

HORIZONTAL SECTION



**OPERABLE  
ALUMINUM LOUVER**  
XC-345W-0 XCF-345W-0

STANDARD SPECIFICATIONS

- CONST. - EXTRUDED ALUMINUM, BUTT CORNERS, MULLIONS & SPREADER BARS ON SECTIONS 48" (1219.2MM) AND LARGER
- FRAME - 3" X 1" X .081", (101.6MM X 25.4MM X 2.1MM) EXTRUDED ALUMINUM CHANNEL. WELDED ASSEMBLY
- BLADES - 3" X .081", (101.6MM X 2.1MM) EXTRUDED ALUMINUM, 4.19" (106.4MM) BLADE SPACING, OPEN TO 45°, BLADES HAVE WEATHERLIP IN CENTER
- SEALS - DUAL DUROMETER VINYL BLADE TIP & 2.7" (68.6MM) S.S. SIDE SEALS
- SHAFTS - .25" (6.4MM) DIAMETER PLATED STEEL PIN
- BEARINGS - .25" (6.4MM) NYLON BUSHINGS
- LINKAGE - IN AIRSTREAM ON INSIDE FACE, ROD TRAVEL 1.29" (32.8MM)
- FINISH - MILL ALUMINUM
- SIZE - MINIMUM 12"W X 18"H (304.8MM X 457.2MM)  
MAXIMUM SECTION WIDTH 32" (812.8MM)  
MAXIMUM SECTION HEIGHT 60" (1524MM)  
MAXIMUM SECTION SIZE 13.4 SQ. FT.

OPTIONS

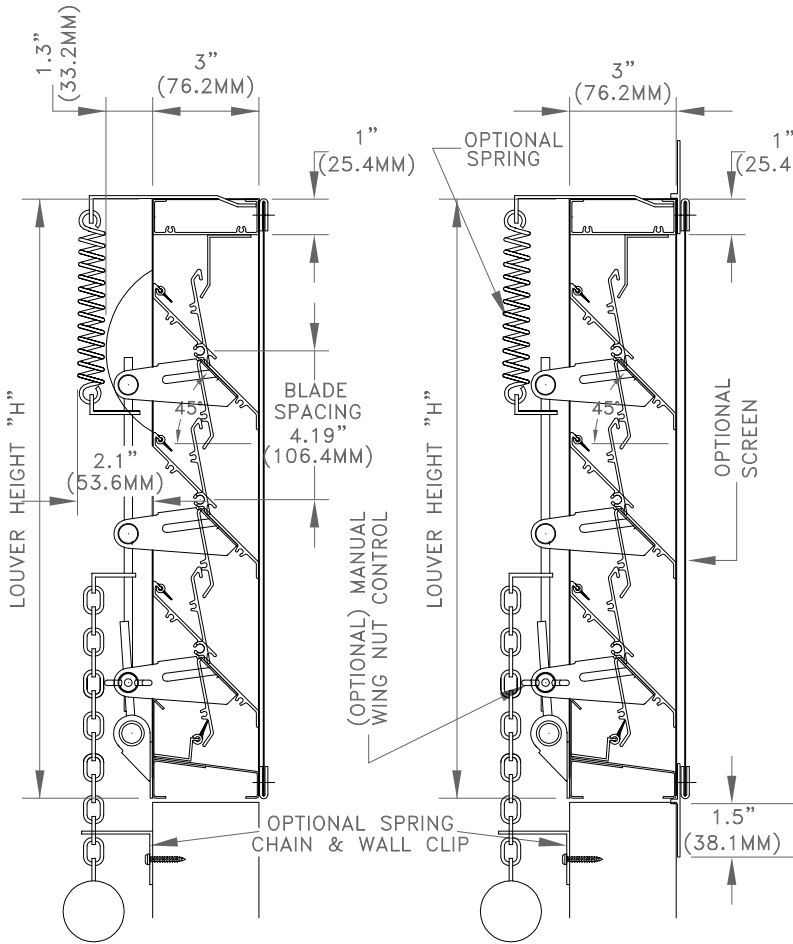
- FRAME - XCF-ADD FLANGE FRAME 1.5" (38.1MM) USING A 2.5" X .081" (63.5MM X 2.1MM) EXTRUDED ALUM. FLAT BAR. BUTT CORNERS, WELDED
- BEARINGS - OILITE BRONZE BUSHINGS
- SCREEN - AS PER REQUEST, IN FRAME, SCREW FASTENED ON OUTSIDE
- FINISH - PRIME COAT, BAKED ENAMEL, ETC.
- CONTROL - MANUAL WING NUT, SPRING & CHAIN, JACK SHAFTS & BRACKETS, MOTORIZED

TECHNICAL NOTES

- MAX. REC. INTAKE VEL. - 660 FPM THROUGH FREE AREA
- SHIPPING WEIGHT - APPROX. 5 LBS./SQ. FT.

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

\* FOR MORE INFORMATION, CONTACT OUR FACTORY \*



XC-345W-0  
VERTICAL SECTION

XCF-345W-0  
VERTICAL SECTION

NOTES

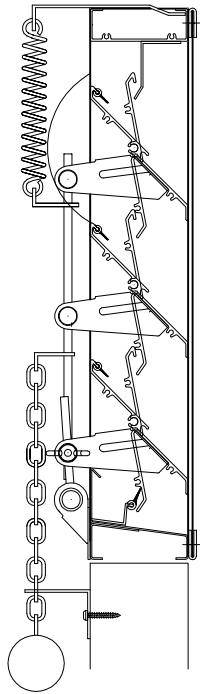
APPROVAL

DATE:  
PROJECT:  
ENGINEER:  
CUSTOMER:  
DISTRIBUTOR:

XC-345W-0



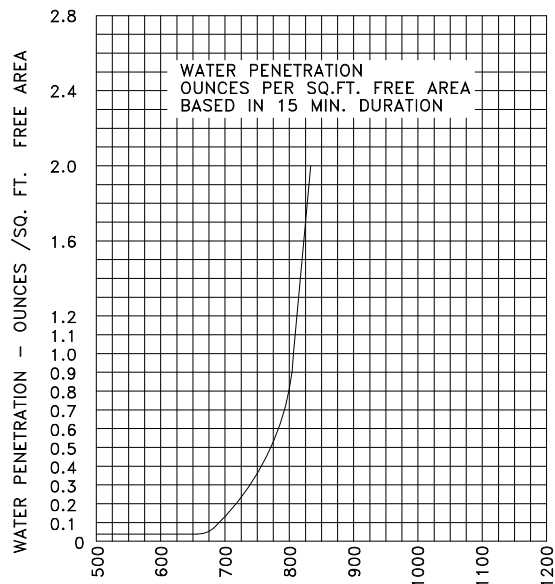
# OPERABLE ALUMINUM LOUVER XC-345W-0



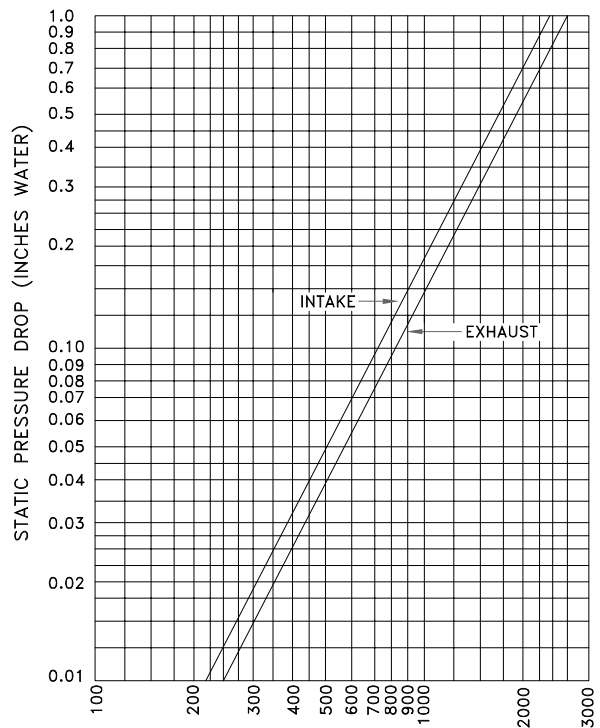
TEST  
CONDITIONS:  
A 48" X 48"  
LOUVER WAS  
USED FOR  
THE TEST;  
AT STANDARD  
AIR DENSITY  
AND  
OPERATING  
TEMPERATURE  
RANGE OF  
65°F - 85°F,  
AND  
15 MINUTES  
TEST DURATION

		WIDTH (INCHES)						
		12	18	24	30	36	42	48
HEIGHT (INCHES)	12	0.18	0.30	0.41	0.53	0.64	0.76	0.88
	16	0.37	0.60	0.83	1.06	1.29	1.52	1.75
	20	0.54	0.88	1.22	1.55	1.89	2.23	2.56
	24	0.66	1.07	1.48	1.90	2.31	2.72	3.13
	28	0.78	1.27	1.75	2.24	2.72	3.21	3.70
	32	0.92	1.50	2.07	2.65	3.22	3.80	4.38
	36	1.11	1.80	2.49	3.18	3.87	4.56	5.25
	40	1.28	2.08	2.87	3.67	4.47	5.27	6.06
	44	1.40	2.27	3.14	4.01	4.89	5.76	6.63
	48	1.52	2.46	3.41	4.36	5.30	6.25	7.20
	52	1.66	2.70	3.73	4.77	5.80	6.84	7.88
	56	1.85	3.00	4.15	5.30	6.45	7.60	8.75
	60	2.02	3.28	4.53	5.79	7.05	8.31	9.57
	64	2.14	3.47	4.80	6.13	7.47	8.60	10.13
	68	2.26	3.66	5.07	6.48	7.88	9.29	10.70
	72	2.40	3.90	5.39	6.89	8.38	9.88	11.38
	76	2.58	4.20	5.81	7.42	9.03	10.64	12.25
	80	2.76	4.47	6.19	7.91	9.63	11.35	13.07
84	2.88	4.67	6.46	8.25	10.05	11.84	13.63	
88	3.00	4.86	6.73	8.80	10.48	12.33	14.20	
92	3.14	5.09	7.05	9.01	10.96	12.92	14.88	
96	3.32	5.36	7.47	9.54	11.61	13.68	15.75	

FREE AREA TABLE (SQUARE FEET)  
RATINGS INCLUDE THE EFFECT OF A BIRD SCREEN



VELOCITY FREE AREA (F.P.M.)  
WATER PENETRATION GRAPH  
660 F.P.M. BEGINNING OF WATER PENETRATION  
(7.5 MPH WIND)



VELOCITY FREE AREA (F.P.M.)  
AIR PERFORMANCE GRAPH

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