

HORIZONTAL SECTION

**ALUMINUM LOUVER
XC-1.530 XF-1.530**

STANDARD SPECIFICATIONS

- CONST. - 6063-T5 EXTRUDED ALUMINUM, WELDED ASSEMBLY
- FRAME - 1.5" X .75" X .125" (38.1MM X 19.1MM X 3.2MM) CHANNEL, BUTT CORNERS
- BLADES - 1.5" X .125" (38.1MM X 3.2MM) SET AT 30°, 1" (25.4MM) BLADE SPACING, SUPPORTS AT 12" (304.8MM) CENTERS ON SIZES OVER 16" (406.4)
- SCREEN - .5" X .5", (12.7MM X 12.7MM) X 18 GA. 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

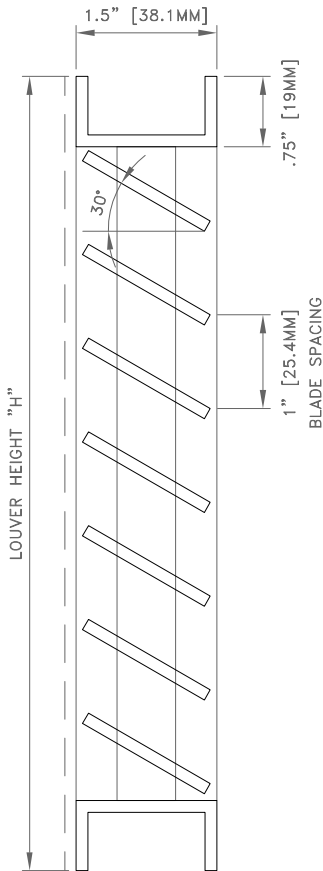
- CONST. - SHAPES NOT AVAILABLE IN THIS MODEL
- FRAME - XF-FLANGE FRAME 1.5" X .125" (38.1MM X 3.2MM), MITRED CORNERS
- SCREEN - AS PER REQUEST
- FINISH - BAKED ENAMEL, ANODIZED & OTHERS

TECHNICAL NOTES

- MAX. REC. INTAKE VEL. - 500 FPM THROUGH FREE AREA
- SHIPPING WEIGHT - APPROX. 4 LBS./SQ. FT.

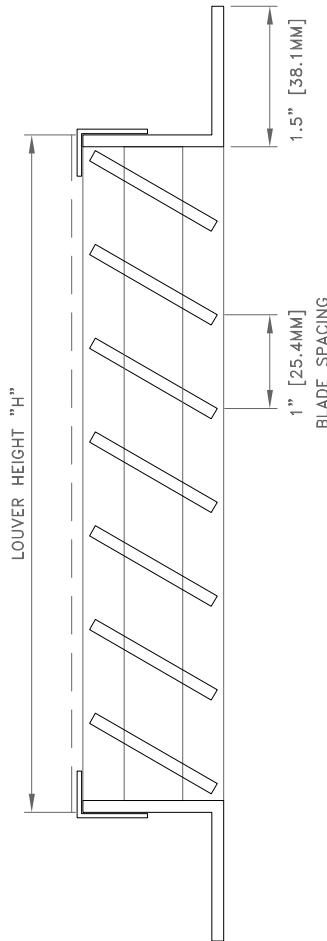
LOUVERS ARE MANUFACTURED .5" (12.7MM) SMALLER THAN ORDERED SIZE UNLESS EXACT DIMENSIONS ARE STATED.

* FOR MORE INFORMATION, CONTACT OUR FACTORY *



XF-1.530

VERTICAL SECTION



XF-1.530

VERTICAL SECTION

NOTES

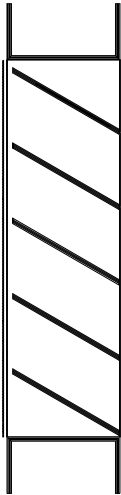
APPROVAL

DATE:
PROJECT:
ENGINEER:
CUSTOMER:
DISTRIBUTOR:

XC-1530-1-D



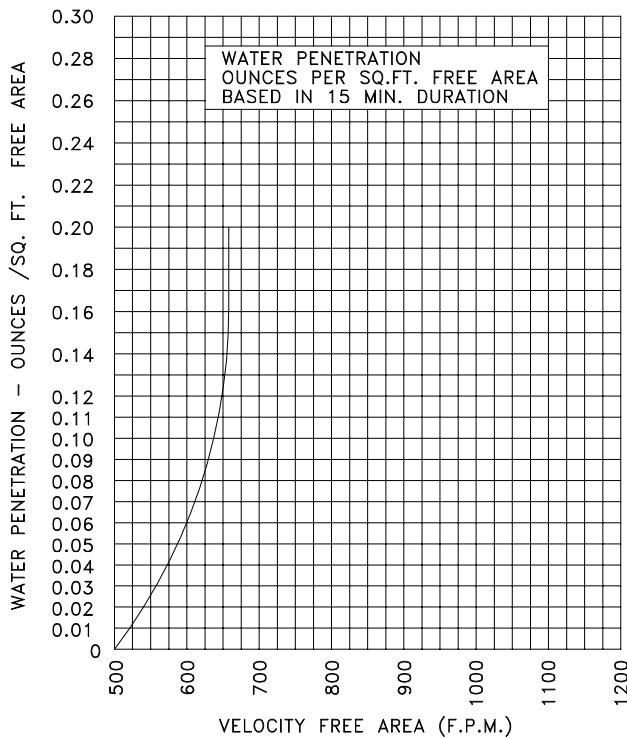
ALUMINUM LOUVER XC-1.530



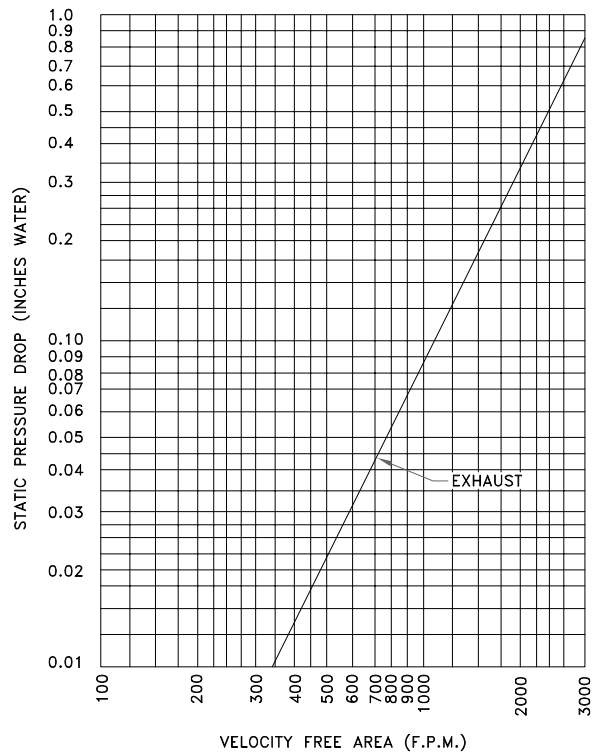
TEST
CONDITIONS:
A 48" X 48"
LOUVER WAS
USED FOR
THE TEST
AT STANDARD
AND
OPERATING
TEMPERATURE
RANGE OF
65°F - 85°F,
AND
15 MINUTES
TEST DURATION
WATER PENETRATION

HEIGHT (INCHES)	WIDTH (INCHES)										
	12	18	24	30	36	42	48	54	60	66	72
8	0.26	0.42	0.57	0.73	0.89	1.64	1.20	1.35	1.51	1.67	1.82
12	0.43	0.69	0.95	1.22	1.48	1.74	2.08	2.26	2.52	2.78	3.84
16	0.61	0.97	1.34	1.70	2.07	2.43	2.88	3.16	3.52	3.89	4.25
20	0.78	1.25	1.72	2.19	2.66	3.13	3.59	4.06	4.53	5.00	5.47
24	0.95	1.53	2.10	2.67	3.25	3.82	4.39	4.97	5.54	6.11	6.68
28	1.13	1.81	2.48	3.16	3.84	4.51	5.19	5.87	6.55	7.22	7.90
32	1.30	2.08	2.86	3.65	4.43	5.21	5.99	6.77	7.55	8.33	9.11
36	1.48	2.36	3.25	4.13	5.02	5.98	6.79	7.67	8.56	9.44	10.33
40	1.65	2.64	3.63	4.62	5.61	6.60	7.59	8.58	9.57	10.56	11.53
44	1.82	2.92	4.01	5.10	6.20	7.29	8.39	9.48	10.57	11.67	12.76
48	2.00	3.19	4.39	5.59	6.79	7.99	9.18	10.38	11.58	12.78	13.98
48	2.00	3.19	4.39	5.59	6.79	7.99	9.18	10.38	11.58	12.78	13.98
52	2.17	3.47	4.77	6.08	7.38	8.68	9.98	11.28	12.59	13.89	15.19
56	2.34	3.75	5.16	6.56	7.97	9.38	10.78	12.19	13.59	15.08	16.41
60	2.52	4.83	5.54	7.05	8.56	10.07	11.58	13.09	14.60	16.11	17.62
64	2.69	4.31	5.92	7.53	9.15	10.76	12.38	13.99	15.61	17.22	18.84
68	2.86	4.58	6.30	8.02	9.74	11.46	13.18	14.90	16.61	18.33	20.05
72	3.04	4.86	6.68	8.51	10.53	12.15	13.98	15.80	17.62	19.44	21.27

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



WATER PENETRATION GRAPH
500 F.P.M. BEGINNING OF WATER PENETRATION
(5.68 MPH WIND)



AIR PERFORMANCE GRAPH

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