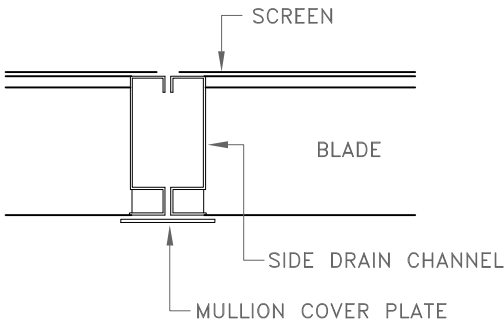




HORIZONTAL SECTION



STEEL LOUVER ST-435V STF-435V

STANDARD SPECIFICATIONS

- CONST. - FORMED GALVANIZED STEEL, WELDED ASSEMBLY
- FRAME - 4" X 1" X 16 GAUGE (101.5MM 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 35°, 3.25" (82.6MM) SPACING, TYPE "V" CARRIES WATER TO SIDE DRAIN CHANNELS, SUPPORTS AT 48" (1219.2MM) CENTERS
- SCREEN - .75" X .75" (19.1MM X 19.1MM) 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

- 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 COAT OR BAKED ENAMEL IS RECOMMENDED

TECHNICAL NOTES

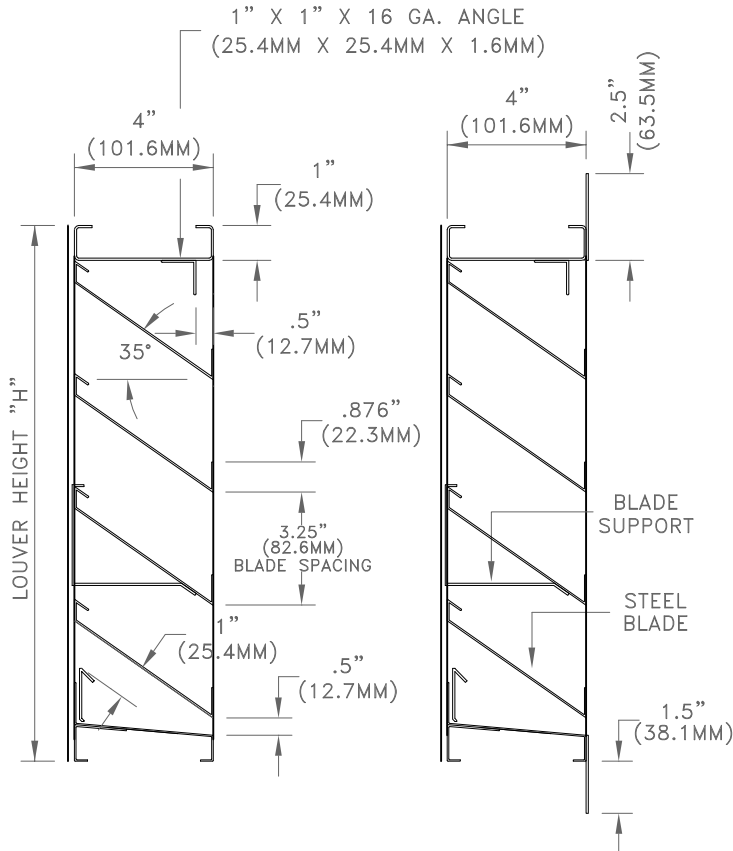
CORROSION RESISTANCE IS LOST UPON WELDING, SEE OPTIONAL FINISHES

MAX. REC. INTAKE VEL. - 1075 FPM THROUGH FREE AREA

SHIPPING WEIGHT - APPROX. 11 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-435V

STF-435V

VERTICAL SECTION VERTICAL SECTION

NOTES

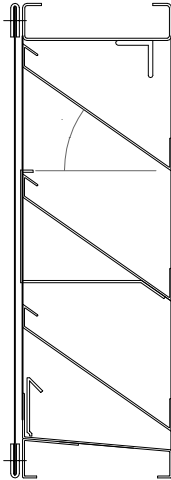
APPROVAL

DATE:
PROJECT:
ENGINEER:
CUSTOMER:
DISTRIBUTOR:

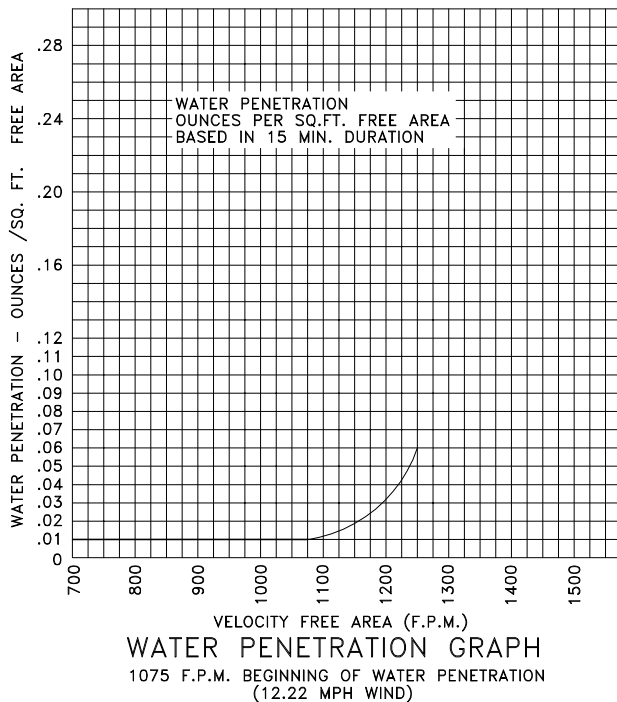
ST-435V



STEEL LOUVER ST-435V

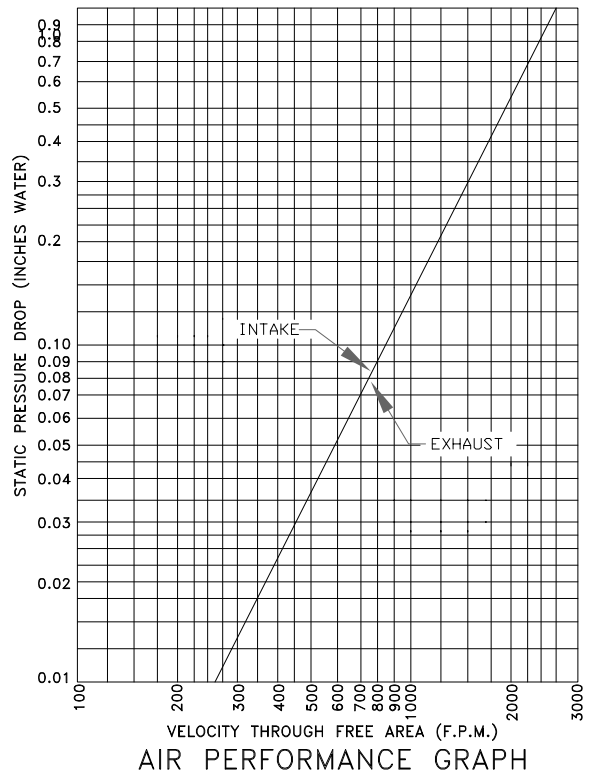


TEST
CONDITIONS:
A 48" X 48"
LOUVER WAS
USED FOR
THE TEST
AT STANDARD
AND
OPERATING
TEMPERATURE
RANGE OF
65°F - 85°F,
AND
15 MINUTES
TEST DURATION
WATER PENETRATION



		WIDTH (INCHES)											
HEIGHT (INCHES)		12	18	24	30	36	42	48	54	60	66	72	
	12	0.36	0.60	0.85	1.11	1.35	1.60	1.85	2.09	2.35	2.60	2.85	
	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	11.75	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	14.63	16.90	19.17	21.45	23.72	25.99	
	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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