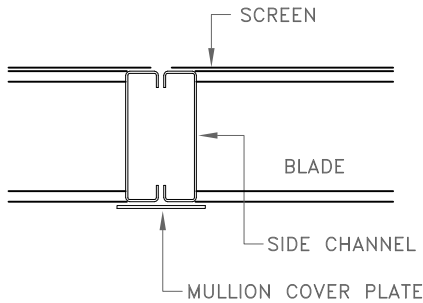
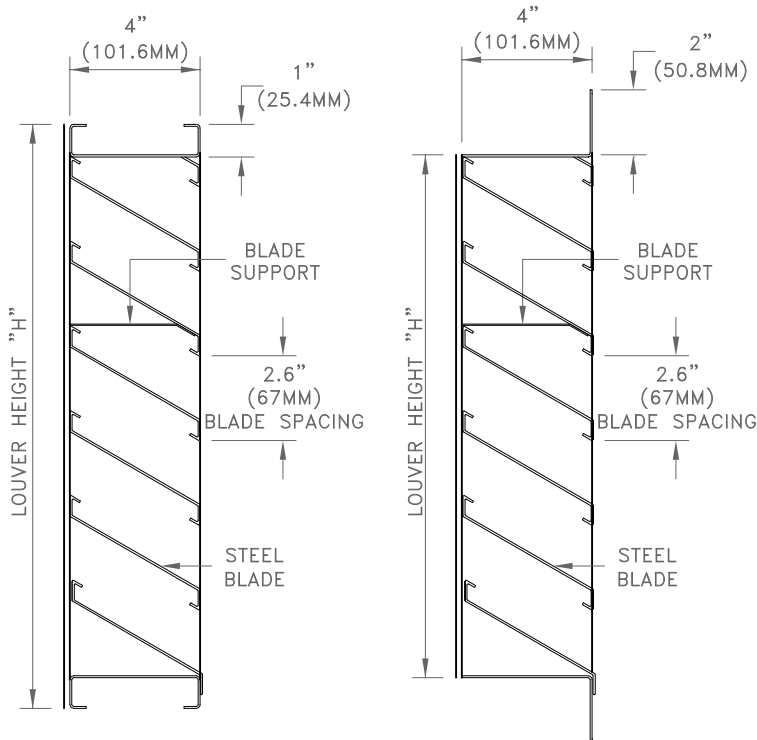




HORIZONTAL SECTION



SC-430

SF-430

VERTICAL SECTION

VERTICAL SECTION



STEEL LOUVER SC-430 SF-430

STANDARD SPECIFICATIONS

- CONST. - FORMED GALVANIZED STEEL, WELDED ASSEMBLY
- FRAME - 4" X 1" X .064" (101.5MM X 25.4MM X 1.6MM), 16 GAUGE CHANNEL UP TO 48" (1219.2MM), 4" X 1.5" X .064" (101.6MM X 38.1MM X 1.6MM) OVER 48" (1219.2MM), BUTT CORNERS
- BLADES - 4" X .064" (101.6MM X 1.6MM), 16 GAUGE SET AT 30°, 3.5" (88.9MM) SPACING, SUPPORTS AT 48" (1219.2MM) CENTERS
- SCREEN - .5" X .5" (12.7MM X 12.7MM) X 18 GA. 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

- CONST. - WELDED, CONTINUOUS BLADES,
- FRAME - SF - FLANGE FRAME 2" X .064" (50.8MM X 1.6MM) 16 GAUGE, MITRED 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 ABOVE

MAX. REC. INTAKE VEL. - 725 FPM THROUGH FREE AREA

SHIPPING WEIGHT - APPROX. 10 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

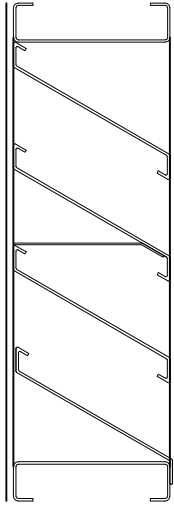
APPROVAL

DATE:
PROJECT:
ENGINEER:
CUSTOMER:
DISTRIBUTOR:

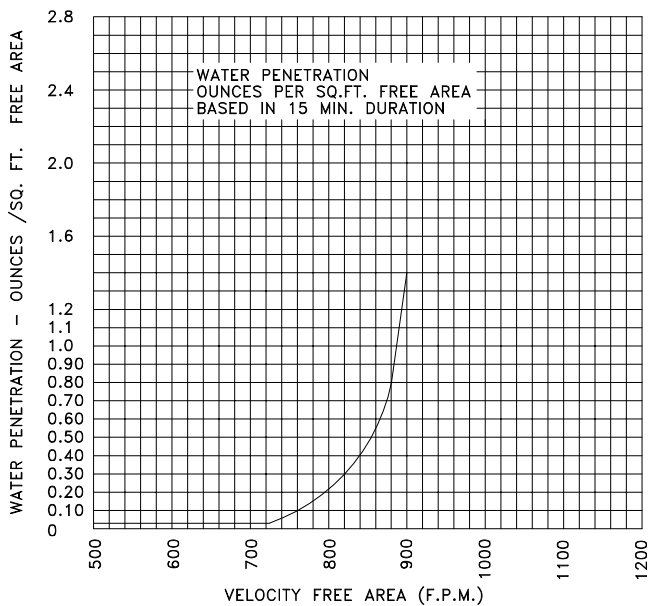
SC-430



STEEL LOUVER SC-430



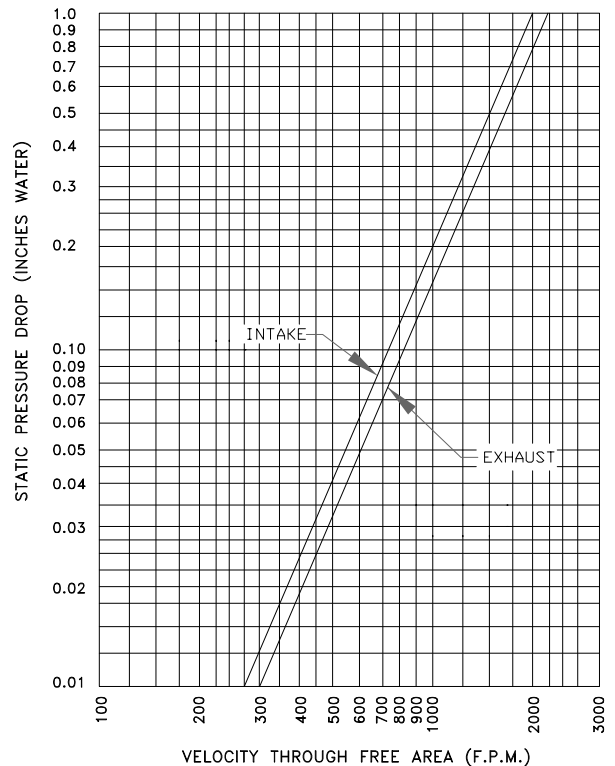
TEST
CONDITIONS:
A 48" X 48"
LOUVER WAS
USED FOR
THE TEST
AT STANDARD
AND
OPERATING
TEMPERATURE
RANGE OF
65°F - 85°F,
AND
15 MINUTES
TEST DURATION
WATER PENETRATION



WATER PENETRATION GRAPH
725 F.P.M. BEGINNING OF WATER PENETRATION
(8.24 MPH WIND)

	WIDTH (INCHES)										
	12	18	24	30	36	42	48	54	60	66	72
12	0.33	0.53	0.73	0.94	1.14	1.14	1.54	1.74	1.95	2.15	2.35
16	0.50	0.81	1.12	1.43	1.74	1.74	2.35	2.66	2.97	3.27	3.58
20	0.68	1.09	1.50	1.92	2.33	2.33	3.16	3.57	3.99	4.40	4.81
24	0.85	1.37	1.89	2.41	2.93	2.93	3.97	4.49	5.01	5.53	6.05
28	1.03	1.65	2.28	2.90	3.53	3.53	4.78	5.40	6.03	6.65	7.28
32	1.20	1.93	2.66	3.39	4.12	4.12	5.59	6.32	7.05	7.78	8.51
36	1.37	2.21	3.05	3.88	4.72	4.72	6.39	7.23	8.07	8.90	9.74
40	1.55	2.49	3.43	4.37	5.32	5.32	7.20	8.15	9.09	10.03	10.97
44	1.72	2.77	3.82	4.87	5.91	5.91	8.01	9.06	10.11	11.16	12.21
48	1.89	3.05	4.20	5.36	6.51	6.51	8.82	9.97	11.13	12.28	13.44
52	2.07	3.33	4.59	5.85	7.11	7.11	9.63	10.89	12.15	13.41	14.67
56	2.24	3.61	4.97	6.34	7.71	7.71	10.44	11.80	13.17	14.54	15.60
60	2.42	3.89	5.36	6.83	8.30	8.30	11.25	12.72	14.19	15.66	15.90
64	2.59	4.17	5.74	7.32	8.90	8.90	12.05	13.63	15.21	16.79	17.13
68	2.76	4.45	6.13	7.81	9.50	9.50	12.86	14.55	16.23	17.91	18.36
72	2.94	4.73	6.52	8.30	10.09	12.41	13.67	15.46	17.25	19.04	20.83
76	3.11	5.01	6.90	8.80	10.69	13.11	14.48	16.38	18.27	20.17	22.06
80	3.28	5.29	7.29	9.29	11.29	13.82	15.29	17.29	19.29	21.29	23.29
84	3.46	5.57	7.67	9.78	11.88	14.52	16.10	18.20	20.31	22.42	24.52
88	3.63	5.84	8.06	10.27	12.48	15.22	16.91	19.12	21.33	23.54	25.76
92	3.81	6.12	8.44	10.76	13.08	15.93	17.72	20.03	22.35	24.67	26.99
96	3.98	6.40	8.83	11.25	13.68	16.10	18.52	20.95	23.37	25.80	28.22

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



AIR PERFORMANCE GRAPH

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