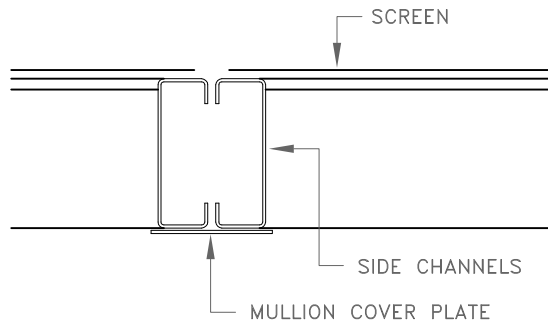




HORIZONTAL SECTION



STEEL LOUVER SC-345 SF-345

STANDARD SPECIFICATIONS

- CONST. - FORMED GALVANIZED STEEL, WELDED ASSEMBLY
- FRAME - 3" X 1", 16 GA. (76.2MM X 25.4MM) CHANNEL, BUTT CORNERS
- BLADES - 3", 16 GA. (76.2MM) SET AT 45°, 3" (76.2MM) SPACING, SUPPORTS AT 36" (914.4MM) CENTERS
- SCREEN - .5" X .5" (12.7MM X 12.7MM), 18 GA. GALVANIZED, SCREW FASTENED
- FINISH - MILL GALVANIZED
- SIZE - MINIMUM 12" W X 12" H (304.8MM X 304.8MM)
MAXIMUM SECTION WIDTH 72" (1828.9MM)
MAXIMUM SECTION HEIGHT 72" (1828.8MM)
MAXIMUM SECTION SIZE 36 SQ. FT.

OPTIONS

- FRAME - SF-FLANGE FRAME 1.5" X 3", 16 GA. (38.1MM X 76.2MM) MITRED CORNERS
- SCREEN - AS PER REQUEST
- FINISH - MINIMUM PRIME COAT OR BAKED ENAMEL IS RECOMMENDED

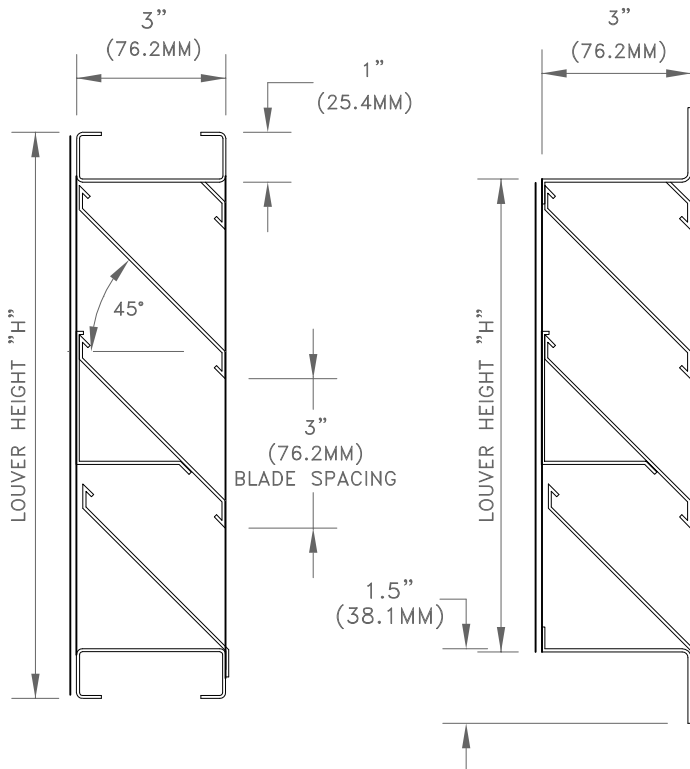
TECHNICAL NOTES

CORROSION RESISTANCE IS LOST UPON WELDING, SEE OPTIONAL FINISHES ABOVE

MAX. REC. INTAKE VEL. - 760 FPM THROUGH FREE AREA
SHIPPING WEIGHT - APPROX. 6 LBS./SQ. FT.

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

* FOR MORE INFORMATION, CONTACT OUR FACTORY *



SC-345
VERTICAL SECTION

SF-345
VERTICAL SECTION

NOTES

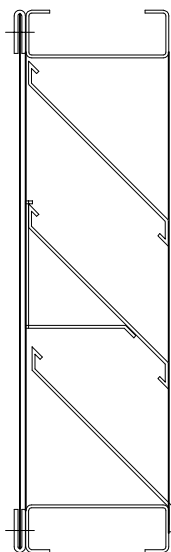
APPROVAL

DATE:
PROJECT:
ENGINEER:
CUSTOMER:
DISTRIBUTOR:

SC-345



STEEL LOUVER SC-345

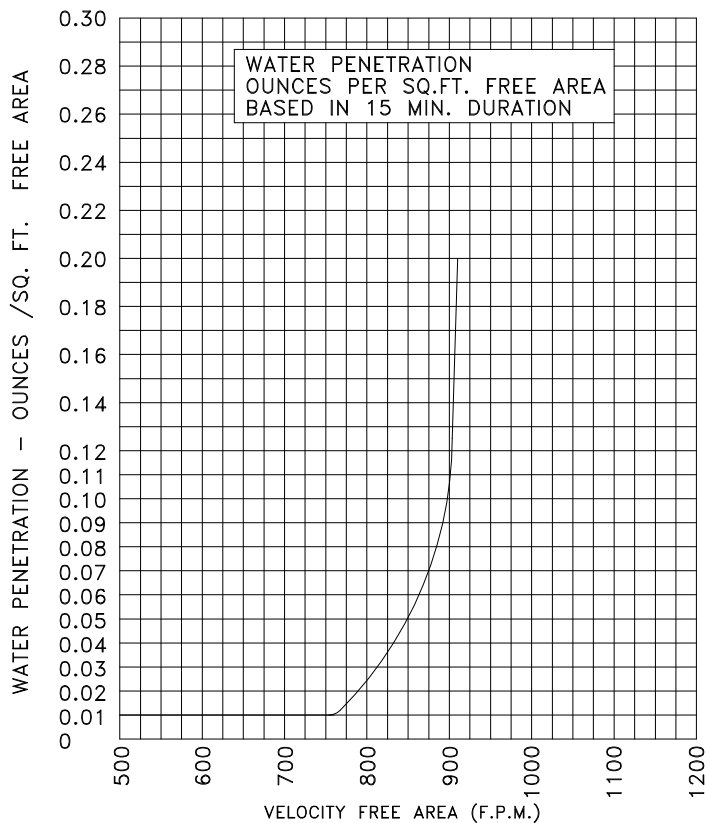


TEST
CONDITIONS:
A 48" X 48"
LOUVER WAS
USED FOR
THE TEST;
AT STANDARD
AIR DENSITY
AND
OPERATING
TEMPERATURE
RANGE OF
65°F - 85°F,
AND
15 MINUTES
TEST DURATION

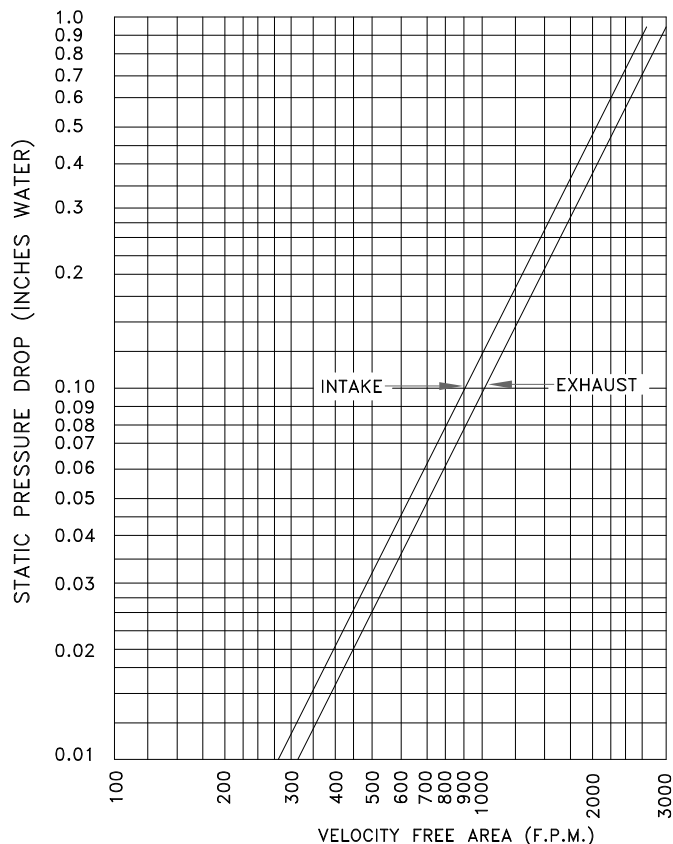
	WIDTH (INCHES)										
	12	18	24	30	36	42	48	54	60	66	72
12	0.32	0.51	0.70	0.90	1.09	1.28	1.47	1.66	1.86	2.04	2.64
16	0.50	0.81	1.12	1.42	1.73	2.03	2.34	2.64	2.94	3.25	3.55
20	0.68	1.10	1.52	1.93	2.35	2.76	3.18	3.59	4.01	4.46	4.84
24	0.83	1.35	1.85	2.36	2.87	3.38	3.88	4.40	4.90	5.41	5.92
28	0.99	1.59	2.19	2.79	3.39	3.99	4.59	5.20	5.80	6.40	7.00
32	1.15	1.84	2.54	3.24	3.94	4.64	5.33	6.03	6.73	7.43	8.12
36	1.33	2.14	2.96	3.77	4.58	5.43	6.20	7.01	7.82	8.63	9.45
40	1.51	2.34	3.36	4.28	5.20	6.12	7.05	7.97	8.89	9.81	10.7
44	1.66	2.69	3.69	4.71	5.72	6.74	7.75	8.77	9.78	10.8	11.8
48	1.82	2.92	4.03	5.14	6.25	7.35	8.46	9.57	10.7	11.8	12.9
52	1.97	3.18	4.38	5.59	6.79	8.00	9.20	10.4	11.6	12.8	14.0
56	2.16	3.48	4.80	6.11	7.43	8.75	10.1	11.4	12.7	14.1	15.3
60	2.34	3.77	5.20	7.03	8.05	9.48	10.9	12.3	13.8	15.6	16.6
64	2.49	4.02	5.53	7.05	8.58	10.1	11.6	13.1	14.7	16.2	17.7
68	2.64	4.26	5.87	7.48	9.10	10.7	12.3	13.9	15.6	17.2	18.8
72	2.80	4.51	5.87	7.94	9.65	11.4	13.1	14.8	16.5	18.2	19.9

FREE AREA TABLE (SQUARE FEET)

RATINGS INCLUDE THE EFFECT OF A BIRD SCREEN



WATER PENETRATION GRAPH
760 F.P.M. BEGINNING OF WATER PENETRATION
(8.64 MPH WIND)



AIR PERFORMANCE GRAPH

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