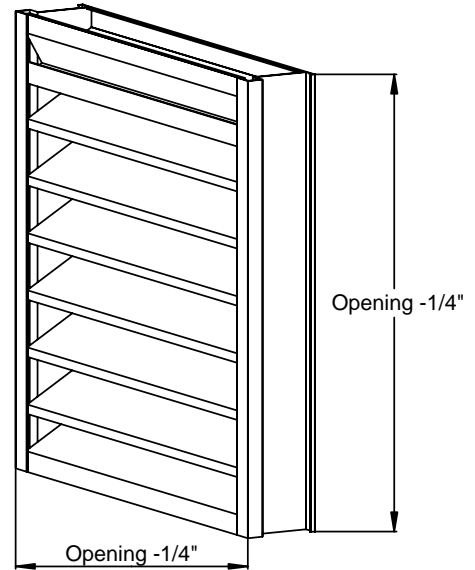
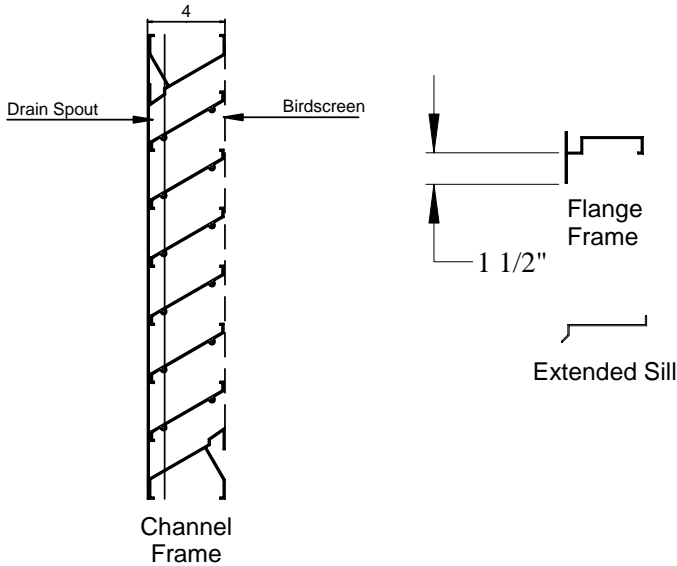


LOUVERS & DAMPERS

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



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%