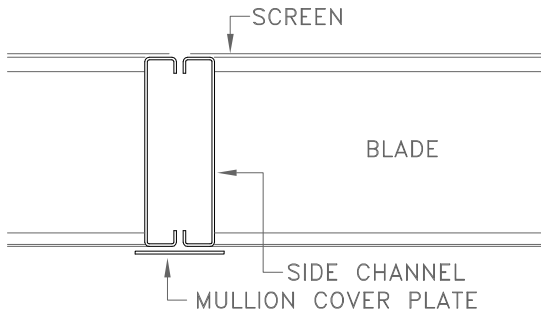
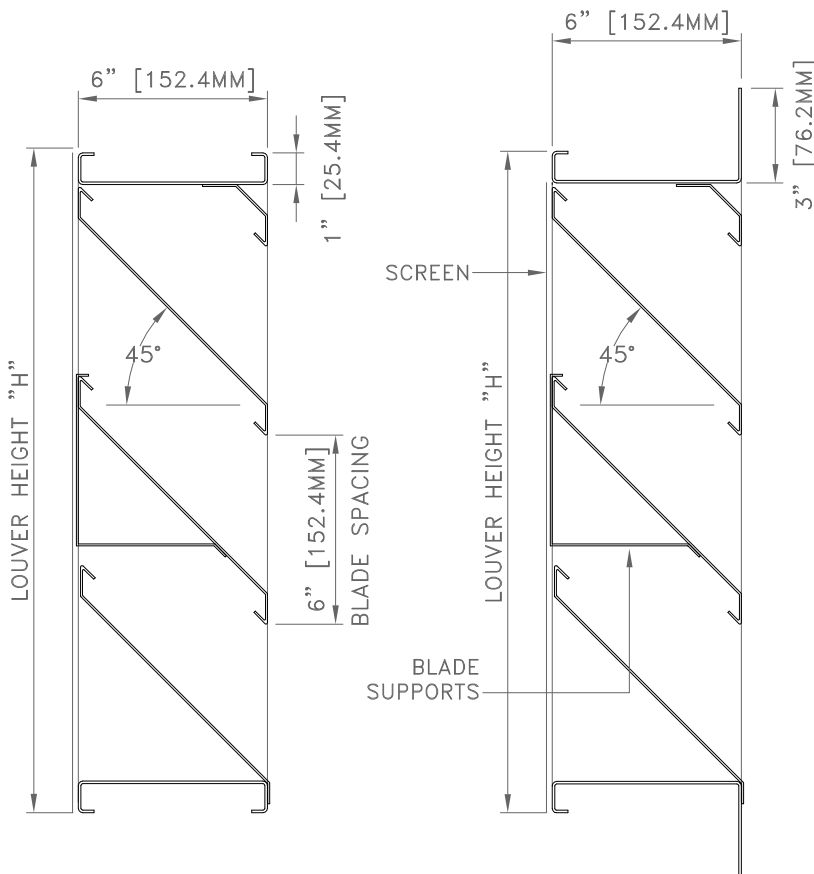




HORIZONTAL SECTION



SC-645
VERTICAL SECTION

SF-645
VERTICAL SECTION



STEEL LOUVER SC-645 SF-645

STANDARD SPECIFICATIONS

- CONST. - FORMED GALVANIZED STEEL, WELDED ASSEMBLY
- FRAME - 6" X 1" X 16 GAUGE (152.4MM X 25.4MM X 1.6MM) CHANNEL, UP TO 48" (1219.2MM), 6" X 1.5" X 16 GAUGE (152.4MM X 38.1MM X 1.6MM) OVER 48" (1219.2MM) BUTT CORNERS
- BLADES - 6" X 16 GA. (152.4MM X 1.6MM), SET AT 45°, 6" (152.4MM) SPACING, SUPPORTS AT 48" (1219.2MM) W CENTERS
- SCREEN - .5" X .5" (12.7MM X 12.7MM) X 18 GAUGE GALVANIZED, SCREW FASTENED
- FINISH - MILL GALVANIZED
- SIZE - MINIMUM 12" W X 12" H (304.8MM X 304.8MM)
MAXIMUM SECTION WIDTH 72" (1828.8MM)
MAXIMUM SECTION HEIGHT 120" (3048MM)
MAXIMUM SECTION SIZE 40 SQ. FT.

OPTIONS

- FRAME - SF - FLANGE FRAME 6" X 16 GAUGE (152.4MM X 1.6MM) STEEL ANGLE, BUTT CORNERS
- SCREEN - AS PER REQUEST
- FINISH - MINIMUM PRIME COAT OR BAKED ENAMEL IS RECOMMENDED

TECHNICAL NOTES

CORROSION RESISTANCE IS LOST UPON WELDING, SEE OPTIONAL FINISHES

MAX. REC. INTAKE VEL. - 775 FPM THROUGH FREE AREA

SHIPPING WEIGHT - APPROX. 12 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

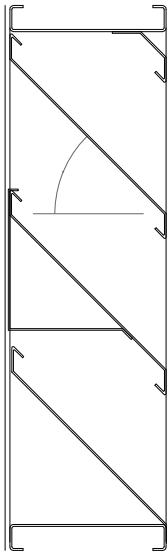
APPROVAL

DATE:
PROJECT:
ENGINEER:
CUSTOMER:
DISTRIBUTOR:

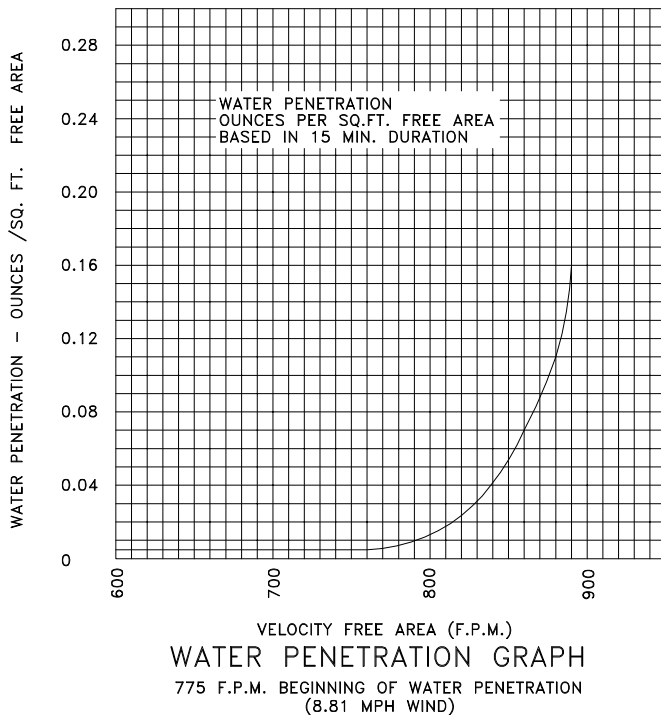
SC-645



STEEL LOUVER SC-645

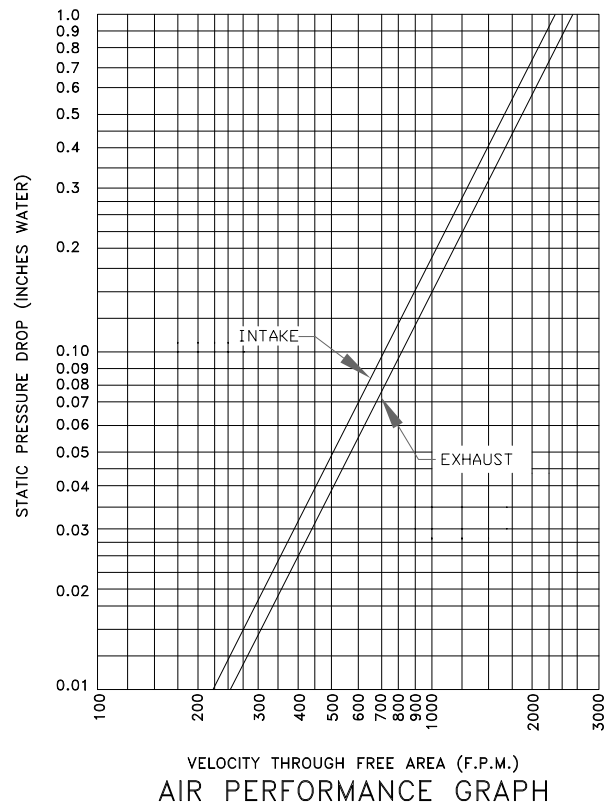


TEST
CONDITIONS:
A 48" X 48"
LOUVER WAS
USED FOR
THE TEST
AT STANDARD
AND
OPERATING
TEMPERATURE
RANGE OF
65°F - 85°F,
AND
15 MINUTES
TEST DURATION
WATER PENETRATION



	WIDTH (INCHES)										
	12	18	24	30	36	42	48	54	60	66	72
12	0.20	0.32	0.45	0.57	0.70	0.82	0.95	1.07	1.20	1.32	1.45
16	0.32	0.52	0.72	0.92	1.12	1.32	1.52	1.71	1.91	2.11	2.31
20	0.50	0.81	1.13	1.44	1.75	2.07	2.38	2.69	3.00	3.32	3.63
24	0.70	1.14	1.58	2.01	2.45	2.89	3.23	3.76	4.20	4.64	5.08
28	0.82	1.33	1.85	2.36	2.87	3.38	3.89	4.41	4.92	5.43	5.94
32	1.00	1.63	2.26	2.88	3.51	4.13	4.76	5.38	6.01	6.64	7.26
36	1.20	1.95	2.70	3.45	4.20	4.95	5.71	6.46	7.21	7.96	8.71
40	1.32	2.15	2.97	3.80	4.62	5.45	6.27	7.10	7.92	8.75	9.57
44	1.51	2.44	3.38	4.32	5.26	6.20	7.14	8.08	9.01	9.95	10.89
48	1.71	2.77	3.83	4.89	5.96	7.02	8.08	9.15	10.21	11.27	12.34
52	1.83	2.96	4.10	5.24	6.38	7.51	8.65	9.79	10.93	12.07	13.20
56	2.01	3.26	4.51	5.76	7.01	8.26	9.52	10.77	12.02	13.27	14.52
60	2.21	3.58	4.96	6.34	7.71	9.09	10.46	11.84	13.22	14.59	15.97
64	2.33	3.78	5.23	6.68	8.13	9.58	11.03	12.48	13.93	15.38	16.83
68	2.51	4.07	5.64	7.20	8.77	10.33	11.84	13.46	15.02	16.59	18.15
72	2.71	4.40	6.09	7.78	9.46	11.15	12.89	14.53	16.22	17.91	19.60
76	2.83	4.59	6.36	8.12	9.88	11.65	13.41	15.17	16.94	18.70	20.47
80	3.01	4.89	6.77	8.64	10.52	12.40	14.27	16.15	18.03	19.91	21.88
84	3.21	5.21	7.21	9.22	11.22	13.22	15.22	17.22	19.22	21.23	23.23
88	3.33	5.41	7.48	9.56	11.64	13.71	15.79	17.87	19.94	22.02	24.10
92	3.51	5.70	7.89	10.08	12.27	14.46	16.65	18.84	21.03	23.22	25.41
96	3.71	6.03	8.32	10.66	12.97	15.29	17.60	19.92	22.23	24.54	26.89
100	3.83	6.22	8.61	11.00	13.39	15.78	18.17	20.56	22.95	25.34	27.73
104	4.02	6.52	9.02	11.52	14.03	16.53	19.03	21.54	24.04	26.54	29.04
108	4.21	6.84	9.47	12.10	14.72	17.35	19.38	22.61	25.23	27.86	30.49
112	4.33	7.04	9.74	12.44	15.14	17.85	20.55	23.25	25.95	28.65	31.36
116	4.52	7.33	10.15	12.96	15.78	18.60	21.41	24.23	27.04	29.86	32.67
120	4.72	7.66	10.60	13.54	16.48	19.42	22.36	25.30	28.24	31.18	34.12

FREE AREA TABLE (SQUARE FEET)
RATING INCLUDES THE EFFECT OF A BIRDSCREEN



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