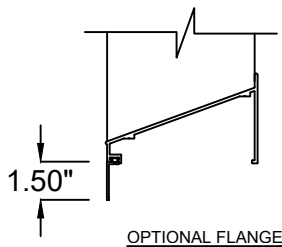
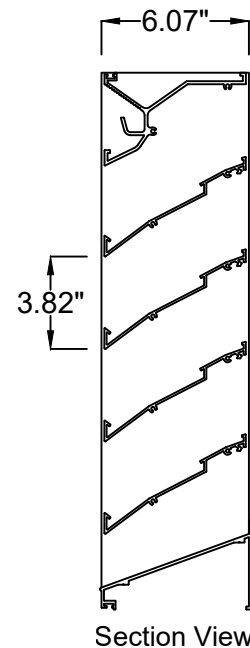


OPTIONS:

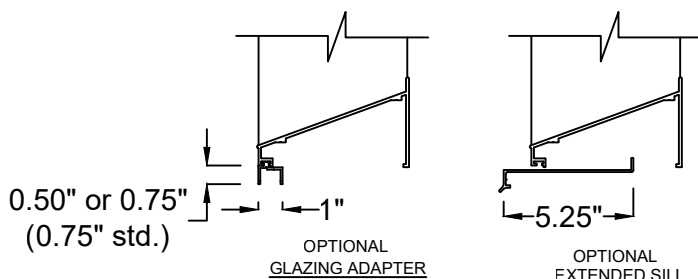
- Flanged Frame (1.50" std.), (1" std for shapes R_)
- Custom Flange (1", 2" , or 3"), (1.5", 2", or 3" for shapes R_)
- Glazing Adapter (0.50" or 0.75")
- Extended Sill
- Insect Screen (Other Screens Available, See Screen Page)
- Filter Racks (no screen)
- Security Bars
- Hinged Sub Frame
- Welded Construction (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
- Dark Bronze Anodize



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



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

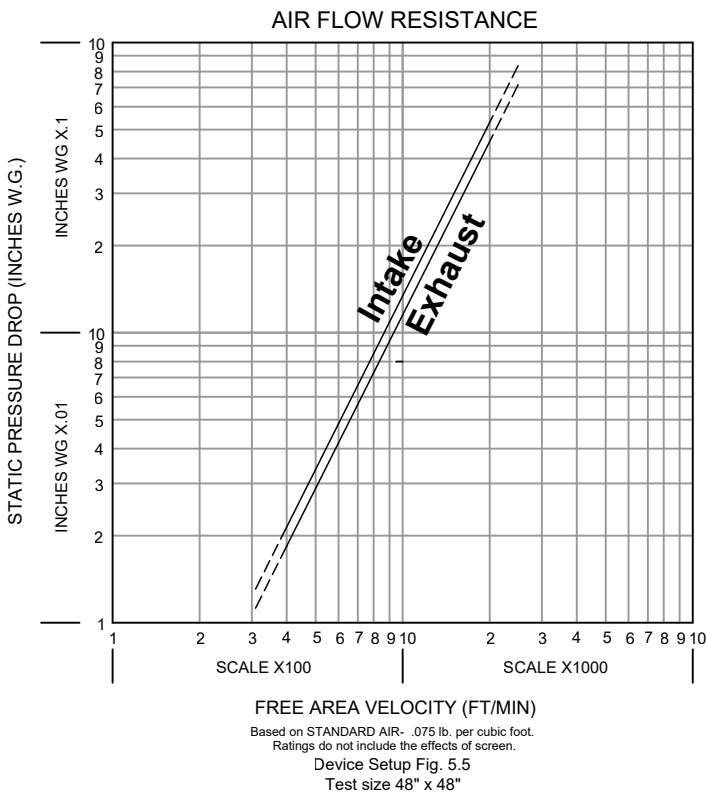
	3005 South Hickory Street Chattanooga, Tennessee 37407 Tel: (423) 698-7715 Fax: (423) 698-6629 www.unitedenertech.com		
	MODEL D-HPL-6 (Drainable Blade)		

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

DRAWN BY: CLJ	DATE: May 2024	REV. DATE:	REV. NO.:	DWG. NO.: A-2a
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PERFORMANCE DATA

SUGGESTED SPECIFICATION



Furnish and install louvers as hereinafter specified where shown on plans or as described in schedules. Louvers shall be stationary drainable type with drain gutters in each blade and downspouts in jams and mullions. Stationary drainable blades shall be contained within a 6.07" frame. Louver components (heads, jams, 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 of a 110 mph wind), United Enertech Model D-HPL-6

Beginning point of **WATER PENETRATION** for **MODEL D-HPL-6** is
1250 fpm
 free area velocity at .01 oz. of water (penetration)

WATER PENETRATION, OZ. PER SQ. FT. OF FREE AREA
 (TEST SIZE: 48X48, 15 MINUTE DURATION)

Louver Height (inches)	Louver Width (inches)																		
	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
12	0.33	0.54	0.75	0.96	1.17	1.39	1.60	1.81	2.02	2.23	2.44	2.65	2.86	3.07	3.28	3.49	3.71	3.92	4.13
18	0.64	1.04	1.45	1.86	2.26	2.67	3.07	3.48	3.89	4.29	4.70	5.11	5.51	5.92	6.32	6.73	7.14	7.54	7.95
24	0.90	1.47	2.04	2.62	3.19	3.76	4.34	4.91	5.48	6.05	6.63	7.20	7.77	8.35	8.92	9.49	10.07	10.64	11.21
30	1.25	2.05	2.85	3.65	4.45	5.25	6.05	6.85	7.65	8.45	9.25	10.05	10.85	11.65	12.45	13.25	14.05	14.85	15.65
36	1.47	2.41	3.35	4.28	5.22	6.16	7.10	8.03	8.97	9.91	10.85	11.78	12.72	13.66	14.60	15.53	16.47	17.41	18.35
42	1.75	2.86	3.98	5.09	6.21	7.32	8.44	9.55	10.67	11.78	12.89	14.01	15.12	16.24	17.35	18.47	19.58	20.70	21.81
48	2.00	3.27	4.54	5.81	7.08	8.36	9.63	10.90	12.17	13.44	14.72	15.99	17.26	18.53	19.80	21.08	22.35	23.62	24.89
54	2.31	3.79	5.26	6.73	8.21	9.68	11.16	12.63	14.10	15.58	17.05	18.53	20.00	21.47	22.95	24.42	25.90	27.37	28.84
60	2.62	4.29	5.97	7.64	9.31	10.98	12.65	14.33	16.00	17.67	19.34	21.01	22.69	24.36	26.03	27.70	29.37	31.04	32.72
66	2.88	4.72	6.55	8.39	10.22	12.06	13.90	15.73	17.57	19.40	21.24	23.08	24.91	26.75	28.58	30.42	32.25	34.09	35.93
72	3.15	5.16	7.17	9.18	11.20	13.21	15.22	17.23	19.24	21.25	23.26	25.27	27.28	29.29	31.30	33.31	35.32	37.33	39.34
78	3.45	5.65	7.85	10.05	12.25	14.45	16.66	18.86	21.06	23.26	25.46	27.66	29.86	32.06	34.26	36.46	38.66	40.86	43.06
84	3.73	6.10	8.48	10.85	13.23	15.60	17.98	20.35	22.73	25.10	27.48	29.85	32.23						
90	4.03	6.60	9.16	11.73	14.30	16.87	19.43	22.00	24.57	27.14	29.70	32.27	34.84						
96	4.29	7.02	9.76	12.49	15.23	17.96	20.70	23.43	26.16	28.90	31.63	34.37	37.10						
102	4.42	7.24	10.06	12.89	15.71	18.53	21.35	24.17	26.99	29.81	32.63	35.45	38.27						
108	4.86	7.95	11.05	14.15	17.24	20.34	23.44	26.53	29.63	32.72	35.82	38.92	42.01						
114	5.13	8.41	11.68	14.96	18.23	21.50	24.78	28.05	31.32	34.60	37.87	41.14	44.42						
120	5.43	8.90	12.36	15.82	19.29	22.75	26.21	29.68	33.14	36.61	40.07	43.53	47.00						



United Enertech certifies that the D-HPL-6 shown herein 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 and water penetration ratings.