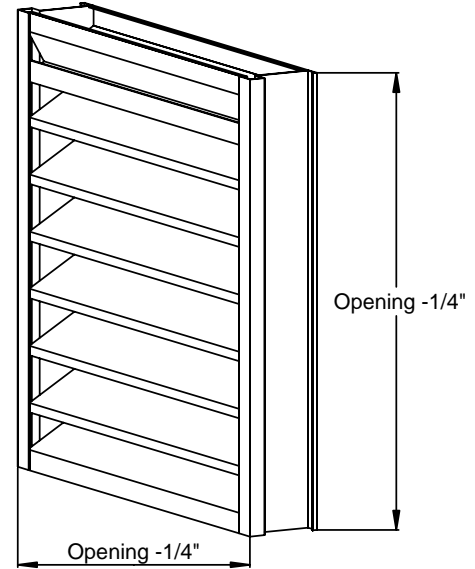
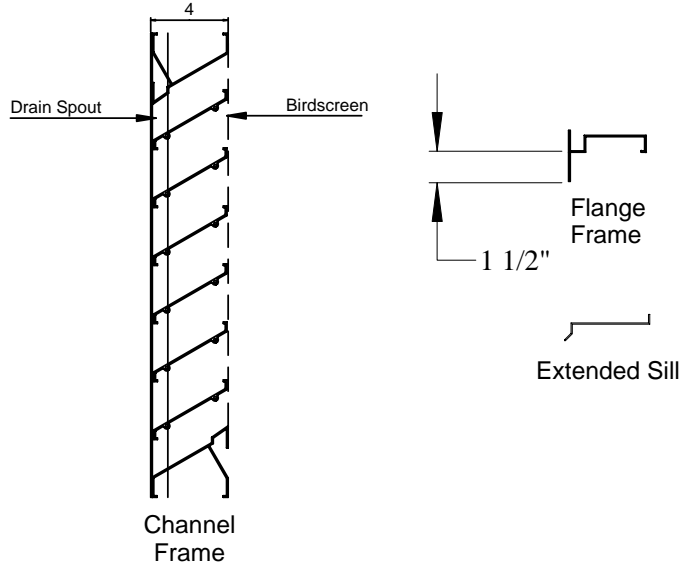




LOUVERS & DAMPERS

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



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

**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.