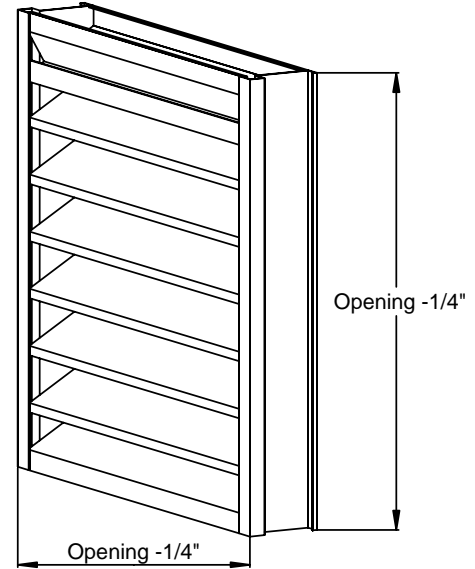
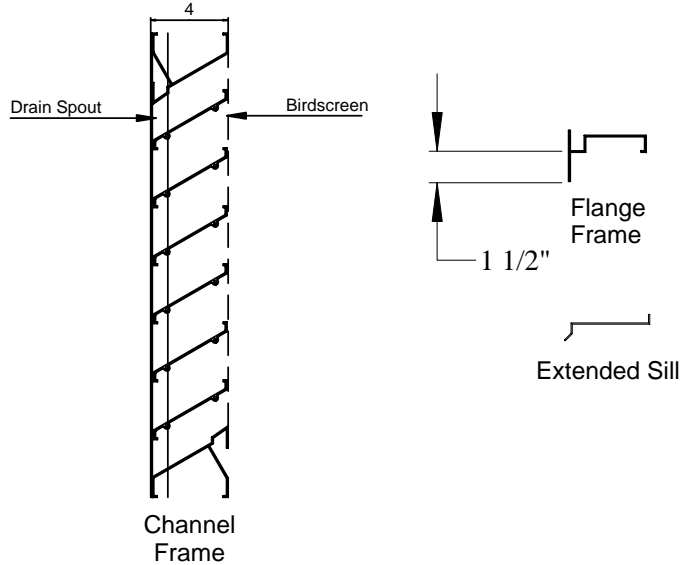




LOUVERS & DAMPERS

Models: 2450 & 2455 4 INCH EXTRUDED ALUMINIUM STATIONARY EXHAUST LOUVER



Quantity	Ref. #	Width (W) Opening Size*	Height (H) Opening Size*	Frame	Accessories
PROJECT NAME:				ENGINEER:	
CONTRACTOR:				SUBMITTAL DATE:	

STANDARD CONSTRUCTION

Depth: 4 Inches (101 mm)
Frame Style: Specify 2450 For Channel Frame
 Specify 2455 For Flange Frame
Frame Thickness: 0.081" 6063-T5 Extruded Aluminium
Blade Thickness: 0.081" 6063-T5 Extruded Aluminium
Blade Centres: 3 1/2 Inches (89 mm)
Blade Angle: 35 Degrees
Minimum Height: 12 Inches (300 mm)
Maximum Panel Width: 120 Inches (3048 mm)
Maximum Panel Height: 120 Inches (3048 mm)
Standard Finish: Mill

Free Area of 48" x 48" Unit: 9.26 Sq.ft. Free Area
 0.83 Sq.m Free Area

Free Area Percentage: 56.6 Percent

Static Pressure @ 700 FPM Intake: 0.06"W.G.

*Louver will be manufactured 1/4" smaller than given opening dimensions, unless otherwise specified.

AVAILABLE ACCESSORIES

Bird Screen: 1/2 x 1/2 Inter Crimped Aluminium
Insect Screen: 18 x 14 Mesh
Finish: Mill Finish (Standard)
 Paint Color #: V
Anodized Finish: Clear Light Bronze
 Medium Bronze Dark Bronze
Accessories: Aluminium Blank Off Panel
 1" or 2" Insulated Blank Off Panel
 Hinged Frame
 Stainless Steel Screws
 Hinged Frame and Louvered Access Door
 Security Bars
 Extended Sills
 Extended Sleeves
 Filter Racks
 Some Custom Geometric Shapes
 All Welded Construction



Model 2450 and Model 2455
Free Area in Square Feet

		WIDTH IN INCHES															
Inches	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	
	12	0.33	0.47	0.60	0.74	0.87	1.01	1.15	1.28	1.42	1.55	1.69	1.83	1.96	2.10	2.23	2.37
	16	0.52	0.74	0.96	1.17	1.39	1.60	1.82	2.03	2.25	2.46	2.68	2.89	3.11	3.32	3.54	3.75
	20	0.67	0.95	1.22	1.50	1.78	2.05	2.33	2.60	2.88	3.15	3.43	3.71	3.98	4.26	4.53	4.81
	24	0.86	1.21	1.57	1.92	2.27	2.62	2.98	3.33	3.68	4.03	4.39	4.74	5.09	5.45	5.80	6.15
	28	1.05	1.48	1.92	2.35	2.78	3.21	3.64	4.07	4.51	4.94	5.37	5.80	6.23	6.66	7.10	7.53
H	32	1.20	1.69	2.18	2.67	3.16	3.65	4.14	4.63	5.13	5.62	6.11	6.60	7.09	7.58	8.07	8.56
	36	1.39	1.96	2.53	3.09	3.66	4.23	4.80	5.37	5.94	6.51	7.08	7.65	8.22	8.79	9.36	9.92
E	40	1.58	2.23	2.87	3.52	4.17	4.82	5.46	6.11	6.76	7.41	8.05	8.70	9.35	10.00	10.64	11.29
	44	1.73	2.43	3.14	3.85	4.56	5.27	5.98	6.68	7.39	8.10	8.81	9.52	10.23	10.93	11.64	12.35
I	48	1.92	2.70	3.49	4.27	5.06	5.84	6.63	7.42	8.20	9.26	9.77	10.56	11.35	12.13	12.92	13.70
	52	2.11	2.97	3.83	4.70	5.56	6.43	7.29	8.16	9.02	9.88	10.75	11.61	12.48	13.34	14.20	15.07
G	56	2.25	3.18	4.10	5.03	5.95	6.88	7.80	8.73	9.65	10.58	11.50	12.43	13.35	14.28	15.20	16.12
	60	2.44	3.45	4.45	5.45	6.46	7.46	8.46	9.47	10.47	11.47	12.48	13.48	14.48	15.48	16.49	17.49
H	64	2.64	3.72	4.80	5.89	6.97	8.05	9.13	10.22	11.30	12.38	13.46	14.55	15.63	16.71	17.79	18.88
	68	2.78	3.92	5.06	6.21	7.35	8.49	9.63	10.77	11.91	13.05	14.20	15.34	16.48	17.62	18.76	19.90
T	72	2.97	4.19	5.41	6.63	7.85	9.07	10.29	11.51	12.73	13.95	15.17	16.39	17.61	18.83	20.04	21.26
	76	3.17	4.46	5.76	7.06	8.36	9.66	10.96	12.26	13.55	14.85	16.15	17.45	18.75	20.05	21.35	22.64
	80	3.43	4.84	6.25	7.66	9.07	10.48	11.88	13.29	14.70	16.11	17.52	18.93	20.34	21.74	23.15	24.56
	84	3.57	5.04	6.51	7.97	9.44	10.91	12.37	13.84	15.31	16.77	18.24	19.71	21.17	22.64	24.11	25.57
	88	3.76	5.31	6.85	8.39	9.94	11.48	13.03	14.57	16.11	17.66	19.20	20.74	22.29	23.83	25.38	26.92
	92	3.84	5.41	6.99	8.56	10.13	11.71	13.28	14.86	16.43	18.01	19.58	21.15	22.73	24.30	25.88	27.45
	96	4.03	5.68	7.33	8.99	10.64	12.29	13.95	15.60	17.25	18.90	20.56	22.21	23.86	25.51	27.17	28.82

Hi-Pro 2000 Model 2450 and Model 2455
Percentage of Free Area

		WIDTH IN INCHES															
Inches	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	
	12	33.1%	35.0%	36.2%	36.9%	37.5%	37.9%	38.2%	38.5%	38.7%	38.8%	39.0%	39.1%	39.2%	39.3%	39.4%	39.5%
	16	39.4%	41.6%	43.0%	43.9%	44.5%	45.0%	45.4%	45.7%	46.0%	46.2%	46.3%	46.5%	46.6%	46.7%	46.8%	46.9%
	20	40.3%	42.7%	44.1%	45.0%	45.7%	46.2%	46.5%	46.9%	47.1%	47.3%	47.5%	47.7%	47.8%	47.9%	48.0%	48.1%
	24	43.0%	45.5%	47.0%	48.0%	48.7%	49.2%	49.6%	49.9%	50.2%	50.4%	50.6%	50.8%	50.9%	51.1%	51.2%	51.3%
	28	45.1%	47.7%	49.3%	50.3%	51.0%	51.6%	52.0%	52.4%	52.7%	52.9%	53.1%	53.3%	53.4%	53.5%	53.7%	53.8%
H	32	44.9%	47.5%	49.0%	50.1%	50.8%	51.4%	51.8%	52.1%	52.4%	52.7%	52.9%	53.0%	53.2%	53.3%	53.4%	53.5%
	36	46.2%	48.9%	50.5%	51.6%	52.3%	52.9%	53.4%	53.7%	54.0%	54.2%	54.5%	54.6%	54.8%	54.9%	55.0%	55.1%
E	40	47.3%	50.1%	51.7%	52.8%	53.6%	54.2%	54.6%	55.0%	55.3%	55.5%	55.8%	55.9%	56.1%	56.2%	56.3%	56.5%
	44	47.1%	49.8%	51.4%	52.5%	53.3%	53.9%	54.3%	54.7%	55.0%	55.2%	55.4%	55.6%	55.8%	55.9%	56.0%	56.1%
I	48	47.9%	50.6%	52.3%	53.4%	54.2%	54.8%	55.3%	55.6%	55.9%	56.6%	56.4%	56.6%	56.7%	56.9%	57.0%	57.1%
	52	48.6%	51.4%	53.1%	54.2%	55.0%	55.6%	56.1%	56.5%	56.8%	57.0%	57.2%	57.4%	57.6%	57.7%	57.8%	58.0%
G	56	48.3%	51.1%	52.8%	53.9%	54.7%	55.3%	55.7%	56.1%	56.4%	56.7%	56.9%	57.1%	57.2%	57.4%	57.5%	57.6%
	60	48.9%	51.7%	53.4%	54.5%	55.3%	56.0%	56.4%	56.8%	57.1%	57.4%	57.6%	57.8%	57.9%	58.1%	58.2%	58.3%
H	64	49.5%	52.3%	54.0%	55.2%	56.0%	56.6%	57.1%	57.5%	57.8%	58.0%	58.3%	58.4%	58.6%	58.7%	58.9%	59.0%
	68	49.1%	51.9%	53.6%	54.8%	55.6%	56.2%	56.6%	57.0%	57.3%	57.6%	57.8%	58.0%	58.2%	58.3%	58.4%	58.5%
T	72	49.5%	52.4%	54.1%	55.3%	56.1%	56.7%	57.2%	57.5%	57.9%	58.1%	58.3%	58.5%	58.7%	58.8%	59.0%	59.1%
	76	50.0%	52.9%	54.6%	55.7%	56.6%	57.2%	57.7%	58.1%	58.4%	58.6%	58.9%	59.0%	59.2%	59.4%	59.5%	59.6%
	80	51.5%	54.5%	56.3%	57.4%	58.3%	58.9%	59.4%	59.8%	60.1%	60.4%	60.6%	60.8%	61.0%	61.2%	61.3%	61.4%
	84	51.1%	54.0%	55.8%	57.0%	57.8%	58.4%	58.9%	59.3%	59.6%	59.9%	60.1%	60.3%	60.5%	60.6%	60.8%	60.9%
	88	51.3%	54.3%	56.1%	57.2%	58.1%	58.7%	59.2%	59.6%	59.9%	60.2%	60.4%	60.6%	60.8%	60.9%	61.1%	61.2%
	92	50.1%	52.9%	54.7%	55.8%	56.7%	57.3%	57.8%	58.1%	58.5%	58.7%	58.9%	59.1%	59.3%	59.4%	59.6%	59.7%
	96	50.4%	53.3%	55.0%	56.2%	57.0%	57.6%	58.1%	58.5%	58.8%	59.1%	59.3%	59.5%	59.7%	59.8%	59.9%	60.0%

Recommended Specification

Furnish and install stationary louver models 2450 / 2455 as manufactured by Ventex, Bolton Ontario.
Louvers shall be 4 inches (101 mm) deep. Blades shall be 0.081 Inches (2.06 mm), frame shall be 0.081 (2.06 mm) extruded aluminium, alloy 6063-T5.

Louvers shall have a 19 guage galvanized 1/2 x 1/2 birdscreen. All materials shall be factory finished after assembly with Polyester Baking Enamel in a color selected from the Ventex Color Chart.