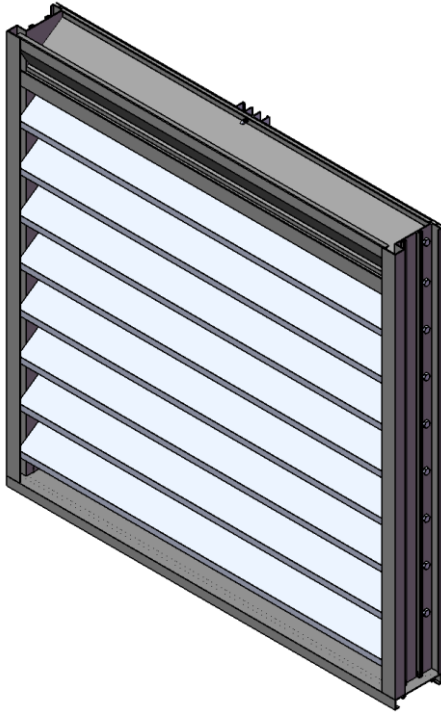


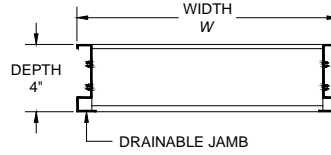


LOUVERS & BACK DRAFT DAMPERS

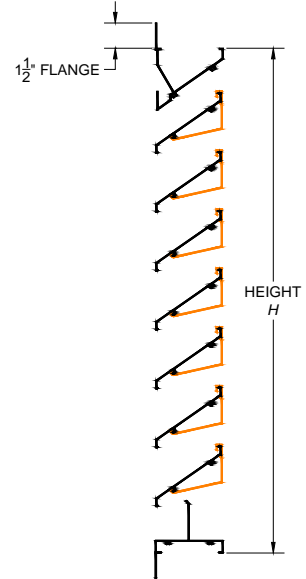
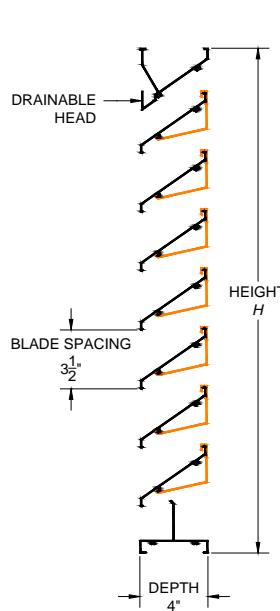
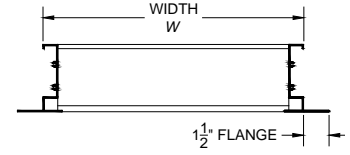
2450 / 2455
4" DEEP HIGH PERFORMANCE LOUVER



MODEL: 2450
FRAME: CHANNEL FRAME
DUCT-MOUNT (DM)



MODEL: 2455
FRAME: FLANGE FRAME
FLANGE-MOUNT (FM)



PERFORMANCE			
LOUVER UNIT SIZE	TOTAL AREA	FREE AREA	FREE AREA
48" x 48"	16 ft ²	8.92 ft ²	55.8%
(1219 x 1219 mm)	(1.49 m ²)	(0.83 m ²)	
BEGINNING POINT OF WATER PENETRATION AT 0.01 oz./ft ² FREE AREA:			738 FPM

STANDARD CONSTRUCTION	
DEPTH:	4" (102 mm)
MATERIAL:	EXTRUDED ALUMINUM - 6063-T5 ALLOY
FRAME THICKNESS:	0.081" (2.06 mm)
BLADE THICKNESS:	0.081" (2.06 mm)
BLADE ANGLE:	35°
BLADE CENTRES:	3.5" (89 mm)
BIRDSCREEN:	19 GA. GALVANIZED BIRDSCREEN - 1/2" x 1/2" OPENINGS
FINISH:	MILL

SIZE LIMITATIONS: SINGLE SECTION LOUVER		
	MINIMUM	MAXIMUM
WIDTH	12" (305 mm)	72" (1829 mm)
HEIGHT	12" (305 mm)	120" (3048 mm)
AREA	1 ft ² (0.09 m ²)	60 ft ² (5.57 m ²)

*LOUVER WILL BE MANUFACTURED 1/4" (6.4 mm) SMALLER (SINGLE SECTION) AND 1/2" (12.7 mm) SMALLER (MULTIPLE SECTION) THAN GIVEN OPENING DIMENSIONS UNLESS OTHERWISE SPECIFIED

AVAILABLE ACCESSORIES		
FINISH: <ul style="list-style-type: none"> BAKED ENAMEL FINISH DURANAR FINISH ANODIZED FINISH <ul style="list-style-type: none"> CLEAR ANODIZED LIGHT BRONZE MEDIUM BRONZE DARK BRONZE BLACK ANODIZED EXTENDED SILLS SECURITY BARS FILTER RACKS STAINLESS STEEL FASTENERS HINGED ACCESS DOORS ALL WELDED CONSTRUCTION CUSTOM GEOMETRIC SHAPES CONTINUOUS LINE CONSTRUCTION WITH HIDDEN MULLIONS TO PROVIDE AN UNINTERRUPTED APPEARANCE 	SCREENS: <ul style="list-style-type: none"> BIRDSCREEN <ul style="list-style-type: none"> 1/2" x 1/2" INTER CRIMPED ALUMINUM ALUMINUM BIRDSCREEN WITH FRAME INSECT SCREEN <ul style="list-style-type: none"> 18 x 14 MESH 	BLANK-OFF PANELS (ALUMINUM): VARIOUS GAUGES <ul style="list-style-type: none"> NON-INSULATED BLANK-OFF PANELS INSULATED BLANK-OFF PANELS <ul style="list-style-type: none"> 1" (25.4 mm) INSULATION 2" (50.8 mm) INSULATION



LOUVERS & BACK DRAFT DAMPERS

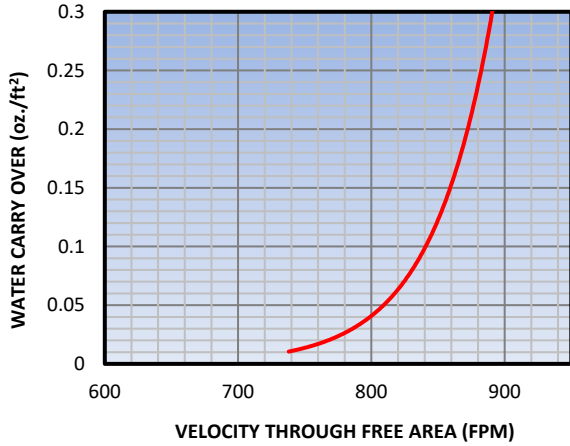
2450 / 2455
4" DEEP HIGH PERFORMANCE LOUVER

FREE AREA (Sq. Ft.)

		WIDTH (INCHES)															
		12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72
12	0.29	0.39	0.50	0.61	0.72	0.83	0.94	1.05	1.16	1.26	1.37	1.48	1.59	1.70	1.81	1.92	
16	0.49	0.67	0.86	1.04	1.23	1.41	1.60	1.78	1.97	2.15	2.34	2.52	2.71	2.89	3.08	3.26	
20	0.68	0.93	1.19	1.45	1.70	1.96	2.22	2.48	2.73	2.99	3.25	3.50	3.76	4.02	4.28	4.53	
24	0.88	1.20	1.54	1.87	2.20	2.53	2.87	3.20	3.53	3.86	4.20	4.53	4.86	5.19	5.53	5.86	
28	1.05	1.44	1.84	2.24	2.63	3.03	3.43	3.82	4.22	4.62	5.02	5.41	5.81	6.21	6.61	7.00	
32	1.25	1.71	2.19	2.66	3.13	3.60	4.08	4.55	5.02	5.49	5.97	6.44	6.91	7.38	7.86	8.33	
36	1.44	1.99	2.53	3.08	3.63	4.18	4.72	5.27	5.82	6.37	6.91	7.46	8.01	8.56	9.10	9.65	
40	1.63	2.24	2.86	3.48	4.10	4.72	5.34	5.95	6.57	7.19	7.81	8.43	9.05	9.67	10.28	10.90	
44	1.83	2.52	3.21	3.91	4.60	5.30	5.99	6.69	7.38	8.08	8.77	9.47	10.16	10.86	11.55	12.25	
48	2.02	2.78	3.55	4.31	5.08	5.85	6.62	7.38	8.15	8.92	9.68	10.45	11.22	11.98	12.75	13.52	
52	2.22	3.05	3.90	4.74	5.58	6.42	7.26	8.11	8.95	9.79	10.63	11.47	12.32	13.16	14.00	14.84	
56	2.39	3.29	4.20	5.10	6.01	6.92	7.82	8.73	9.64	10.55	11.45	12.36	13.27	14.18	15.08	15.99	
60	2.59	3.56	4.54	5.53	6.51	7.49	8.47	9.45	10.44	11.42	12.40	13.38	14.37	15.35	16.33	17.31	
64	2.79	3.83	4.89	5.95	7.01	8.06	9.12	10.18	11.24	12.29	13.35	14.41	15.46	16.52	17.58	18.64	
68	2.97	4.09	5.22	6.35	7.48	8.60	9.73	10.86	11.99	13.12	14.25	15.38	16.50	17.63	18.76	19.89	
72	3.17	4.36	5.56	6.76	7.96	9.16	10.36	11.57	12.77	13.97	15.17	16.37	17.57	18.77	19.98	21.18	
76	3.31	4.55	5.81	7.06	8.32	9.58	10.83	12.09	13.34	14.60	15.86	17.11	18.37	19.62	20.88	22.14	
80	3.48	4.78	6.10	7.42	8.74	10.06	11.38	12.70	14.02	15.34	16.66	17.98	19.30	20.62	21.94	23.26	
84	3.81	5.25	6.69	8.14	9.59	11.03	12.48	13.93	15.38	16.82	18.27	19.72	21.16	22.61	24.06	25.51	
88	3.98	5.48	6.99	8.50	10.01	11.52	13.03	14.54	16.05	17.56	19.07	20.59	22.10	23.61	25.12	26.63	
92	4.15	5.71	7.28	8.86	10.43	12.01	13.58	15.16	16.73	18.30	19.88	21.45	23.03	24.60	26.18	27.75	
96	4.32	5.94	7.58	9.22	10.85	12.49	14.13	15.77	17.41	19.05	20.68	22.32	23.96	25.60	27.24	28.88	
100	4.49	6.17	7.87	9.57	11.28	12.98	14.68	16.38	18.08	19.79	21.49	23.19	24.89	26.59	28.30	30.00	
104	4.65	6.40	8.17	9.93	11.70	13.46	15.23	17.00	18.76	20.53	22.29	24.06	25.82	27.59	29.36	31.12	
108	4.82	6.63	8.46	10.29	12.12	13.95	15.78	17.61	19.44	21.27	23.10	24.93	26.76	28.59	30.42	32.25	
112	5.16	7.09	9.05	11.01	12.97	14.92	16.88	18.84	20.79	22.75	24.71	26.66	28.62	30.58	32.54	34.49	
116	5.33	7.33	9.35	11.37	13.39	15.41	17.43	19.45	21.47	23.49	25.51	27.53	29.55	31.57	33.59	35.62	
120	5.49	7.56	9.64	11.73	13.81	15.89	17.98	20.06	22.15	24.23	26.32	28.40	30.49	32.57	34.65	36.74	

WATER PENETRATION - 2450 / 2455

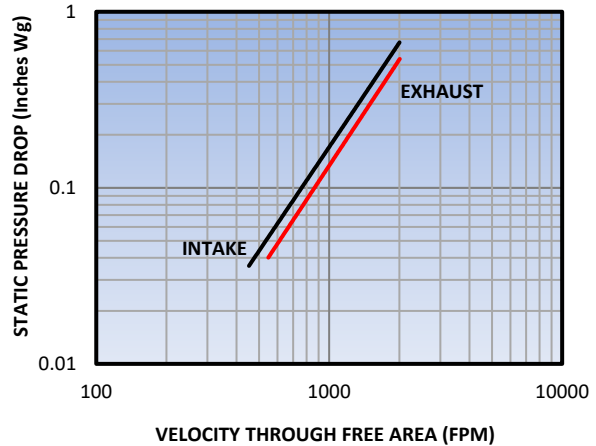
15 MINUTE DURATION, TEST SIZE 48" x 48"



BEGINNING POINT OF WATER PENETRATION AT 0.01 oz./ft² FREE AREA IS 738 FPM

PRESSURE DROP - 2450 / 2455

FIGURE 5.5, TEST SIZE 48" x 48"



*TEST RESULTS DO NOT INCLUDE THE EFFECTS OF BIRDSCREEN

RECOMMENDED SPECIFICATION

Furnish and install stationary louver models 2450 / 2455 as manufactured by Ventex Inc, Bolton, Ontario. Louvers shall be 4" (102 mm) deep. Blades shall be 0.081" (2.06 mm) extruded 6063-T5 aluminum alloy and frame shall be 0.081" (2.06 mm) extruded 6063-T5 aluminum alloy. Louvers shall have 19 gauge galvanized 1/2" x 1/2" birdscreen. All materials shall be factory finished after assembly with Polyester Power Coat in a color selected from the Ventex Color Chart.