

HORIZONTAL SECTION



STEEL LOUVER ST-445V STF-445V

STANDARD SPECIFICATIONS

- CONST. - FORMED GALVANIZED STEEL, WELDED ASSEMBLY
- FRAME - 4" X 1" X 16 GA. (101.6MM X 25.4MM X 1.6MM) CHANNEL, SIDE DRAIN CHANNELS, 5° SLOPED SILL, BUTT CORNERS
- BLADES - 4" X 16 GA. (101.6MM X 1.6MM), SET AT 45°, 3.5" (88.9MM) SPACING, TYPE "V" CARRIES WATER TO SIDE DRAIN CHANNELS, SUPPORTS AT 48" (1219.2MM) W CENTERS
- SCREEN - .75" X .75" (19.1MM X 19.1MM) 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

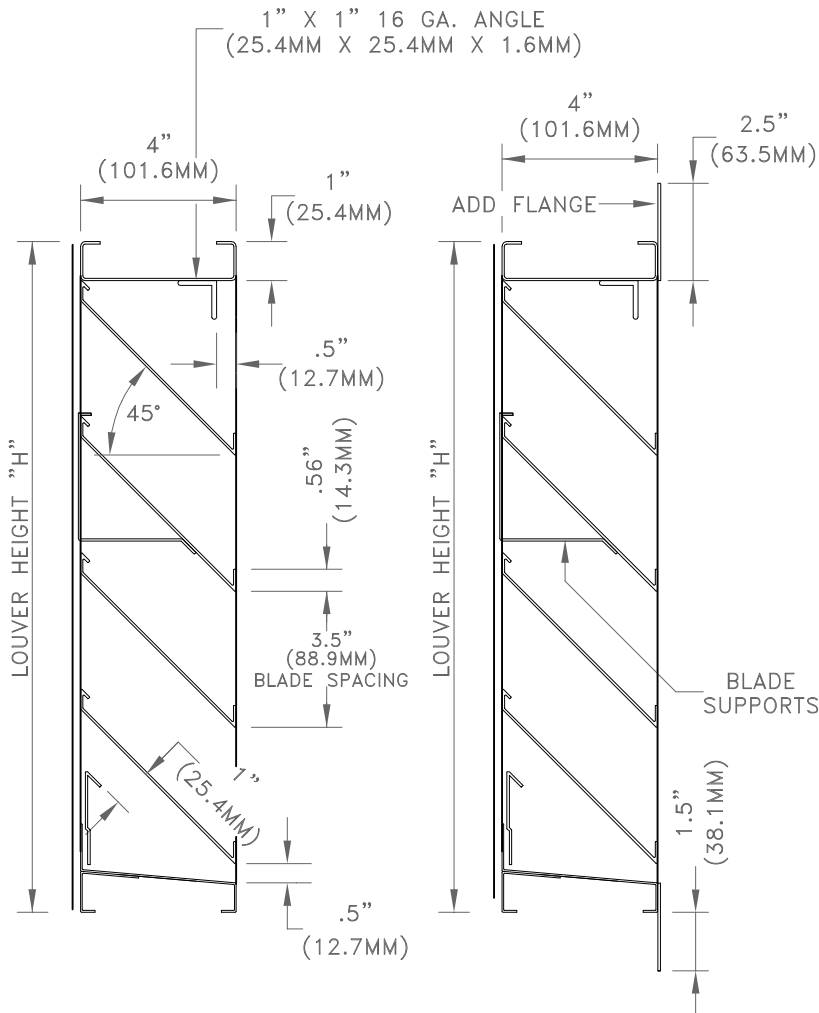
- FRAME - STF-ADD FLANGE FRAME 1.5" (38.1MM) USING A 2.5" X 12 GAUGE (63.5MM X 2.8MM) FLAT BAR
- SCREEN - AS PER REQUEST
- FINISH - MINIMUM PRIME COAR OR BAKED EMANEL IS RECOMMENDED

TECHNICAL NOTES

- CORROSION RESISTANCE IS LOST UPON WELDING, SEE OPTIONAL FINISHES ABOVE
- MAX. REC. INTAKE VEL. - 1074 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 *



ST-445V
VERTICAL SECTION

STF-445V
VERTICAL SECTION

NOTES

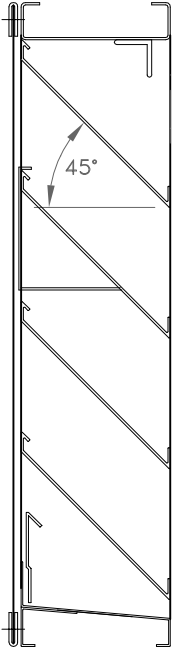
APPROVAL

DATE:
PROJECT:
ENGINEER:
CUSTOMER:
DISTRIBUTOR:

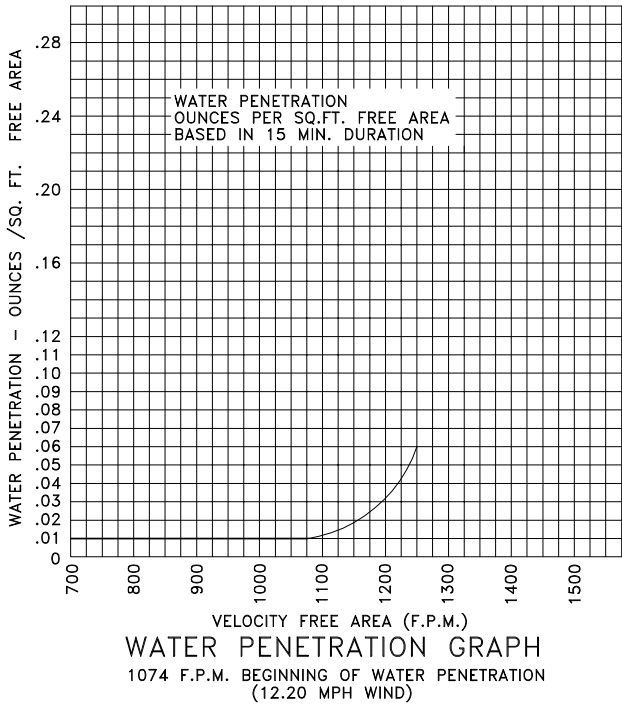
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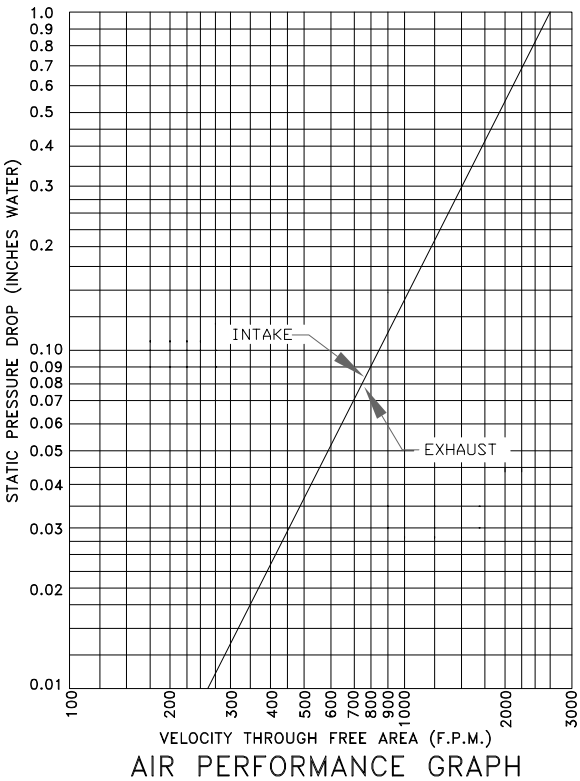


TEST
CONDITIONS:
A 48" X 48"
LOUVER WAS
USED FOR
THE TEST
AT STANDARD
AND
OPERATING
TEMPERATURE
RANGE OF
65°F - 85°F,
AND
15 MINUTES
TEST DURATION
WATER PENETRATION



	WIDTH (INCHES)										
	12	18	24	30	36	42	48	54	60	66	72
18	0.53	0.89	1.26	1.63	1.99	2.36	2.73	3.09	3.46	3.83	4.20
24	0.78	1.32	1.86	2.40	2.94	3.48	4.02	4.56	5.10	5.64	6.18
30	1.02	1.73	2.44	3.15	3.86	4.57	5.28	5.99	6.70	7.41	8.12
36	1.24	2.10	2.97	3.83	4.69	5.55	6.42	7.28	8.14	9.00	9.87
42	1.46	2.48	3.49	4.51	5.52	6.54	7.55	8.57	9.58	10.60	11.61
48	1.65	2.79	3.94	5.09	6.23	7.38	8.53	9.67	10.82	11.97	13.11
54	1.90	3.22	4.54	5.86	7.18	8.50	9.81	11.13	12.45	13.77	15.09
60	2.15	3.64	5.13	6.62	8.12	9.61	11.10	12.60	14.09	15.58	17.07
66	2.40	4.06	5.73	7.39	9.06	10.73	12.39	14.06	15.72	17.39	19.06
72	2.62	4.45	6.28	8.10	9.93	11.76	13.58	15.40	17.23	19.05	20.88
78	2.84	4.82	6.80	8.78	10.76	12.75	14.71	16.69	18.67	20.65	22.63
84	3.02	5.12	7.22	9.32	11.41	13.51	15.61	17.71	19.81	21.91	24.01
90	3.27	5.54	7.81	10.08	12.36	14.51	16.70	18.89	21.08	23.27	25.46
96	3.52	5.96	8.41	10.85	13.30	15.63	18.19	20.64	23.08	25.53	27.97
102	3.76	6.38	9.00	11.62	14.24	16.74	19.48	22.10	24.72	27.34	29.95
108	4.01	6.80	9.59	12.37	15.16	17.95	20.74	23.53	26.32	29.11	31.89
114	4.23	7.17	10.11	13.05	15.99	18.94	21.88	24.82	27.76	30.70	33.64
120	4.45	7.54	10.64	13.73	16.83	19.92	23.01	26.11	29.20	32.30	35.39

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



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