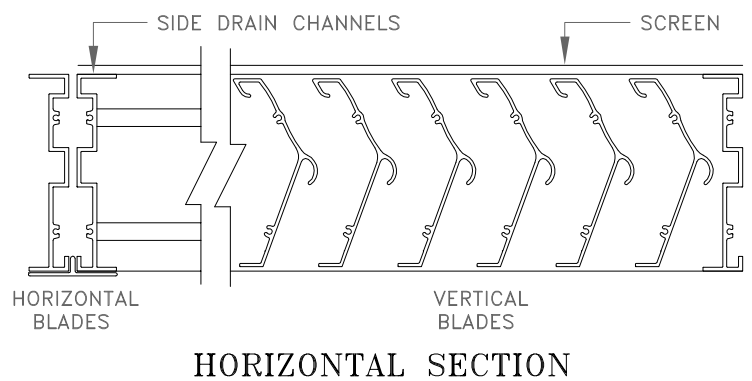




CHEVRON LOUVER XT-520W XTF-520W



HORIZONTAL SECTION

STANDARD SPECIFICATIONS

- CONST. - 6063-T5 EXTRUDED ALUMINUM, SCREWED ASSEMBLY
- FRAME - 5" X 1" X .081", (127MM X 25.4MM X 2.1MM) CHANNEL, SIDE SLOPED CHANNEL, 20° SLOPED SILL, BUTT CORNERS
- BLADES - 5" X .081" (127MM X 2.1MM), 2" (50.8MM) SPACING, TYPE "W" CARRIES WATER TO SIDE DRAIN CHANNELS, EXTRA WEATHERLIP AT CENTER
- SCREEN - .75" X .75" (19.1MM X 19.1MM) X 18 GA. GALVANIZED, SCREW FASTENED
- FINISH - MILL ALUMINUM
- SIZE - MINIMUM 12" X 12" (304.8MM X 304.8MM)
MAXIMUM SECTION WIDTH 144" (3657.6MM)
MAXIMUM SECTION HEIGHT 144" (3657.6MM)
MAXIMUM SECTION SIZE 60 SQ. FT.

OPTIONS

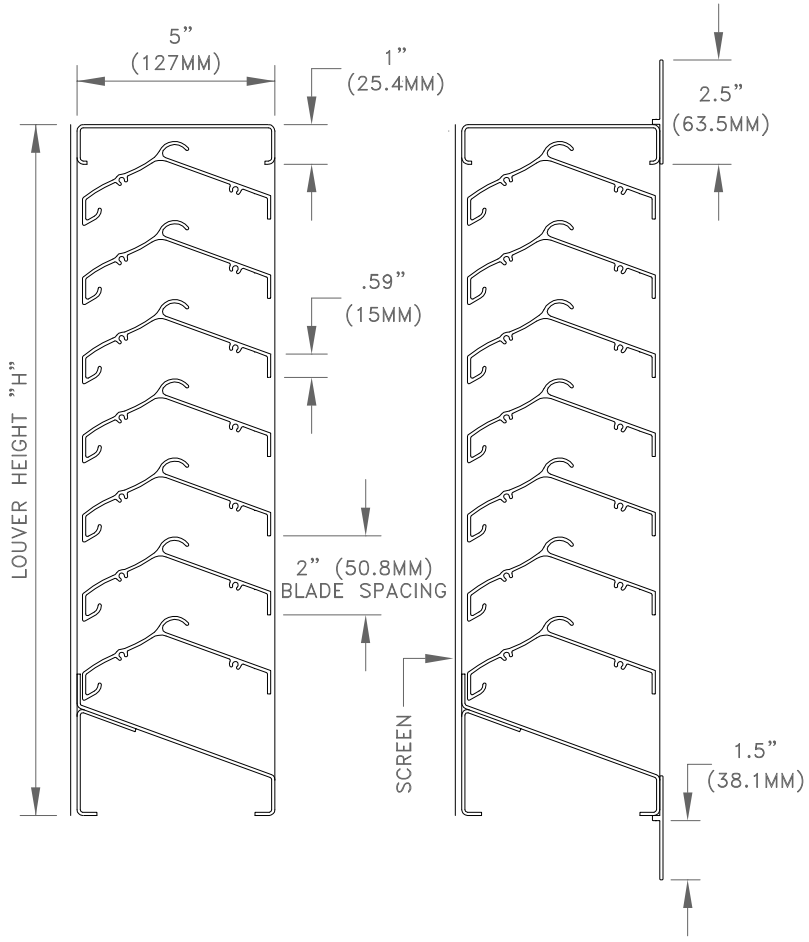
- FRAME - XTF-ADD FLANGE FRAME 1.5" (38.1MM) USING A 2.5" X .081" (63.5MM X 2.1MM) T-BAR
- BLADE - VERTICAL PLACEMENT
- SCREEN - AS PER REQUEST
- FINISH - BAKED ENAMEL, ANODIZED & OTHERS

TECHNICAL NOTES

- MAX. REC. INTAKE VEL. - 966 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

* FOR MORE INFORMATION, CONTACT OUR FACTORY *



XT-520W

XTF-520W

VERTICAL SECTION

VERTICAL SECTION

NOTES

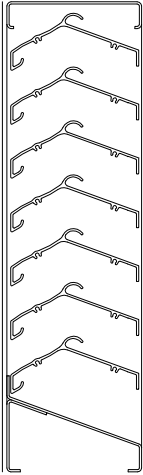
APPROVAL

DATE:
PROJECT:
ENGINEER:
CUSTOMER:
DISTRIBUTOR:

XT-520W CHEVRON



ALUMINUM LOUVER XT-520W



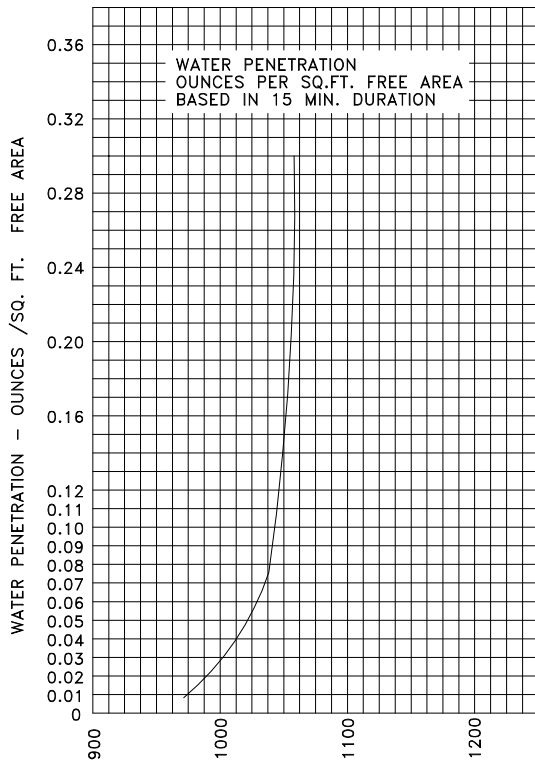
TEST
CONDITIONS:
A 48" X 48"
LOUVER WAS
USED FOR
THE TEST;
AT STANDARD
AIR DENSITY
AND
OPERATING
TEMPERATURE
RANGE OF
65°F - 85°F,
AND
15 MINUTES
TEST DURATION

HEIGHT (INCHES)

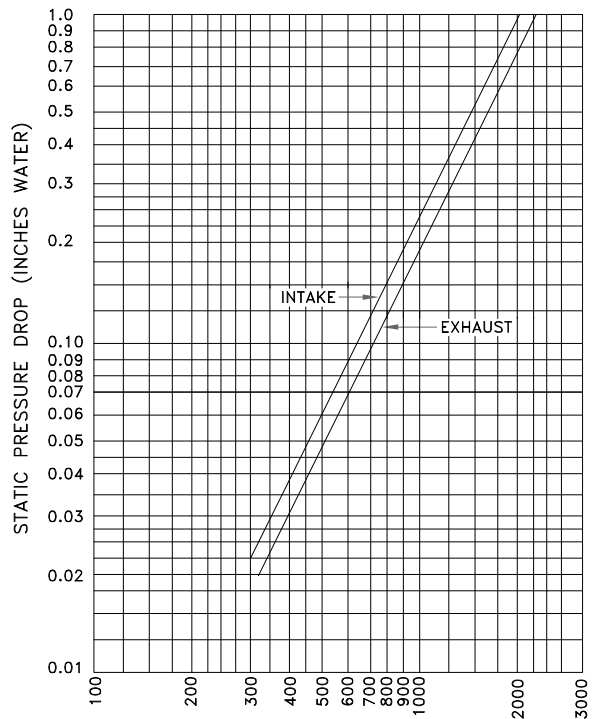
	WIDTH (INCHES)										
	12	18	24	30	36	42	48	54	60	66	72
12	0.26	0.42	0.58	0.75	0.91	1.07	1.23	1.39	1.56	1.72	1.88
16	0.40	0.66	0.91	1.16	1.41	1.66	1.92	2.17	2.42	2.67	2.92
20	0.55	0.89	1.23	1.57	1.91	2.25	2.59	2.94	3.28	3.62	3.96
24	0.69	1.13	1.56	1.99	2.42	2.85	3.29	3.72	4.15	4.58	5.02
28	0.85	1.36	1.88	2.40	2.93	3.45	3.97	4.49	5.02	5.54	6.06
32	0.98	1.59	2.21	2.82	3.43	4.04	4.66	5.27	5.88	6.49	7.11
36	1.13	1.83	2.53	3.23	3.94	4.64	5.34	6.04	6.75	7.45	8.15
40	1.27	2.06	2.86	3.65	4.44	5.23	6.03	6.82	7.61	8.41	9.20
44	1.42	2.30	3.18	4.06	4.95	5.83	6.71	7.60	8.48	9.36	10.24
48	1.56	2.53	3.51	4.48	5.45	6.42	7.40	8.37	9.34	10.32	11.29
52	1.71	2.77	3.83	4.89	5.96	7.02	8.08	9.15	10.21	11.27	12.33
56	1.85	3.00	4.16	5.31	6.46	7.61	8.77	9.92	11.07	12.23	13.38
60	1.99	3.24	4.48	5.72	6.97	8.21	9.45	10.70	11.94	13.18	14.43
64	2.14	3.47	4.81	6.14	7.47	8.80	10.14	11.47	12.80	14.14	15.47
68	2.28	3.71	5.13	6.55	7.98	9.40	10.82	12.25	13.67	15.09	16.52
72	2.43	3.94	5.45	6.97	8.48	9.99	11.51	13.02	14.54	16.05	17.56
76	2.57	4.18	5.78	7.38	8.99	10.59	12.19	13.80	15.40	17.00	18.61
80	2.72	4.41	6.10	7.80	9.49	11.18	12.88	14.57	16.27	17.96	19.65
84	2.86	4.65	6.43	8.21	10.00	11.78	13.56	15.35	17.13	18.91	20.70
88	3.01	4.88	6.75	8.63	10.50	12.38	14.25	16.12	18.00	19.87	21.74
92	3.15	5.11	7.08	9.04	11.01	12.97	14.93	16.90	18.86	20.83	22.79
96	3.29	5.35	7.40	9.46	11.51	13.57	15.62	17.67	19.73	21.78	23.84
100	3.44	5.58	7.73	9.87	12.02	14.16	16.30	18.45	20.59	22.74	24.88
104	3.58	5.82	8.05	10.29	12.52	14.76	16.99	19.22	21.46	23.69	25.93
108	3.73	6.05	8.38	10.70	13.03	15.35	17.67	20.00	22.32	24.65	26.97
112	3.87	6.29	8.70	11.12	13.53	15.95	18.36	20.77	23.19	25.60	28.02
116	4.02	6.52	9.03	11.53	14.04	16.54	19.04	21.55	24.05	26.56	29.06
120	4.16	6.76	9.35	11.95	14.54	17.14	19.73	22.32	24.92	27.51	30.11
124	4.31	6.99	9.68	12.36	15.05	17.73	20.42	23.10	25.78	28.47	31.15
128	4.45	7.23	10.00	12.78	15.55	18.33	21.10	23.88	26.65	29.42	32.20
132	4.60	7.46	10.33	13.19	16.06	18.92	21.79	24.65	27.52	30.38	33.25
136	4.74	7.70	10.65	13.61	16.56	19.52	22.47	25.43	28.38	31.34	34.29
140	4.88	7.93	10.98	14.02	17.07	20.11	23.16	26.20	29.25	32.29	35.34
144	5.03	8.16	11.30	14.44	17.57	20.71	23.84	26.98	30.11	33.25	36.38

FREE AREA TABLE (SQ. FEET)

RATINGS INCLUDE THE EFFECT OF A BIRD SCREEN



WATER PENETRATION GRAPH
966 F.P.M. BEGINNING OF WATER PENETRATION
(10.98 MPH WIND)



AIR PERFORMANCE GRAPH

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