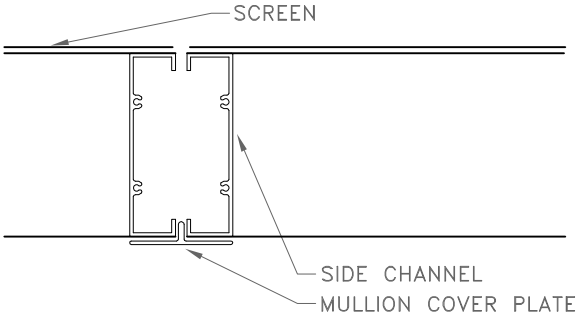




ALUMINUM LOUVER

XC-445W XF-445W



HORIZONTAL SECTION

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" (101.2MM X 38.1MM X 2.1MM) OVER 48" (1219.2MM), BUTT CORNERS
- BLADES - 4" X .081" (101.6MM X 2.1MM) SET AT 45° 4.5" (114.3MM) SPACING, SUPPORTS AT 48" (1219.2) W CENTERS
- FINISH - MILL ALUMINUM
- SCREEN - .5" X .5" (12.7MM X 12.7MM) X 18 GAUGE GALVANIZED, SCREW FASTENED
- SIZE - MINIMUM 12 "W" X 12 "H" (304.8MM X 304.8MM)
 MAXIMUM SECTION WIDTH 144" (3657.6MM)
 MAXIMUM SECTION HEIGHT 144" (3657.6MM)
 MAXIMUM SECTION SIZE 72 SQ. FT.

OPTIONS

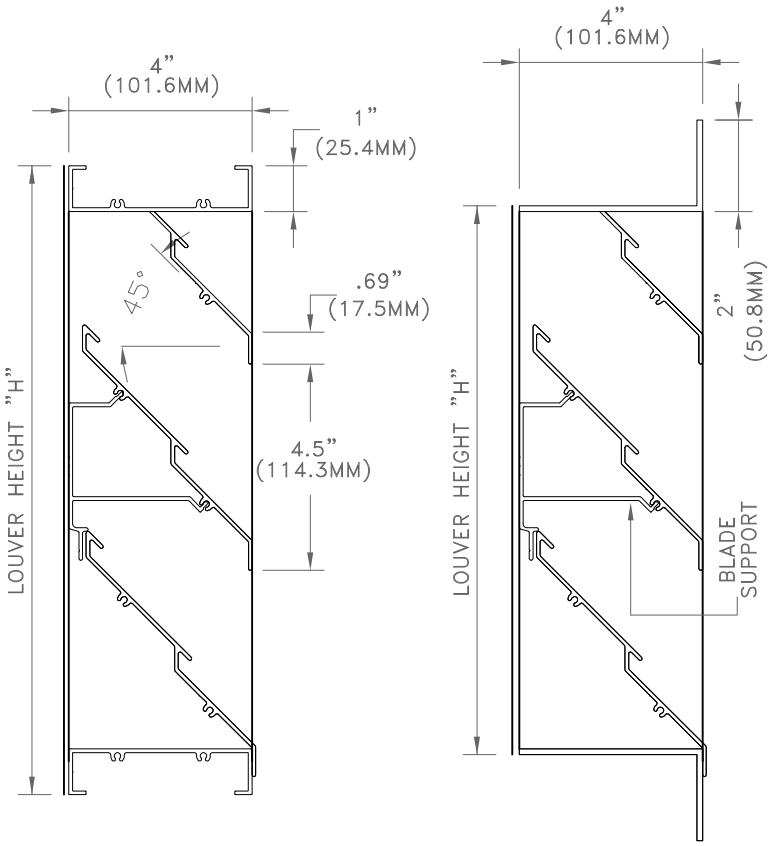
- CONST. - HEAVIER GAUGE, CONTINUOUS BLADES, ROUND, TRIANGULAR SHAPES, ETC.
- FRAME - XF-FLANGE FRAME 2" X .125" (50.8MM X 3.2MM), MITRED CORNERS
- SCREEN - AS PER REQUEST
- FINISH - BAKED ENAMEL, ANODIZED & OTHERS

TECHNICAL NOTES

MAX. REC. INTAKE VEL. - 744 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 *



XC-445W

XF-445W

NOTES

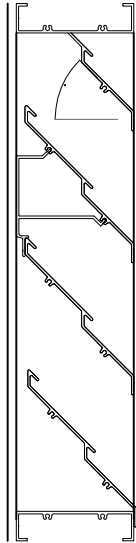
APPROVAL

DATE:
 PROJECT:
 ENGINEER:
 CUSTOMER:
 DISTRIBUTOR:

XC-445W



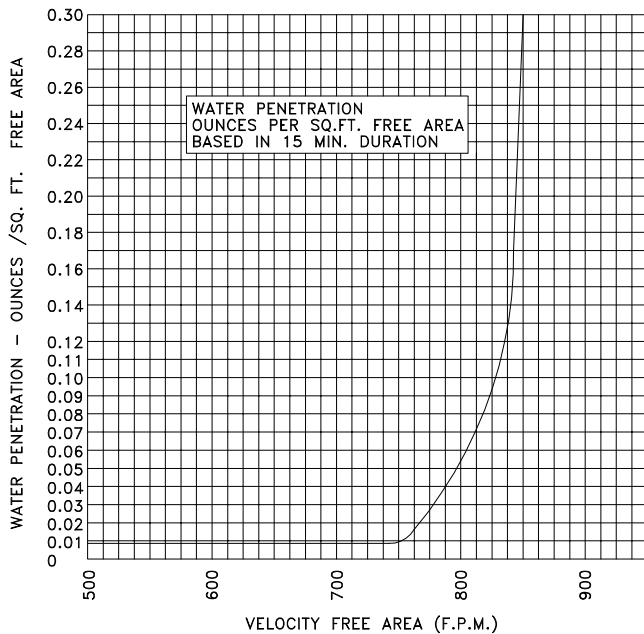
ALUMINUM LOUVER XC-445W



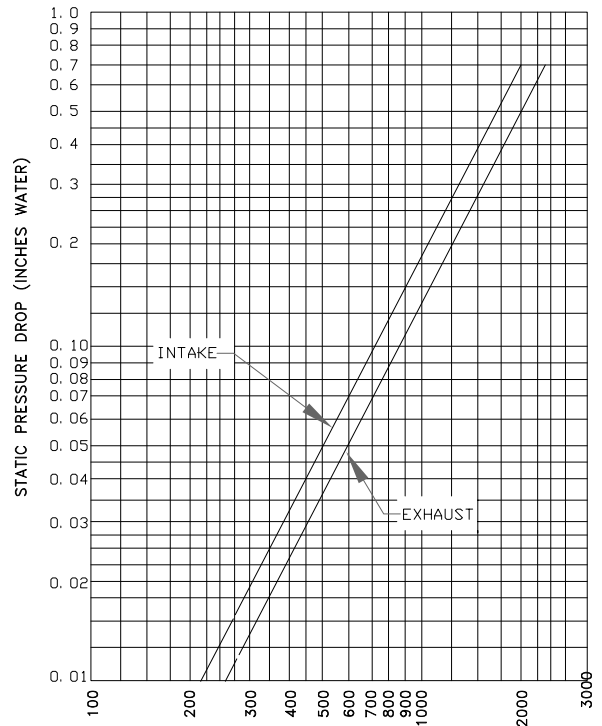
TEST CONDITIONS:
A 48" X 48" LOUVER WAS USED FOR THE TEST; AT STANDARD AIR DENSITY AND OPERATING TEMPERATURE RANGE OF 65°F - 85°F, AND 15 MINUTES TEST DURATION

		WIDTH (INCHES)										
		12	18	24	30	36	42	48	54	60	66	72
12	HEIGHT (INCHES)	0.16	0.25	0.36	0.46	0.57	0.67	0.77	0.87	0.97	1.07	1.17
16	0.32	0.52	0.72	0.92	1.12	1.32	1.52	1.72	1.92	2.12	2.32	
20	0.48	0.78	1.08	1.38	1.68	1.98	2.28	2.58	2.88	3.18	3.48	
24	0.64	1.04	1.44	1.84	2.24	2.64	3.04	3.44	3.84	4.24	4.64	
28	0.80	1.30	1.80	2.30	2.80	3.30	3.80	4.30	4.80	5.30	5.80	
32	0.94	1.52	2.11	2.69	3.27	3.86	4.44	5.03	5.61	6.20	6.78	
36	1.06	1.73	2.39	3.05	3.72	4.38	5.05	5.71	6.37	7.04	7.70	
40	1.19	1.93	2.68	3.42	4.16	4.90	5.65	6.39	7.13	7.88	8.62	
44	1.32	2.14	2.96	3.78	4.61	5.43	6.25	7.07	7.89	8.71	9.54	
48	1.45	2.35	3.25	4.15	5.05	5.95	6.85	7.75	8.65	9.55	10.46	
52	1.60	2.60	3.60	4.60	5.60	6.60	7.60	8.60	9.60	10.60	11.60	
56	1.76	2.86	3.96	5.06	6.16	7.29	8.36	9.46	10.56	11.66	12.76	
60	1.93	3.13	4.33	5.53	6.73	7.93	9.13	10.33	11.53	12.73	13.93	
64	2.09	3.39	4.69	5.99	7.29	8.59	9.89	11.19	12.49	13.79	15.09	
68	2.22	3.60	4.99	6.37	7.75	9.14	10.53	12.59	13.30	14.68	16.06	
72	2.35	3.81	5.27	6.74	8.20	9.67	11.13	13.27	14.06	15.52	16.98	
76	2.47	4.02	5.56	7.10	8.65	10.19	11.73	13.95	14.82	16.36	17.90	
80	2.60	4.22	5.85	7.47	9.09	10.71	12.33	14.64	15.58	17.20	18.82	
84	2.73	4.43	6.13	7.83	9.53	11.23	12.93	15.49	16.34	18.04	19.74	
88	2.89	4.69	6.49	8.29	10.09	11.89	13.69	16.35	17.29	19.09	20.89	
92	3.05	4.95	6.85	8.75	11.65	12.55	14.45	17.21	18.25	20.15	22.05	
96	3.21	5.21	7.21	9.21	11.21	13.21	15.21	18.07	19.21	21.21	23.21	
100	3.37	5.47	7.57	9.67	11.77	13.87	15.97	18.79	20.17	22.27	24.37	
104	3.50	5.69	7.87	10.06	12.24	14.43	16.61	19.48	20.98	23.16	25.35	
108	3.63	5.89	8.16	10.42	12.68	14.95	17.21	21.16	21.74	24.00	26.27	
112	3.76	6.10	8.44	10.79	13.13	15.47	17.81	20.16	22.50	24.84	27.18	
116	3.89	6.31	8.73	11.15	13.57	15.99	18.42	20.84	23.26	25.68	28.10	
120	4.01	6.51	9.01	11.51	14.02	16.52	19.02	21.52	24.02	26.52	29.02	
124	4.17	6.77	9.37	11.97	14.57	17.17	19.77	22.37	24.97	27.57	30.17	
128	4.33	7.03	9.73	12.43	15.13	17.83	20.53	23.23	25.93	28.63	31.33	
132	4.49	7.29	10.09	12.89	15.69	18.49	21.29	24.09	26.89	29.69	32.49	
136	4.65	7.55	10.45	13.35	16.25	19.15	22.05	24.95	27.85	30.75	33.65	
140	4.79	7.77	10.76	13.74	16.72	19.71	22.69	25.68	28.66	31.65	34.63	
144	4.91	7.98	11.04	14.10	17.17	20.23	23.30	26.36	29.42	32.49	35.55	

FREE AREA TABLE (SQUARE FEET)
RATINGS INCLUDE THE EFFECT OF A BIRD SCREEN



WATER PENETRATION GRAPH
744 F.P.M. BEGINNING OF WATER PENETRATION
(8.45 MPH WIND)



AIR PERFORMANCE GRAPH

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