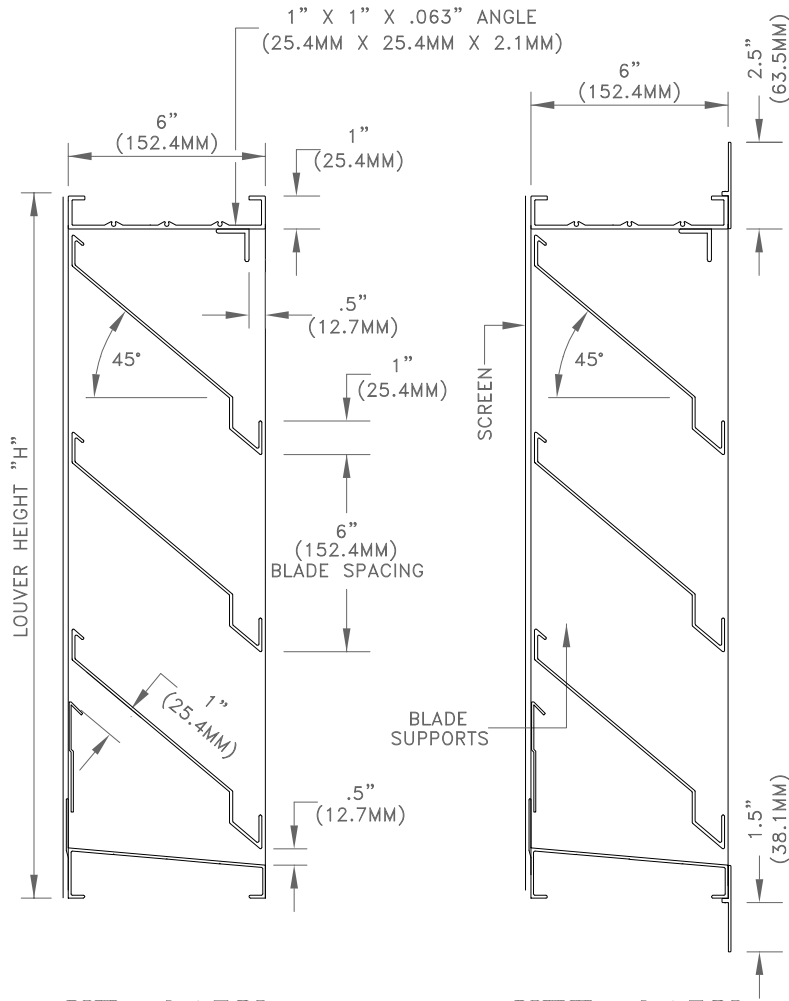


HORIZONTAL SECTION



XT-645U
VERTICAL SECTION

XTF-645U
VERTICAL SECTION



ALUMINUM LOUVER XT-645U XTF-645U

STANDARD SPECIFICATIONS

- CONST. - 6063-T5 FORMED ALUMINUM, WELDED ASSEMBLY
- FRAME - 6" X 1" X .081", (152.4MM X 25.4MM X 2.1MM) CHANNEL, SIDE DRAIN CHANNELS, 5° SLOPED SILL, BUTT CORNERS
- BLADES - 6" X .081" (152.4MM X 2.1MM), SET AT 45°, 6" (152.4MM) BLADE SPACING, TYPE "U" CARRIES WATER TO DRAIN CHANNELS, SUPPORTS AT 48" (1219.2MM) W CENTERS
- SCREEN - .75" X .75" (19.1MM X 19.1MM) X 18 GA. GALVANIZED, SCREW FASTENED
- FINISH - MILL ALUMINUM
- SIZE - MINIMUM 12" X 16" (304.8MM X 406.4MM)
MAXIMUM SECTION WIDTH 144" (3657.6MM)
MAXIMUM SECTION HEIGHT 144" (3657.6MM)
MAXIMUM SECTION SIZE 72 SQ. FT.

OPTIONS

- CONST. - CONTINUOUS BLADES, TRANGULAR SHAPES
- FRAME - ATF-ADD FLANGE FRAME 1.5" (38.1MM) USING A 2.5" X .081" (63.5MM X 2.1MM) T-BAR
- SCREEN - AS PER REQUEST
- FINISH - BAKED ENAMEL, ANODIZED & OTHERS

TECHNICAL NOTES

- MAX. REC. INTAKE VEL. - 1047 FPM THROUGH FREE AREA
- SHIPPING WEIGHT - APPROX. 6 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

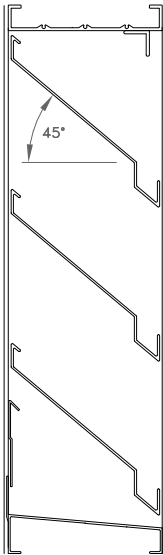
APPROVAL

DATE:
PROJECT:
ENGINEER:
CUSTOMER:
DISTRIBUTOR:

XT-645U



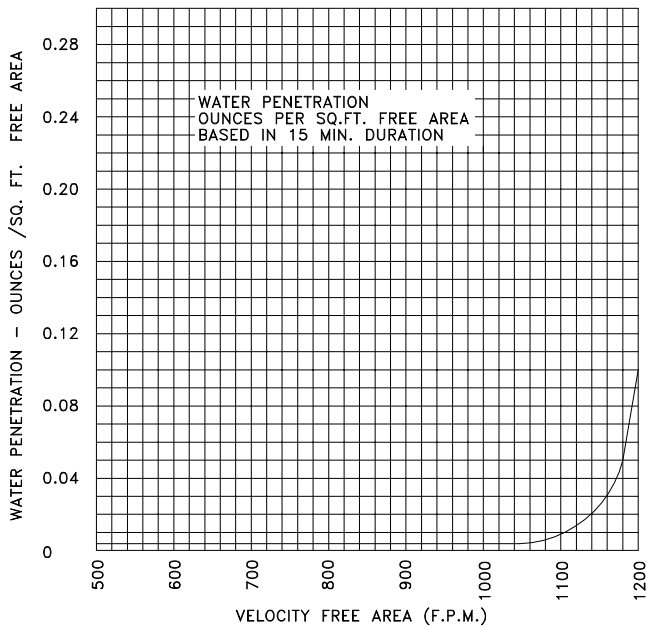
ALUMINUM LOUVER XT-645U



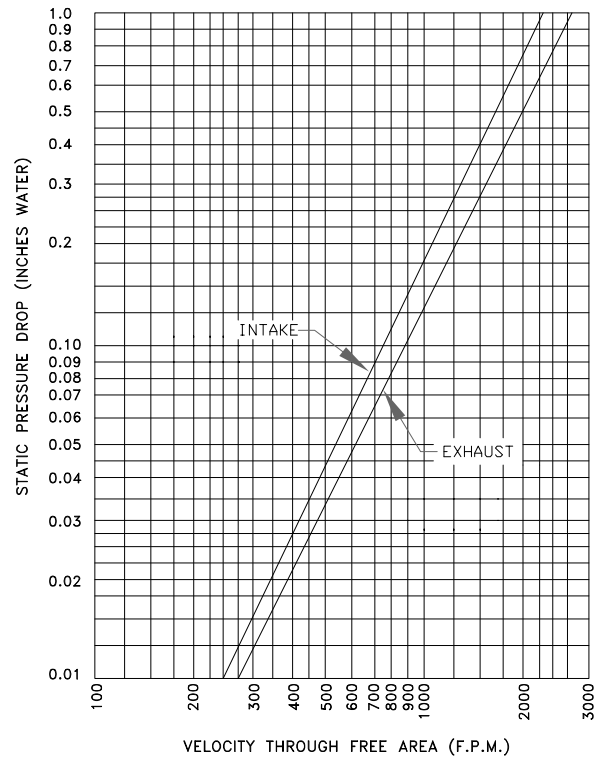
TEST CONDITIONS:
A 48" X 48" LOUVER WAS USED FOR THE TEST AT STANDARD AND OPERATING TEMPERATURE RANGE OF 65°F - 85°F, AND 15 MINUTES TEST DURATION WATER PENETRATION

		WIDTH (INCHES)										
		12	18	24	30	36	42	48	54	60	66	72
HEIGHT (INCHES)	18	0.41	0.69	0.97	1.25	1.53	1.82	2.10	2.38	2.66	2.94	3.23
	24	0.63	1.07	1.51	1.95	2.39	2.82	3.26	3.70	4.14	4.58	5.02
	30	0.86	1.45	2.05	2.64	3.24	3.83	4.43	5.02	5.62	6.21	6.81
	36	1.08	1.83	2.59	3.34	4.09	4.84	5.59	6.35	7.10	7.85	8.60
	42	1.31	2.22	3.12	4.03	4.94	5.85	6.76	7.67	8.58	9.48	10.39
	48	1.53	2.60	3.66	4.73	5.79	6.86	7.92	8.99	10.05	11.12	12.19
	54	1.76	2.98	4.20	5.42	6.65	7.87	9.09	10.31	11.53	12.76	13.98
	60	1.98	3.36	4.74	6.12	7.50	8.88	10.25	11.63	13.01	14.39	15.77
	66	2.21	3.74	5.28	6.81	8.35	9.88	11.42	12.96	14.49	16.03	17.56
	72	2.43	4.12	5.82	7.51	9.20	10.89	12.59	14.28	15.97	17.66	19.35
	78	2.66	4.51	6.36	8.20	10.05	11.90	13.75	15.60	17.45	19.30	21.15
	84	2.88	4.89	6.89	8.90	10.91	12.91	14.92	16.92	18.93	20.93	22.94
	90	3.11	5.27	7.43	9.59	11.76	13.92	16.08	18.24	20.41	22.57	24.73
	96	3.33	5.65	7.97	10.29	12.61	14.93	17.25	19.57	21.88	24.20	26.52
102	3.56	6.03	8.51	10.99	13.46	15.94	18.41	20.89	23.36	25.84	28.31	
108	3.78	6.42	9.05	11.68	14.31	16.95	19.58	22.21	24.84	27.47	30.11	
114	4.01	6.80	9.59	12.38	15.17	17.95	20.74	23.53	26.32	29.11	31.90	
120	4.23	7.18	10.13	13.07	16.02	18.96	21.91	24.85	27.80	30.75	33.69	
126	4.46	7.56	10.66	13.77	16.87	19.97	23.07	26.18	29.28	32.38	35.48	
132	4.68	7.94	11.20	14.46	17.72	20.98	24.24	27.50	30.78	34.02	37.28	
138	4.91	8.33	11.74	15.16	18.57	21.99	25.40	28.82	32.24	35.65	39.07	
144	5.14	8.71	12.28	15.85	19.43	23.00	26.57	30.14	33.71	37.29	40.86	

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



WATER PENETRATION GRAPH
1047 F.P.M. BEGINNING OF WATER PENETRATION
(11.9 MPH WIND)



AIR PERFORMANCE GRAPH

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