

HORIZONTAL SECTION



**ALUMINUM LOUVER
AT-645V ATF-645V**

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, GUTTER TYPE "V" CARRIES WATER TO SIDE 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.

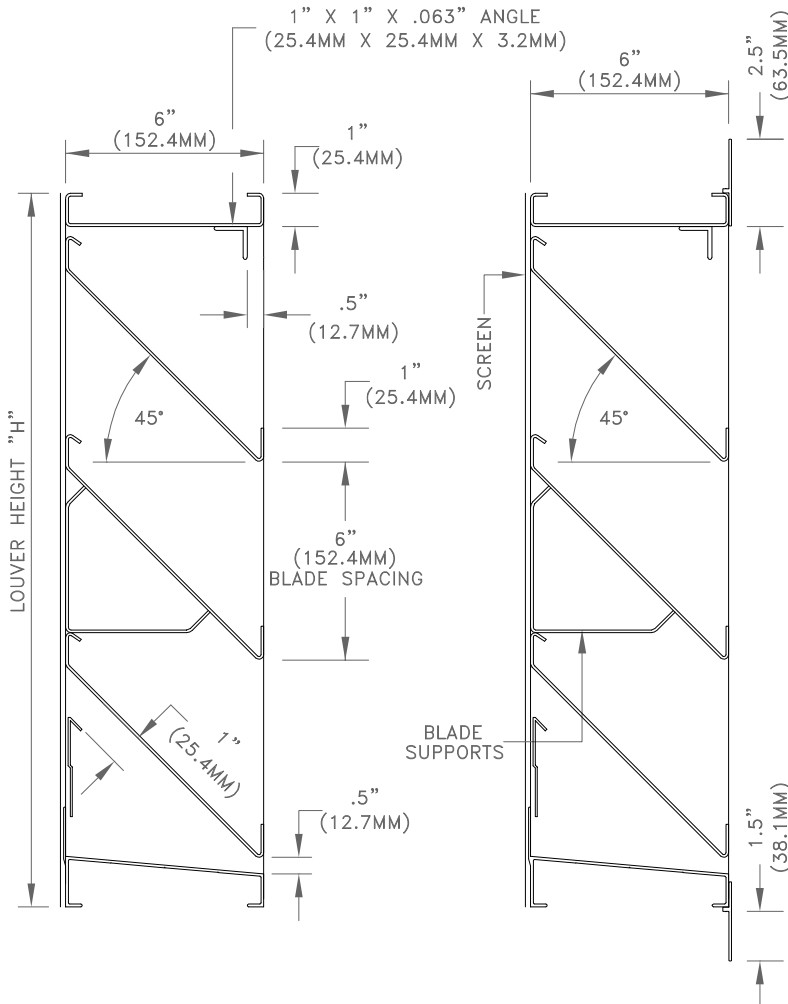
OPTIONS

- CONST. - CONTINUOUS BLADES, TRANGULAR SHAPES
- FRAME - XTF-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. - 1255 FPM THROUGH FREE AREA
- SHIPPING WEIGHT - APPROX. 8 LBS./SQ. FT.

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



**AT-645V
VERTICAL SECTION**

**ATF-645V
VERTICAL SECTION**

* FOR MORE INFORMATION, CONTACT OUR FACTORY *

NOTES

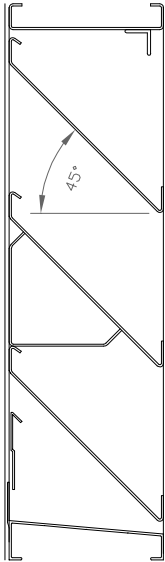
APPROVAL

DATE:
PROJECT:
ENGINEER:
CUSTOMER:
DISTRIBUTOR:

AT-645V



ALUMINUM LOUVER AT-645V

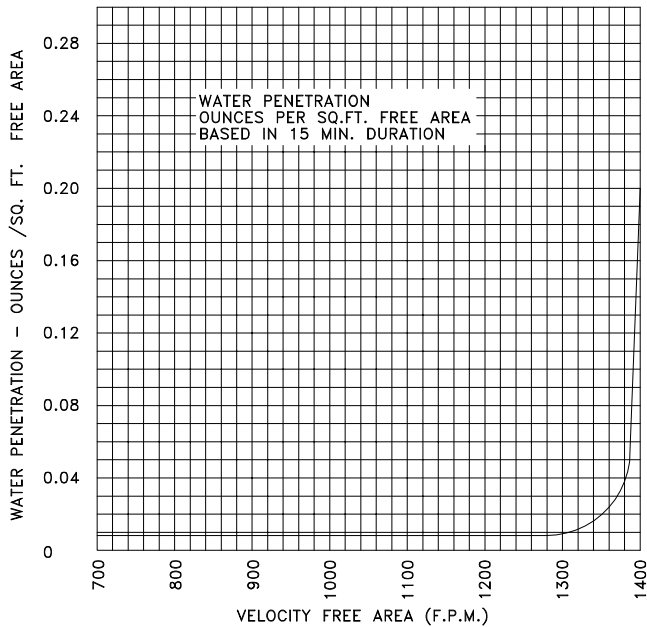


TEST
CONDITIONS:
A 48" X 48"
LOUVER WAS
USED FOR
THE TEST
AT STANDARD
AND
OPERATING
TEMPERATURE
RANGE OF
65°F - 85°F,
AND
15 MINUTES
TEST DURATION
WATER PENETRATION

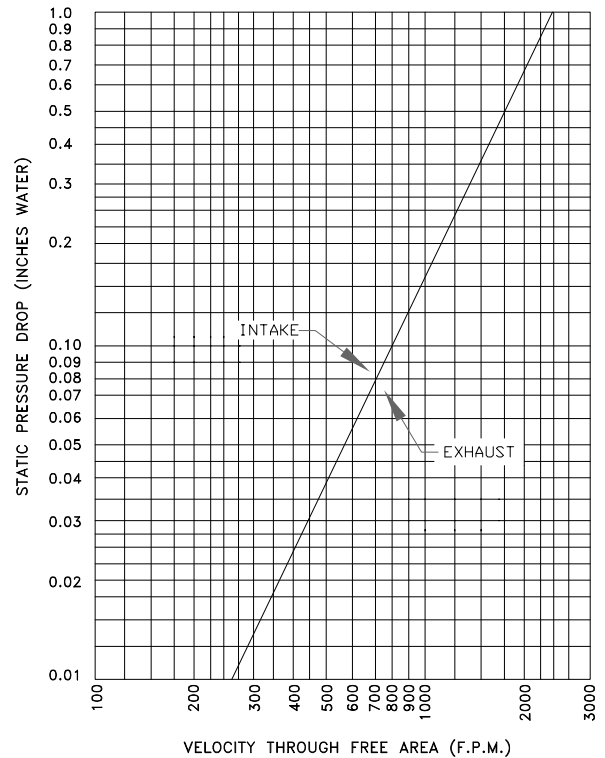
		WIDTH (INCHES)										
		12	18	24	30	36	42	48	54	60	66	72
HEIGHT (INCHES)	18	0.41	0.69	0.97	1.25	1.53	1.82	2.10	2.38	2.66	2.94	3.23
	24	0.63	1.07	1.51	1.95	2.39	2.82	3.26	3.70	4.14	4.58	5.02
	30	0.86	1.45	2.05	2.64	3.24	3.83	4.43	5.02	5.62	6.21	6.81
	36	1.08	1.83	2.59	3.34	4.09	4.84	5.59	6.35	7.10	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	30.76	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 (SQUARE FEET)

RATING INCLUDES THE EFFECT OF A BIRDSCREEN



WATER PENETRATION GRAPH
1255 F.P.M. BEGINNING OF WATER PENETRATION
(14.26 MPH WIND)



AIR PERFORMANCE GRAPH

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