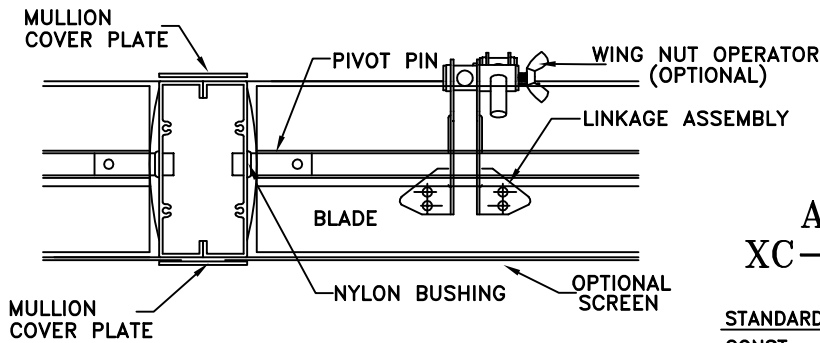
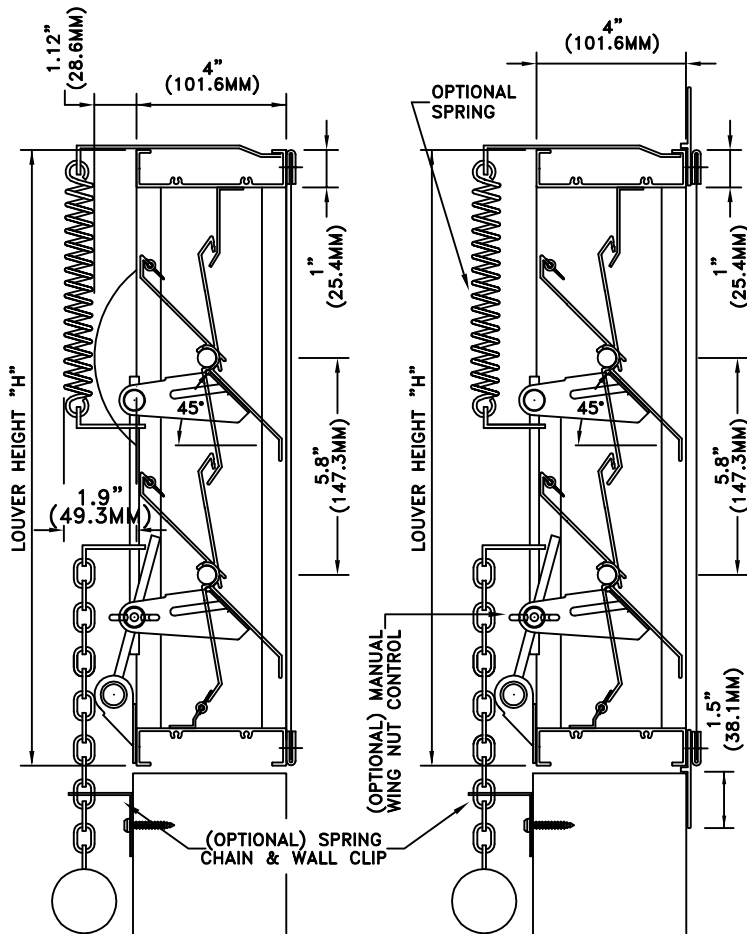


westvent®

**OPERABLE
ALUMINUM LOUVER**
XC-445W-0 XCF-445W-0



HORIZONTAL SECTION



**XC-445W-0
VERTICAL SECTION**

**XCF-445W-0
VERTICAL SECTION**

STANDARD SPECIFICATIONS

- CONST. - 6063-T5 EXTRUDED ALUMINUM, BUTT CORNERS, MULLIONS & SPREADER BARS ON SECTIONS 72" (1828.8MM) AND HIGHER
- FRAME - 4" X 1" X .081" (101.6MM X 25.4MM X 2.1MM) EXTR. ALUM. UP TO 48" (1219.2MM) HIGH. 4" X 1.5" X .081" (101.6MM X 38.1MM 2.1MM) OVER 48" (1219.2MM) CHANNEL. WELDED ASSEMBLY
- BLADES - 4" X .081" (101.6MM X 2.1MM) 12 GA EXTRUDED ALUM., 5.8" (147.32MM) BLADE SPACING, OPEN TO 45°, BLADES HAVE WEATHERLIP IN CENTER
- SEALS - DUAL DUROMETER VINYL BLADETIP & 2" (50.8MM) S.S. SIDE SEALS
- SHAFTS - .5" (12.7MM) DIAMETER C.R. PLATED STEEL
- BEARINGS - .5" (12.7MM) NYLON BUSHINGS
- LINKAGE - IN AIRSTREAM ON INSIDE FACE, ROD TRAVEL 1.5" (38.1MM)
- FINISH - MILL ALUMINUM
- SIZE - MINIMUM 12 "W" X 18 "H" (304.8MM X 457.2MM)
MAXIMUM SECTION WIDTH 48" (1219.2MM)
MAXIMUM SECTION HEIGHT 96" (2438.4MM)
MAXIMUM SECTION SIZE 32 SQ. FT.

OPTIONS

- CONST. - HEAVIER MATERIALS, ALL WELDED FRAME
- FRAME - XCF-ADD FLANGE FRAME 1.5" (38.1MM) USING A 2.5" X .081" (63.5MM X 2.1MM) EXTR. ALUM. FLANGE. BUTT CORNERS, WELDED
- BLADES - .125" (3.18MM) 8 GAUGE EXTR. ALUM.
- BEARINGS - OILITE BRONZE BUSHINGS
- SCREEN - IN FRAME SCREWED ON OUTSIDE FACE
- FINISH - PRIME COAT, BAKED ENAMEL, ETC.
- CONTROL - MANUAL WING NUT, SPRING & CHAIN, JACK SHAFTS, MOTORIZED

TECHNICAL NOTES

- MAX. REC. INTAKE VEL. - 700 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 *

NOTES

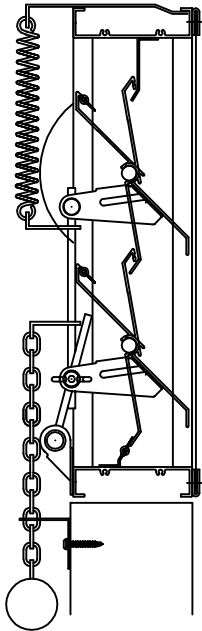
APPROVAL

DATE:
PROJECT:
ENGINEER:
CUSTOMER:
DISTRIBUTOR:

XC-445W-0

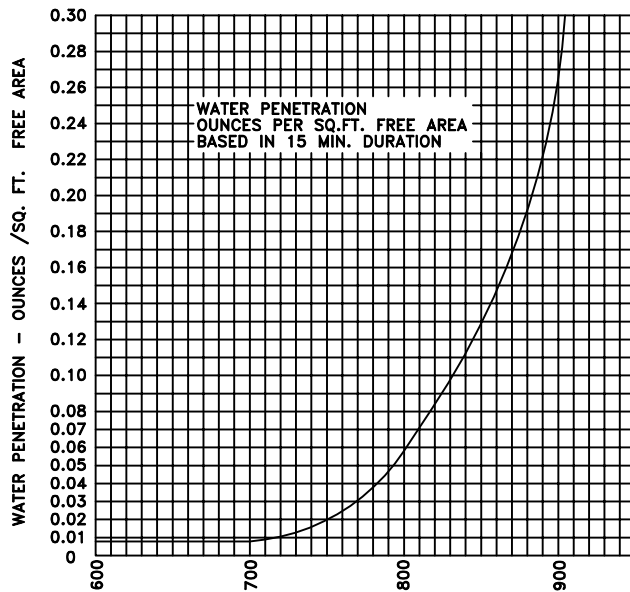


OPERABLE ALUMINUM LOUVER XC-445W-0



TEST
CONDITIONS:

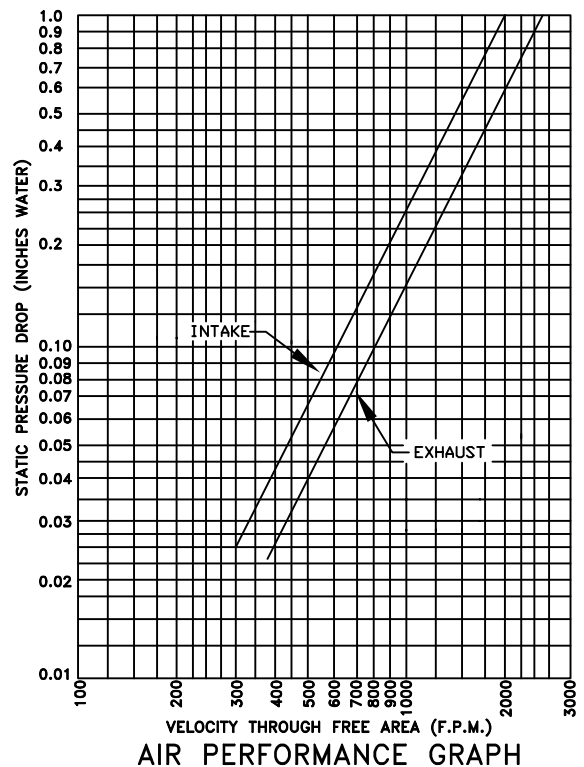
A 24" X 24"
LOUVER WAS
USED FOR
THE TEST
AT STANDARD
AND
OPERATING
TEMPERATURE
RANGE OF
65°F - 85°F,
AND
15 MINUTES
TEST DURATION
WATER PENETRATION



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

HEIGHT (INCHES)	WIDTH (INCHES)						
	12	18	24	30	36	42	48
12	0.15	0.24	0.33	0.43	0.52	0.95	0.70
16	0.26	0.42	0.58	0.74	0.90	1.40	1.22
20	0.37	0.60	0.83	1.06	1.28	1.85	1.74
24	0.48	0.78	1.07	1.37	1.67	2.30	2.26
28	0.59	0.95	1.32	1.68	2.05	2.75	2.78
32	0.70	1.13	1.57	2.00	2.43	3.21	3.30
36	0.81	1.31	1.81	2.31	2.81	3.66	3.82
40	0.92	1.49	2.06	2.63	3.20	4.11	4.34
44	1.03	1.67	2.31	2.94	3.58	4.56	4.86
48	1.14	1.85	2.55	3.26	3.96	5.01	5.37
52	1.25	2.02	2.80	3.57	4.35	5.46	5.89
56	1.36	2.20	3.04	3.89	4.73	5.91	6.41
60	1.47	2.38	3.29	4.20	5.11	6.36	6.93
64	1.58	2.56	3.54	4.52	5.49	6.81	7.45
68	1.69	2.74	3.78	4.83	5.88	7.26	7.97
72	1.80	2.91	4.03	5.14	6.26	7.72	8.49
76	1.91	3.09	4.28	5.46	6.64	8.17	9.01
80	2.02	3.27	4.52	5.77	7.02	8.62	9.53
84	2.13	3.45	4.77	6.09	7.41	9.07	10.05
88	2.24	3.63	5.02	6.40	7.79	9.52	10.57
92	2.35	3.81	5.26	6.72	8.17	9.97	11.08
96	2.46	3.98	5.51	7.03	8.56	10.08	11.60

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



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XC-445W0-2