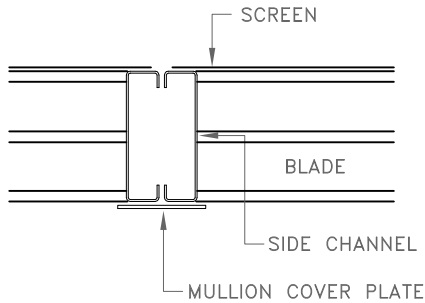
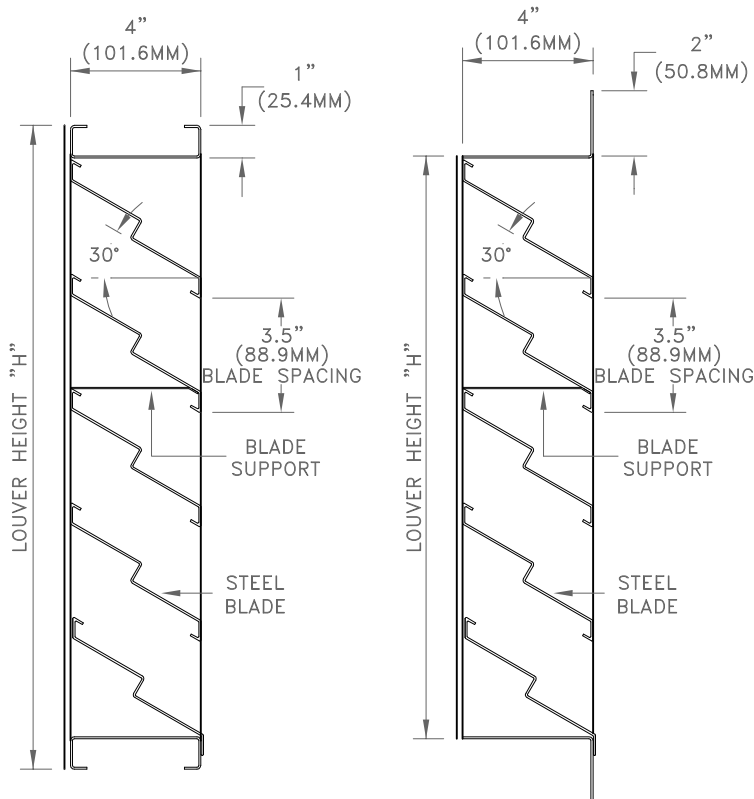




HORIZONTAL SECTION



SC-430W SF-430W
VERTICAL SECTION VERTICAL SECTION



STEEL LOUVER SC-430W SF-430W

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 .052" (101.6MM X 1.3MM), 18 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

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

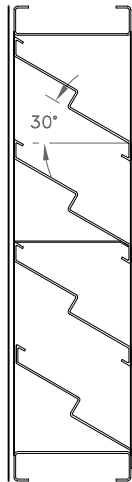
APPROVAL

DATE:
PROJECT:
ENGINEER:
CUSTOMER:
DISTRIBUTOR:

SC-430W



STEEL LOUVER SC-430W



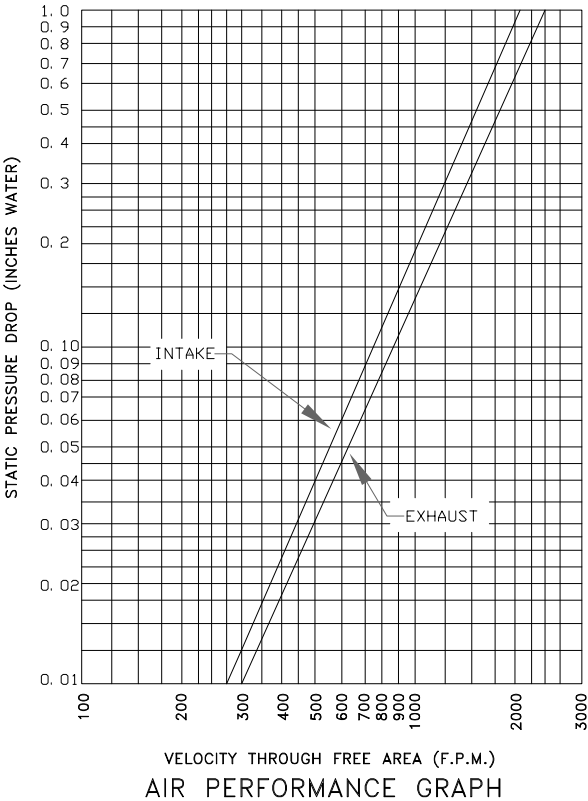
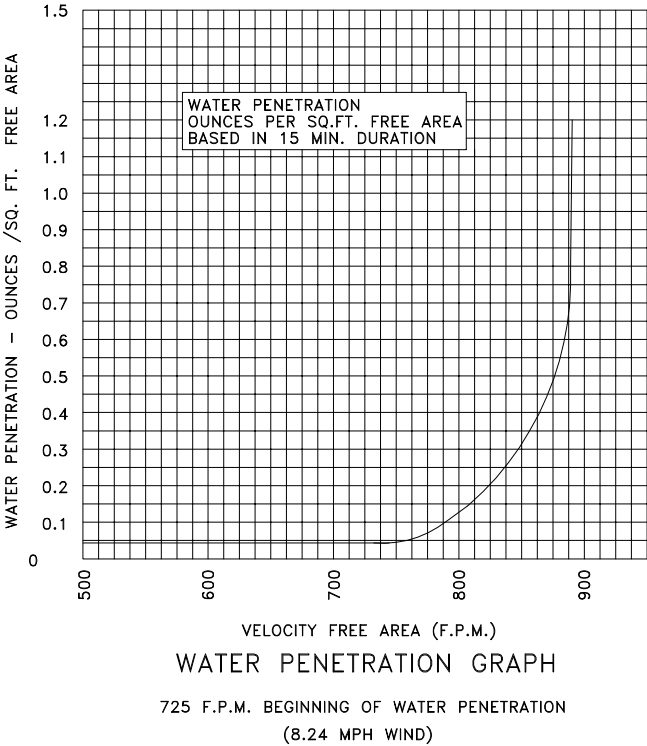
TEST
CONDITIONS:
A 48" X 48"
LOUVER WAS
USED FOR
THE TEST;
AT STANDARD
AIR DENSITY
AND
OPERATING
TEMPERATURE
RANGE OF
65°F - 85°F,
AND
15 MINUTES
TEST DURATION

WIDTH (INCHES)

	12	18	24	30	36	42	48	54	60	66	72
12	0.32	0.52	0.71	0.91	1.11	1.31	1.51	1.71	1.9	2.10	2.30
16	0.48	0.77	1.07	1.37	1.67	1.96	2.26	2.56	2.86	3.15	3.45
20	0.80	1.29	1.79	2.28	2.78	3.27	3.77	4.27	4.76	5.26	5.75
24	0.95	1.55	2.14	2.74	3.33	3.93	4.52	5.12	5.71	6.31	6.90
28	1.11	1.81	2.50	3.20	3.89	4.58	5.28	5.97	7.36	7.36	8.06
32	1.27	2.07	2.86	3.65	4.45	5.24	6.03	6.83	7.62	9.21	9.21
36	1.43	2.32	3.22	4.11	5.00	5.89	6.79	7.68	8.57	9.46	10.36
40	1.59	2.58	3.57	4.57	5.56	6.55	7.54	8.53	9.52	10.52	11.51
44	1.75	2.84	3.93	5.02	6.11	7.20	8.29	9.39	10.48	11.57	12.66
48	2.07	3.36	4.65	5.94	7.22	8.51	9.80	11.09	12.38	13.67	14.96
52	2.23	3.62	5.00	6.39	7.78	9.17	10.56	11.95	13.33	14.72	16.11
56	2.39	3.87	5.36	6.85	8.34	9.82	11.31	12.80	14.29	15.77	17.26
60	2.55	4.13	5.72	7.31	8.89	10.48	12.07	13.65	15.24	16.83	18.41
64	2.70	4.39	6.08	7.76	9.45	11.13	12.82	14.51	16.19	17.88	19.56
68	2.86	4.65	6.43	8.22	10.00	11.79	13.57	15.36	17.14	18.93	20.71
72	3.02	4.91	6.79	8.68	10.56	12.44	14.33	16.21	18.10	19.98	21.86
76	3.34	5.42	7.51	9.59	11.67	13.75	15.84	17.92	22.08	24.17	
80	3.50	5.68	7.86	10.04	12.23	14.41	16.59	18.77	20.95	23.13	25.32
84	3.66	5.94	8.22	10.50	12.78	15.06	17.34	19.62	21.91	24.19	26.47
88	3.82	6.20	8.58	10.96	13.34	15.72	18.10	20.48	22.86	25.24	27.47
92	3.82	6.46	8.94	11.41	13.89	16.37	18.85	21.33	23.81	26.29	28.77
96	4.14	6.71	9.29	11.87	14.45	17.03	19.61	22.18	24.76	27.34	29.92

HEIGHT (INCHES)

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



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