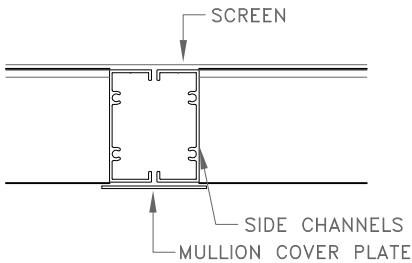




ALUMINUM LOUVER

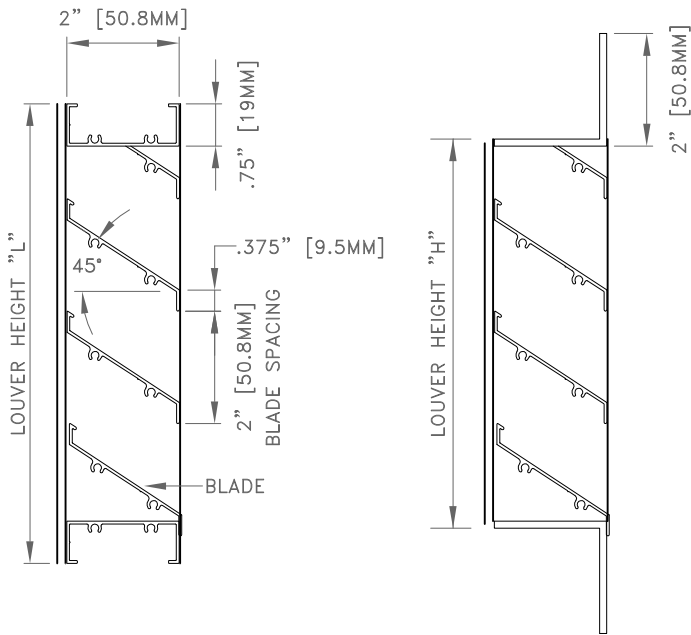
XC-245 XF-245



HORIZONTAL SECTION

STANDARD SPECIFICATIONS

- CONST. - 6063-T5 EXTRUDED ALUMINUM, SCREWED ASSEMBLY
- FRAME - 2" X .75" X .05" (50.8MM X 19.1MM X 1.3MM) CHANNEL, BUTT CORNERS
- BLADES - 2" X .05" (50.8MM X 1.3MM) SET AT 45°, 2" (50.8MM) BLADE SPACING, SUPPORTS AT 24" (609.6MM) CENTERS
- SCREEN - .5" X .5" (12.7MM X 12.7MM) X 18 GAUGE GALVANIZED, SCREW FASTENED
- FINISH - MILL ALUMINUM
- SIZE - MINIMUM 6" W X 6" H (152.4MM X 152.4MM)
 MAXIMUM SECTION WIDTH 72" (1828.8MM)
 MAXIMUM SECTION HEIGHT 72" (1828.8MM)
 MAXIMUM SECTION SIZE 36 SQ. FT.



OPTIONS

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

TECHNICAL NOTES

- MAX. REC. INTAKE VEL. - 605 FPM THROUGH FREE AREA
- SHIPPING WEIGHT - APPROX. 3 LBS./SQ. FT.

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

* FOR MORE INFORMATION, CONTACT OUR FACTORY *

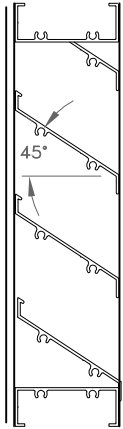
XC-245
VERTICAL SECTION

XF-245
VERTICAL SECTION

NOTES	APPROVAL
DATE: PROJECT: ENGINEER: CUSTOMER: DISTRIBUTOR:	



ALUMINUM LOUVER XC-245

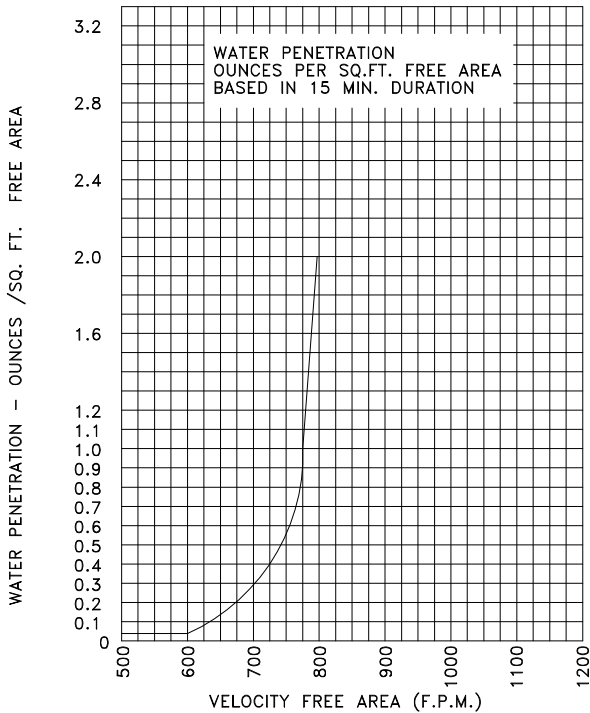


TEST CONDITIONS:
A 48" X 48" LOUVER WAS USED FOR THE TEST; AT STANDARD AIR DENSITY AND OPERATING TEMPERATURE RANGE OF 65°F - 85°F, AND 15 MINUTES TEST DURATION

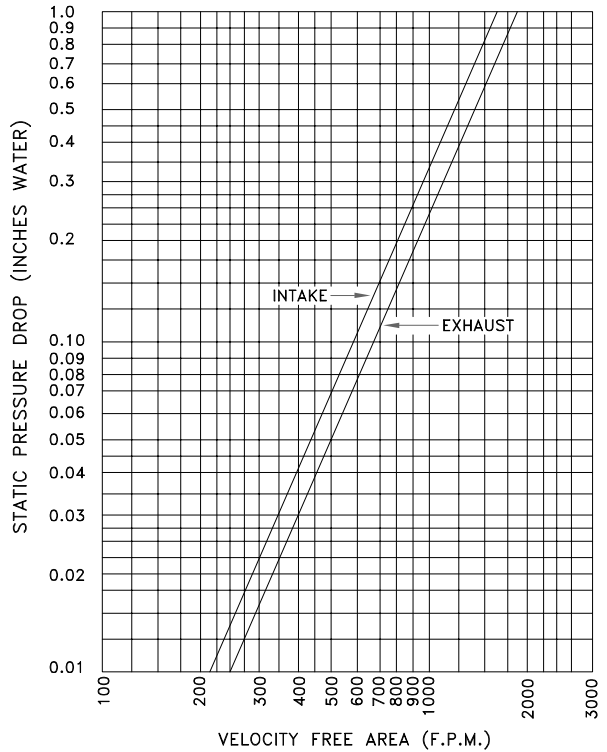
		WIDTH (INCHES)										
		12	18	24	30	36	42	48	54	60	66	72
HEIGHT (INCHES)	12	0.25	0.39	0.54	0.68	0.83	0.97	1.12	1.26	1.41	1.55	1.70
	16	0.37	0.59	0.80	1.02	1.24	1.46	1.46	1.89	2.11	2.33	2.55
	20	0.49	0.78	1.07	1.36	1.65	1.94	1.94	2.53	2.82	3.11	3.40
	24	0.61	0.98	1.34	1.70	2.07	2.43	2.43	3.16	3.52	3.88	4.25
	28	0.74	1.17	1.61	2.04	2.48	2.92	2.92	3.79	4.22	4.66	5.10
	32	0.86	1.37	1.88	2.38	2.89	3.40	3.40	4.42	4.93	5.44	5.95
	36	0.98	1.56	2.14	2.73	3.31	3.89	3.89	5.05	5.63	6.21	6.80
	40	1.10	1.76	2.41	3.07	3.72	4.37	4.37	5.68	6.34	6.99	7.65
	44	1.23	1.95	2.68	3.41	4.13	4.86	4.86	6.31	7.04	7.77	8.49
	48	1.35	2.15	2.95	3.75	4.55	5.35	5.35	6.95	7.75	8.54	9.34
	52	1.47	2.34	3.22	4.09	4.96	5.83	5.83	7.58	8.45	9.32	10.19
	56	1.59	2.54	3.48	4.43	5.37	6.32	6.32	8.21	9.15	10.10	11.04
	60	1.72	2.73	3.75	4.77	5.79	6.80	6.80	8.84	9.86	10.88	11.89
64	1.84	2.93	4.02	5.11	6.20	7.29	7.29	9.47	10.56	11.65	12.74	
68	1.96	3.13	4.29	5.45	6.61	7.78	7.78	10.10	11.27	12.43	13.59	
72	2.09	3.32	4.56	5.79	7.03	8.26	8.26	10.73	11.97	13.21	14.44	

FREE AREA TABLE (SQUARE FEET)

RATINGS INCLUDE THE EFFECT OF A BIRD SCREEN



WATER PENETRATION GRAPH
605 F.P.M. BEGINNING OF WATER PENETRATION
(6.88 MPH WIND)



AIR PERFORMANCE GRAPH

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