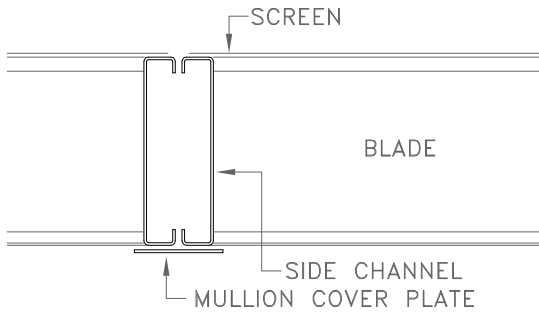




HORIZONTAL SECTION



STEEL LOUVER SC-645W SF-645W

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, EXTRA WEATHERLIP AT CENTER, SUPPORT 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

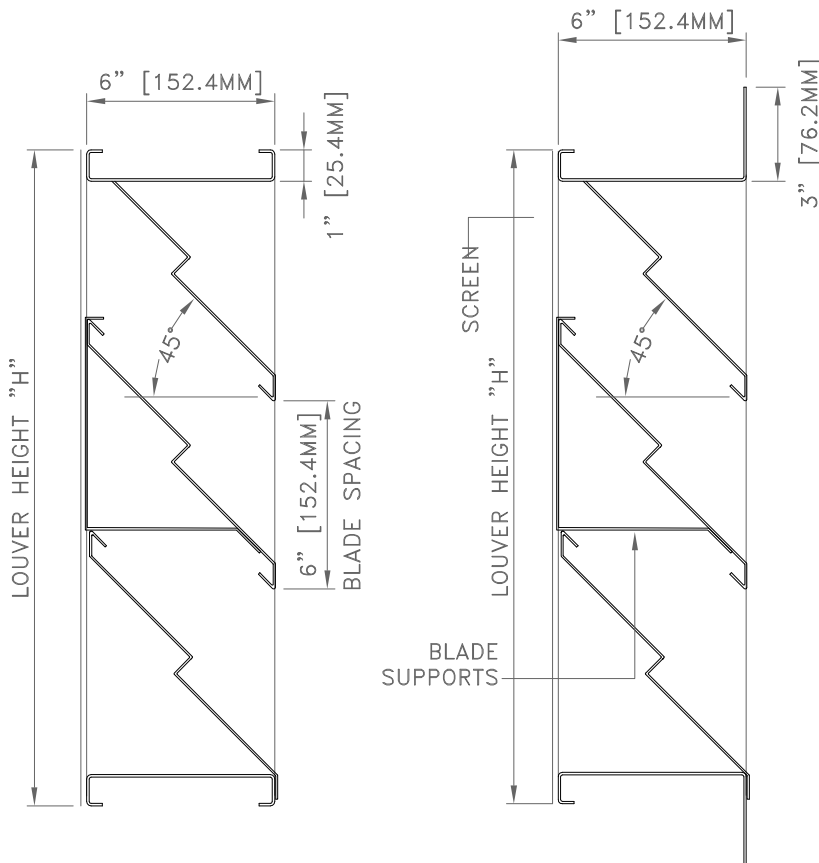
CORROSION RESISTANCE IS LOST UPON WELDING, SEE OPTIONAL FINISHES

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 *



SC-645W
VERTICAL SECTION

SF-645W
VERTICAL SECTION

NOTES

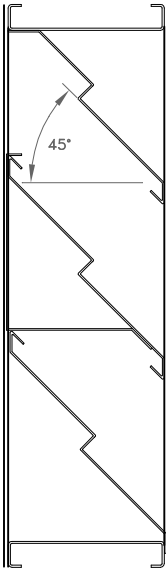
APPROVAL

DATE:
PROJECT:
ENGINEER:
CUSTOMER:
DISTRIBUTOR:

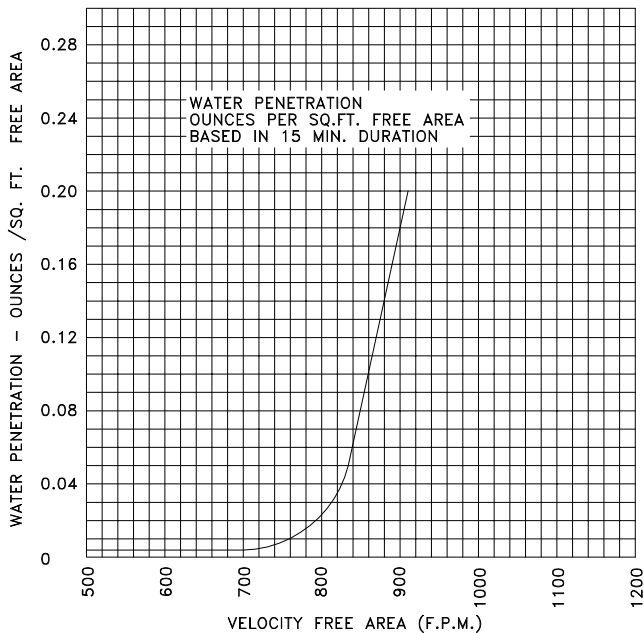
SC-645W



STEEL LOUVER SC-645W



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

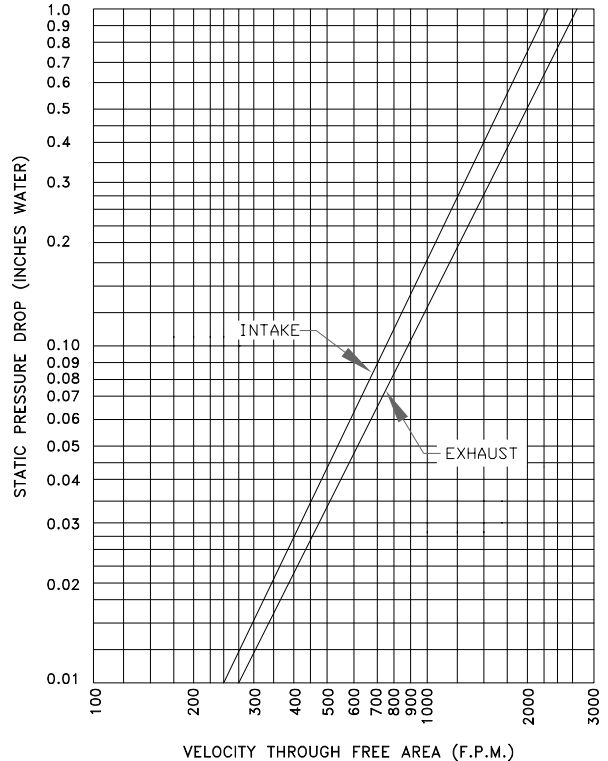


WATER PENETRATION GRAPH
700 F.P.M. BEGINNING OF WATER PENETRATION
(7.95 MPH WIND)

	WIDTH (INCHES)										
	12	18	24	30	36	42	48	54	60	66	72
18	0.41	0.69	0.97	1.25	1.53	1.82	2.10	2.38	2.66	2.94	3.23
24	0.63	1.07	1.51	1.95	2.39	2.82	3.26	3.70	4.14	4.58	5.02
30	0.86	1.45	2.05	2.64	3.24	3.83	4.43	5.02	5.62	6.21	6.81
36	1.08	1.83	2.59	3.34	4.09	4.84	5.59	6.35	7.10	7.85	8.60
42	1.31	2.22	3.12	4.03	4.94	5.85	6.76	7.67	8.58	9.48	10.39
48	1.53	2.60	3.66	4.73	5.79	6.86	7.92	8.99	10.05	11.12	12.19
54	1.76	2.98	4.20	5.42	6.65	7.87	9.09	10.31	11.53	12.76	13.98
60	1.98	3.36	4.74	6.12	7.50	8.88	10.25	11.63	13.01	14.39	15.77
66	2.21	3.74	5.28	6.81	8.35	9.88	11.42	12.96	14.49	16.03	17.56
72	2.43	4.12	5.82	7.51	9.20	10.89	12.59	14.28	15.97	17.66	19.35
78	2.66	4.51	6.36	8.20	10.05	11.90	13.75	15.60	17.45	19.30	21.15
84	2.88	4.89	6.89	8.90	10.91	12.91	14.92	16.92	18.93	20.93	22.94
90	3.11	5.27	7.43	9.59	11.76	13.92	16.08	18.24	20.41	22.57	24.73
96	3.33	5.65	7.97	10.29	12.61	14.93	17.25	19.57	21.88	24.20	26.52
102	3.56	6.03	8.51	10.99	13.46	15.94	18.41	20.89	23.36	25.84	28.31
108	3.78	6.42	9.05	11.68	14.31	16.95	19.58	22.21	24.84	27.47	30.11
114	4.01	6.80	9.59	12.38	15.17	17.95	20.74	23.53	26.32	29.11	31.90
120	4.23	7.18	10.13	13.07	16.02	18.96	21.91	24.85	27.80	30.75	33.69
126	4.46	7.56	10.66	13.77	16.87	19.97	23.07	26.18	29.28	32.38	35.48
132	4.68	7.94	11.20	14.46	17.72	20.98	24.24	27.50	30.76	34.02	37.28
138	4.91	8.33	11.74	15.16	18.57	21.99	25.40	28.82	32.24	35.65	39.07
144	5.14	8.71	12.28	15.85	19.43	23.00	26.57	30.14	33.71	37.29	40.86

HEIGHT (INCHES)

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



AIR PERFORMANCE GRAPH

THE INFORMATION CONTAINED ON THIS DATA SHEET REMAINS THE PROPERTY OF WESTERN VENTILATION PRODUCTS LTD. AND IS PROTECTED BY COPYRIGHT. WESTVENT AIR PERFORMANCE RATINGS SHOWN ARE BASED ON TESTS MADE BY TECHNICIANS IN OUR TEST LABORATORY.