

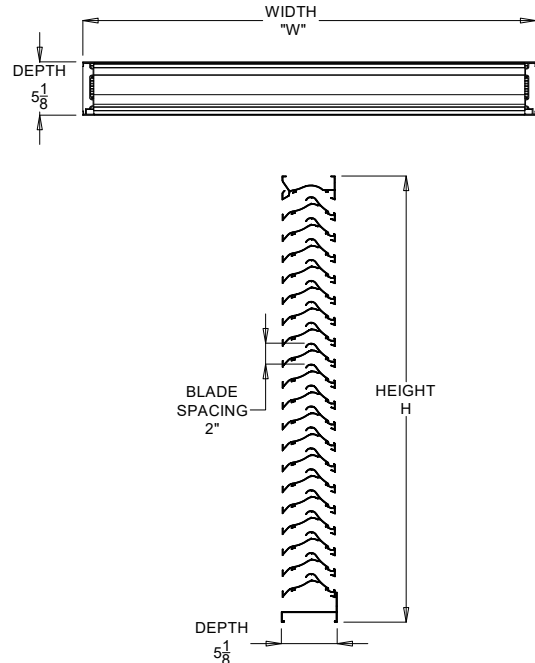


2570H

5" DEEP WIND-DRIVEN RAIN LOUVER



MODEL: 2570H
FRAME: CHANNEL FRAME
DUCT MOUNT (DM)



PERFORMANCE			
LOUVER UNIT SIZE	TOTAL AREA	FREE AREA	FREE AREA
48" x 48" (1219 x 1219 mm)	16 ft ² (1.49 m ²)	7.095 ft ² (0.66 m ²)	47.4%
BEGINNING POINT OF WATER PENETRATION AT AMCA MEASURED FREE AREA:			1250 FPM

STANDARD CONSTRUCTION (*EXTENDED SILL IS REQUIRED)

DEPTH:	5 1/8" (130 mm)
MATERIAL:	EXTRUDED ALUMINUM - 6063-T5 ALLOY
FRAME THICKNESS:	0.080" (2.032 mm)
BLADE THICKNESS:	0.080" (2.032 mm)
BLADE ANGLE:	60°
BLADE CENTRES:	2.00" (51 mm)
BIRDSCREEN:	19 GA. GALVANIZED BIRDSCREEN - 1/2" x 1/2" OPENINGS
FINISH:	MILL

SIZE LIMITATIONS: SINGLE SECTION LOUVER

	MINIMUM	MAXIMUM
WIDTH	12" (305 mm)	60" (1524 mm)
HEIGHT	12" (305 mm)	120" (3048 mm)
AREA	1 ft ² (0.09 m ²)	50 ft ² (4.65 m ²)

*LOUVER WILL BE MANUFACTURED 1/4" (6.4 mm) SMALLER (SINGLE SECTION) AND 1/2" (12.7 mm) SMALLER (MULTIPLE SECTION) THAN GIVEN OPENING DIMENSIONS UNLESS OTHERWISE SPECIFIED

AVAILABLE ACCESSORIES

FINISH: - POLYESTER POWDER COAT - DURANAR FINISH - ANODIZED FINISH - CLEAR ANODIZED - LIGHT BRONZE - MEDIUM BRONZE - DARK BRONZE - BLACK ANODIZED - EXTENDED SILLS - SECURITY BARS - FILTER RACKS - STAINLESS STEEL FASTENERS - HINGED ACCESS DOORS - ALL WELDED CONSTRUCTION - CONTINUOUS LINE CONSTRUCTION IS AVAILABLE*	SCREENS: - BIRDSCREEN 1/2" x 1/2" INTER CRIMPED ALUMINUM - ALUMINUM BIRDSCREEN WITH FRAME - INSECT SCREEN 18 x 14 MESH	BLANK-OFF PANELS (ALUMINUM): VARIOUS GAUGES - NON-INSULATED BLANK-OFF PANELS - INSULATED BLANK-OFF PANELS 1" (25.4 mm) INSULATION 2" (50.8 mm) INSULATION
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DWG. 2570H APRIL 2025



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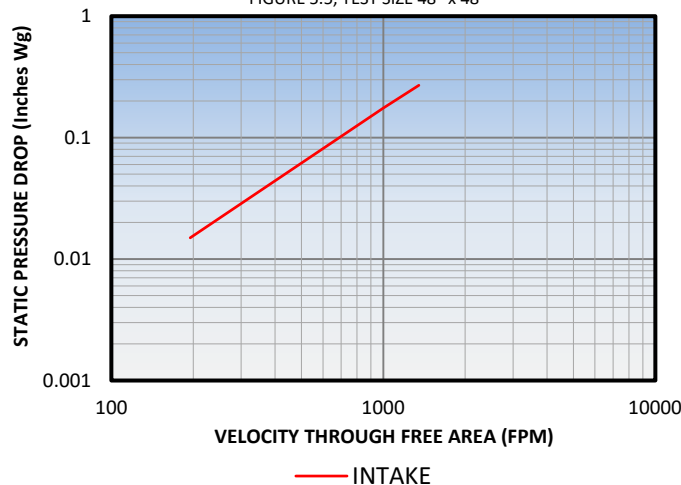
FREE AREA (Sq. Ft.)

		WIDTH (INCHES)												
		12	16	20	24	28	32	36	40	44	48	52	56	60
HEIGHT (INCHES)	12	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	1.50	1.65	1.80	1.95	2.10
	16	0.42	0.63	0.84	1.05	1.26	1.47	1.68	1.89	2.10	2.31	2.52	2.73	2.94
	20	0.54	0.81	1.08	1.35	1.62	1.89	2.16	2.43	2.70	2.97	3.24	3.51	3.78
	24	0.65	0.98	1.31	1.64	1.97	2.30	2.63	2.96	3.29	3.62	3.95	4.28	4.61
	28	0.77	1.16	1.55	1.94	2.33	2.72	3.11	3.50	3.89	4.28	4.67	5.06	5.45
	32	0.89	1.34	1.79	2.24	2.69	3.14	3.59	4.04	4.49	4.94	5.39	5.84	6.29
	36	1.01	1.52	2.03	2.54	3.05	3.56	4.07	4.58	5.09	5.60	6.11	6.62	7.13
	40	1.13	1.70	2.27	2.84	3.41	3.98	4.55	5.12	5.69	6.26	6.83	7.40	7.97
	44	1.25	1.88	2.51	3.14	3.77	4.40	5.03	5.66	6.29	6.92	7.55	8.18	8.81
	48	1.37	2.06	2.75	3.44	4.13	4.82	5.51	6.20	6.89	7.58	8.27	8.96	9.65
	52	1.49	2.24	2.99	3.74	4.49	5.24	5.99	6.74	7.49	8.24	8.99	9.74	10.49
	56	1.61	2.42	3.23	4.04	4.85	5.66	6.47	7.28	8.09	8.90	9.71	10.52	11.33
	60	1.72	2.59	3.46	4.33	5.20	6.07	6.94	7.81	8.68	9.55	10.42	11.29	12.16
	64	1.84	2.77	3.70	4.63	5.56	6.49	7.42	8.35	9.28	10.21	11.14	12.07	13.00
	68	1.96	2.95	3.94	4.93	5.92	6.91	7.90	8.89	9.88	10.87	11.86	12.85	13.84
	72	2.08	3.13	4.18	5.23	6.28	7.33	8.38	9.43	10.48	11.53	12.58	13.63	14.68
	76	2.20	3.31	4.42	5.53	6.64	7.75	8.86	9.97	11.08	12.19	13.30	14.41	15.52
	80	2.32	3.49	4.66	5.83	7.00	8.17	9.34	10.51	11.68	12.85	14.02	15.19	16.36
	84	2.44	3.67	4.90	6.13	7.36	8.59	9.82	11.05	12.28	13.51	14.74	15.97	17.20
	88	2.56	3.85	5.14	6.43	7.72	9.01	10.30	11.59	12.88	14.17	15.46	16.75	18.04
92	2.68	4.03	5.38	6.73	8.08	9.43	10.78	12.13	13.48	14.83	16.18	17.53	18.88	
96	2.79	4.20	5.61	7.02	8.43	9.84	11.25	12.66	14.07	15.48	16.89	18.30	19.71	
100	2.91	4.38	5.85	7.32	8.79	10.26	11.73	13.20	14.67	16.14	17.61	19.08	20.55	
104	3.03	4.56	6.09	7.62	9.15	10.68	12.21	13.74	15.27	16.80	18.33	19.86	21.39	
108	3.15	4.74	6.33	7.92	9.51	11.10	12.69	14.28	15.87	17.46	19.05	20.64	22.23	
112	3.27	4.92	6.57	8.22	9.87	11.52	13.17	14.82	16.47	18.12	19.77	21.42	23.07	
116	3.39	5.10	6.81	8.52	10.23	11.94	13.65	15.36	17.07	18.78	20.49	22.20	23.91	
120	3.51	5.28	7.05	8.82	10.59	12.36	14.13	15.90	17.67	19.44	21.21	22.98	24.75	

Core Velocity Through Cal. Plate (m/s):	0.00	0.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00
Core Velocity Through Louver (ft/min):	0	98	197	295	394	492	591	689	787	886	984
Free Area Velocity (ft/min):		66	132	199	265	331	397	464	530	596	662
Effectiveness Ratio (%):	100.0%	100.0%	100.0%	100.0%	100.0%	99.3%	99.0%	97.0%	95.4%	93.5%	88.4%
Rating Effectiveness:	A	A	A	A	A	A	A	B	B	C	C

PRESSURE DROP- 2570H/ 2575H

FIGURE 5.5, TEST SIZE 48" x 48"



RECOMMENDED SPECIFICATION

Furnish and install stationary louver model 2570H as manufactured by Ventex Inc., Alliston, Ontario. Louver must be licensed to bear the AMCA seal. Louvers shall be 5-1/8" (130 mm) deep. Blades shall be 0.08" (2.032 mm) extruded 6063-T5 aluminum alloy and frame shall be 0.080" (2.032 mm) extruded 6063-T5 aluminum alloy. Louvers shall have 19 gauge galvanized 1/2" x 1/2" birdscreen. All materials shall be factory finished after assembly with Polyester Powder Coat in a colour selected from the Ventex Colour Chart.

CERTIFIED RATINGS

Ventex Inc. certifies that the model 2570H shown here in 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 Ratings seal applies to Wind-Driven Rain and Air Performance ratings.

