

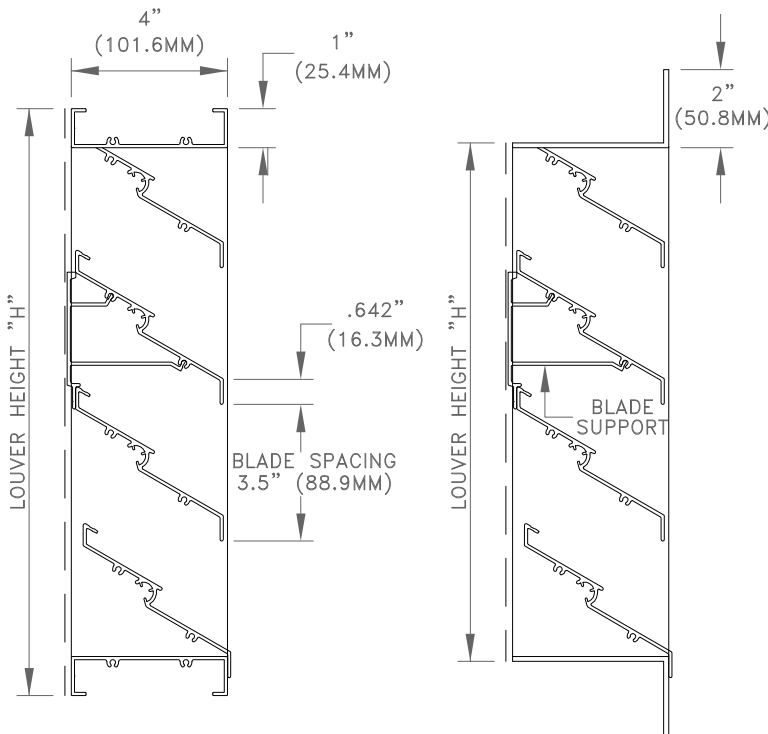
**XF-430W**  
HORIZONTAL SECTION



**ALUMINUM LOUVER**  
**XC-430W XF-430W**

STANDARD SPECIFICATIONS

- CONST. - 6063-T5 EXTRUDED ALUMINUM, WELDED ASSEMBLY
- FRAME - 4" X 1" X .081", (101.6MM X 25.4MM X 2.1MM) CHANNEL, UP TO 48" (1219.2MM)  
4" X 1.5" X .081", (101.6MM X 38.1MM X 2.1MM) OVER 48" (1219.2MM), BUTT CORNERS
- BLADES - 4" X .081" (101.6MM X 2.1MM) SET AT 30°, 3.5" (88.9MM) SPACING, EXTRA WEATHERLIP AT CENTER, SUPPORTS AT 48" (1219.2MM) CENTERS
- SCREEN - .5" X .5" (12.7MM X 12.7MM) X 18 GAUGE GALVANIZED, SCREW FASTENED
- FINISH - MILL ALUMINUM
- SIZE - MINIMUM 12" X 12" (304.8MM X 304.8MM)  
MAXIMUM SECTION WIDTH 144" (3657.6MM)  
MAXIMUM SECTION HEIGHT 144" (3657.6MM)  
MAXIMUM SECTION SIZE 72 SQ. FT.



**XC-430W**      **XF-430W**  
VERTICAL SECTION      VERTICAL SECTION

OPTIONS

- CONST. - WELDED, CONTINUOUS BLADES, ROUND, TRIANGULAR SHAPES, ETC.
- FRAME - XF-FLANGE FRAME 2" X 4" X .125" (50.8MM X 101.6MM X 3.2MM), MITRED CORNERS
- SCREEN - AS PER REQUEST
- FINISH - BAKED ENAMEL, ANODIZED & OTHERS

TECHNICAL NOTES

- MAX. REC. INTAKE VEL. - 725 FPM THROUGH FREE AREA
- SHIPPING WEIGHT - APPROX. 5 LBS./SQ. FT.

LOUVERS ARE MANUFACTURED .5" (12.7MM) SMALLER THAN ORDERED SIZE UNLESS EXACT DIMENSIONS ARE STATED

\* FOR MORE INFORMATION, CONTACT OUR FACTORY \*

**NOTES**

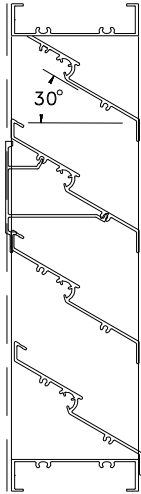
**APPROVAL**

DATE:  
PROJECT:  
ENGINEER:  
CUSTOMER:  
DISTRIBUTOR:

XC430W-1



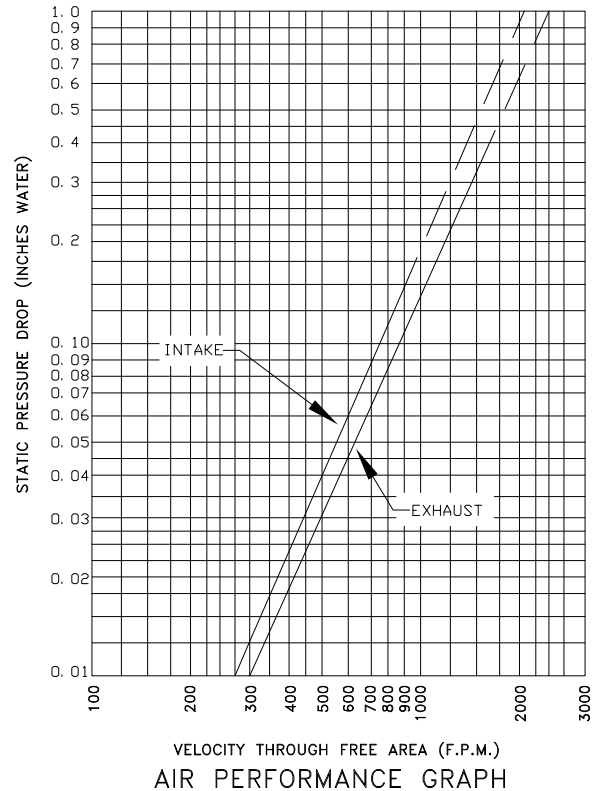
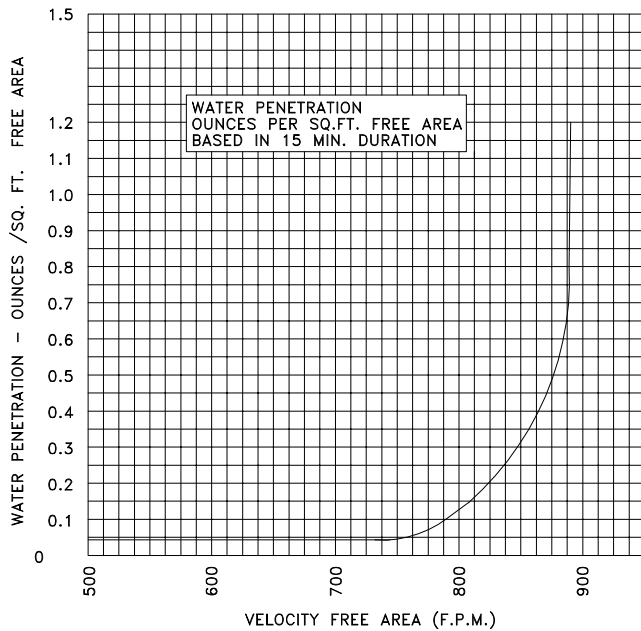
# ALUMINUM LOUVER XC-430W



TEST  
CONDITIONS:  
A 48" X 48"  
LOUVER WAS  
USED FOR  
THE TEST;  
AT STANDARD  
AIR DENSITY  
AND  
OPERATING  
TEMPERATURE  
RANGE OF  
65°F - 85°F,  
AND  
15 MINUTES  
TEST DURATION

		WIDTH (INCHES)										
		12	18	24	30	36	42	48	54	60	66	72
12	HEIGHT (INCHES)	0.32	0.52	0.72	0.91	1.11	1.88	1.51	1.71	1.90	2.10	2.30
16	HEIGHT (INCHES)	0.50	0.81	1.12	1.44	1.75	2.63	2.37	2.68	2.99	3.30	3.62
20	HEIGHT (INCHES)	0.68	1.11	1.53	1.96	2.38	3.37	3.23	3.66	4.08	4.51	4.93
24	HEIGHT (INCHES)	0.87	1.40	1.94	2.48	3.02	4.12	4.09	4.63	5.17	5.71	6.25
28	HEIGHT (INCHES)	1.05	1.70	2.35	3.00	3.65	4.87	4.96	5.61	6.26	6.91	7.56
32	HEIGHT (INCHES)	1.23	1.99	2.76	3.52	4.29	5.62	5.82	6.58	7.35	8.11	8.88
36	HEIGHT (INCHES)	1.41	2.29	3.17	4.04	4.92	6.37	6.68	7.56	8.43	9.31	10.19
40	HEIGHT (INCHES)	1.59	2.58	3.58	4.57	5.56	7.12	7.54	8.53	9.52	10.51	11.51
44	HEIGHT (INCHES)	1.77	2.88	3.98	5.09	6.19	7.86	8.40	9.51	10.61	11.72	12.82
48	HEIGHT (INCHES)	1.96	3.17	4.39	5.61	6.83	8.61	9.26	10.48	11.70	12.92	14.14
52	HEIGHT (INCHES)	2.14	3.47	4.80	6.13	7.46	9.36	10.13	11.46	12.79	14.12	15.45
56	HEIGHT (INCHES)	2.32	3.76	5.21	6.65	8.10	10.11	10.99	12.43	13.88	15.32	16.77
60	HEIGHT (INCHES)	2.50	4.06	5.62	7.18	8.73	10.86	11.85	13.41	14.97	16.52	18.08
64	HEIGHT (INCHES)	2.68	4.35	6.03	7.70	9.37	11.61	12.71	14.38	16.05	17.73	19.40
68	HEIGHT (INCHES)	2.87	4.65	6.43	8.22	10.00	12.36	13.57	15.36	17.14	18.93	20.71
72	HEIGHT (INCHES)	3.05	4.95	6.84	8.74	10.64	13.10	14.44	16.33	18.23	20.13	22.03
76	HEIGHT (INCHES)	3.23	5.24	7.25	9.26	11.27	13.85	15.30	17.31	19.32	21.33	23.34
80	HEIGHT (INCHES)	3.41	5.54	7.66	9.78	11.91	14.60	16.16	18.28	20.41	22.53	24.66
84	HEIGHT (INCHES)	3.59	5.83	8.07	10.31	12.54	15.35	17.02	19.26	21.50	23.73	25.97
88	HEIGHT (INCHES)	3.77	6.13	8.48	10.83	13.18	16.10	17.88	20.23	22.59	24.94	27.29
92	HEIGHT (INCHES)	3.96	6.42	8.89	11.35	13.82	16.85	18.74	21.21	23.67	26.14	28.60
96	HEIGHT (INCHES)	4.14	6.72	9.29	11.87	14.45	17.59	19.61	22.18	24.76	27.34	29.92
100	HEIGHT (INCHES)	4.32	7.01	9.70	12.39	15.09	18.34	20.47	23.16	25.85	28.54	32.23
104	HEIGHT (INCHES)	4.50	7.31	10.11	12.92	15.72	19.09	21.33	24.13	26.94	29.74	32.55
108	HEIGHT (INCHES)	4.68	7.60	10.52	13.44	16.36	19.84	22.19	25.11	28.03	30.95	33.86
112	HEIGHT (INCHES)	4.87	7.90	10.93	13.96	16.99	20.59	23.05	26.08	29.12	32.15	35.18
116	HEIGHT (INCHES)	5.05	8.19	11.34	14.48	17.63	21.34	23.92	27.06	30.20	33.35	36.49
120	HEIGHT (INCHES)	5.23	8.49	11.75	15.00	18.26	22.09	24.78	28.04	31.29	34.55	37.81
124	HEIGHT (INCHES)	5.41	8.78	12.15	15.52	18.90	22.83	25.64	29.01	32.38	35.75	39.12
128	HEIGHT (INCHES)	5.59	9.08	12.56	16.05	19.53	23.58	26.50	29.99	33.47	36.95	40.44
132	HEIGHT (INCHES)	5.77	9.37	12.97	16.57	20.17	24.33	27.36	30.96	34.56	38.16	41.75
136	HEIGHT (INCHES)	5.96	9.67	13.38	17.09	20.80	25.08	28.22	31.94	35.65	39.36	43.07
140	HEIGHT (INCHES)	6.14	9.96	13.79	17.61	21.44	25.83	29.09	32.91	36.74	40.56	44.38
144	HEIGHT (INCHES)	6.32	10.26	14.20	18.13	22.07	26.01	29.95	33.89	37.82	41.76	45.70

FREE AREA TABLE (SQ. FEET)  
RATING INCLUDES THE EFFECT OF A BIRDSCREEN



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