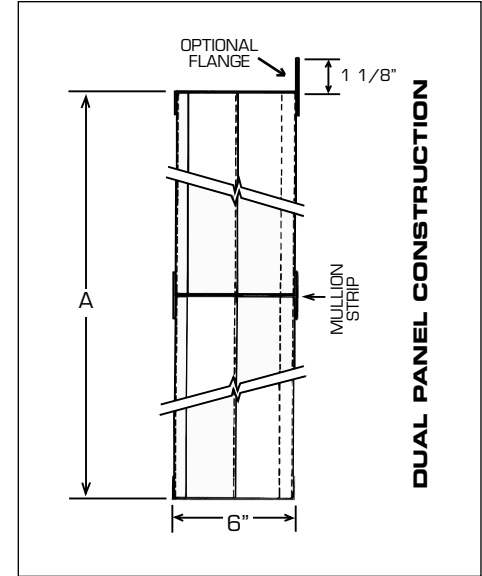
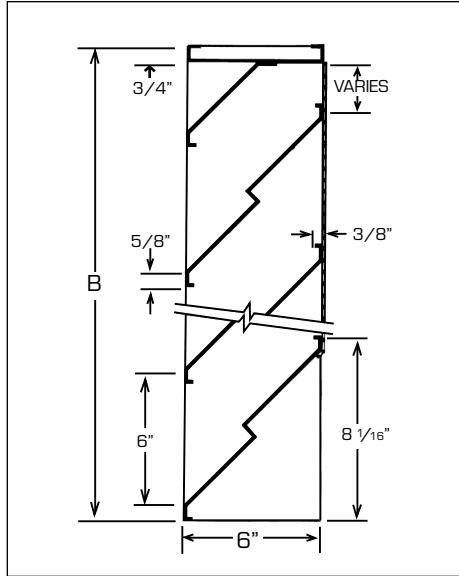




**CERTIFICATION & SUBMITTAL  
MODEL 4610 FABRICATED METAL LOUVER  
6" Deep "K" Blade @ 45°**



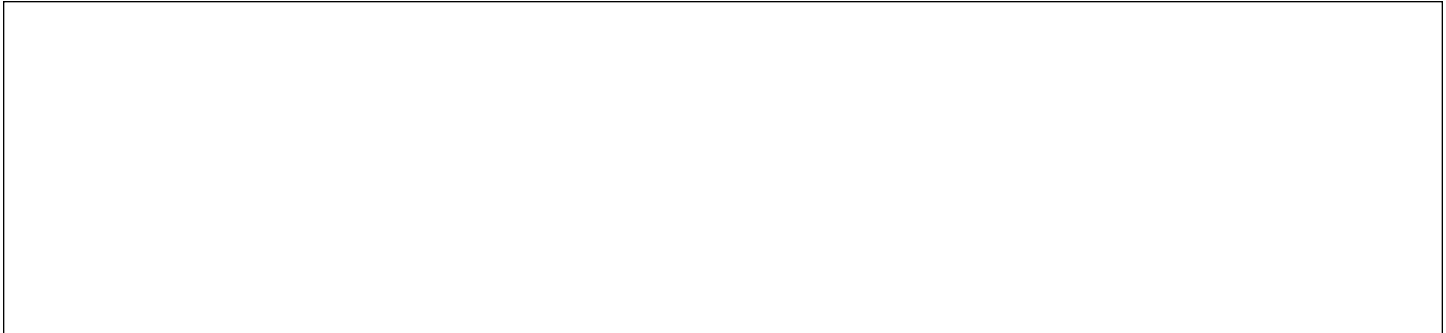
**STANDARD SPECIFICATIONS**

- **FRAME:** 18 gauge galvanized steel.
- **BLADES:** 18 gauge galvanized steel, permanently riveted to frame.
- **BIRDSCREEN:** 19 gauge 1/2" x 1/2" galvanized steel.
- **FINISH:** Standard Mill.
- **MAXIMUM SINGLE SECTION:** 72" x 96"
- **MINIMUM SIZE:** 6" x 12"

**NOTE:** A & B are opening dimensions. Unless otherwise specified, louvers are made 1/4" undersize.

**OPTIONS**

- 31 Flange.
- 34 Buck Frame (requires flanged louver).
- 35 Sill Extension.
- 36 All welded construction.
- 40 Standard Screen in removable frame.
- 42 18 x 16 Mesh aluminum insect screen.
- 63 Burglar Bars.
- 81 16 Gauge construction.
- 86 Aluminum construction.
- 95 Finishing.

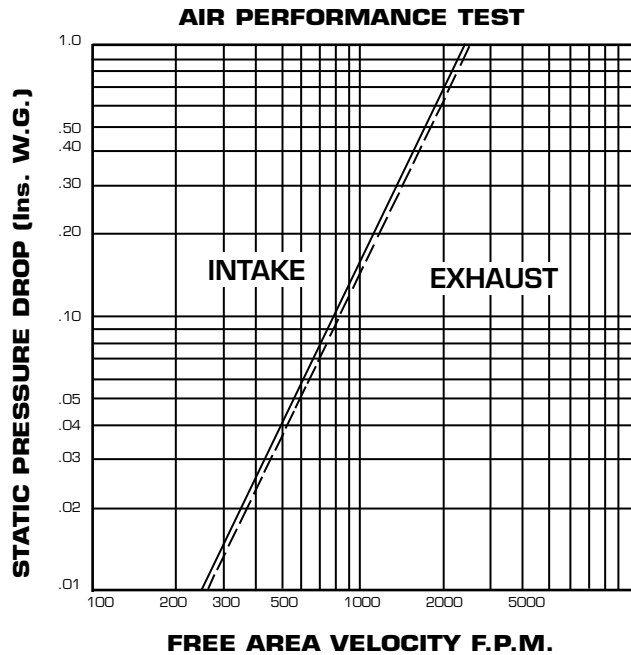


**PERFORMANCE DATA MODEL 4610  
FABRICATED METAL LOUVER  
6" Deep Stationary Blade @ 45°**

**FREE AREA CHART**

		<b>A - WIDTH (In Inches)</b>															
		12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72
<b>B - HEIGHT (In Inches)</b>	12	.20	.28	.36	.44	.52	.60	.68	.76	.84	.92	1.00	1.08	1.16	1.24	1.32	1.40
	16	.28	.39	.50	.61	.72	.83	.94	1.05	1.16	1.26	1.37	1.48	1.59	1.70	1.81	1.92
	20	.41	.57	.73	.89	1.05	1.21	1.37	1.53	1.69	1.85	2.01	2.17	2.33	2.49	2.65	2.81
	24	.61	.85	1.09	1.33	1.57	1.81	2.05	2.29	2.53	2.77	3.01	3.25	3.49	3.73	3.97	4.21
	28	.69	.96	1.23	1.50	1.77	2.04	2.30	2.57	2.84	3.11	3.38	3.65	3.92	4.19	4.46	4.73
	32	.82	1.14	1.46	1.78	2.10	2.42	2.74	3.05	3.37	3.69	4.01	4.33	4.65	4.97	5.29	5.61
	36	1.02	1.42	1.82	2.22	2.62	3.02	3.42	3.82	4.22	4.62	5.02	5.42	5.81	6.21	6.61	7.01
	40	1.10	1.53	1.96	2.39	2.81	3.24	3.67	4.10	4.53	4.96	5.39	5.82	6.24	6.67	7.10	7.53
	44	1.23	1.71	2.19	2.67	3.14	3.62	4.10	4.50	5.06	5.54	6.02	6.50	6.98	7.46	7.94	8.42
	48	1.43	1.99	2.55	3.11	3.67	4.23	4.79	5.35	5.90	6.46	7.02	7.58	8.14	8.70	9.26	9.82
	52	1.51	2.10	2.69	3.27	3.86	4.45	5.04	5.63	6.22	6.81	7.39	7.98	8.57	9.16	9.75	10.34
	56	1.64	2.28	2.91	3.55	4.19	4.83	5.47	6.11	6.75	7.39	8.03	8.66	9.30	9.94	10.58	11.22
	60	1.84	2.56	3.28	4.00	4.72	5.44	6.15	6.87	7.59	8.31	9.03	9.75	10.47	11.19	11.90	12.62
	64	1.92	2.67	3.41	4.16	4.91	5.66	6.41	7.16	7.90	8.65	9.40	10.15	10.90	11.64	12.39	13.14
	68	2.05	2.85	3.64	4.44	5.24	6.04	6.84	7.64	8.44	9.23	10.03	10.83	11.63	12.43	13.23	14.03
	72	2.25	3.13	4.01	4.89	5.77	6.64	7.52	8.40	9.28	10.16	11.04	11.91	12.79	13.67	14.55	15.43
76	2.33	3.23	4.14	5.05	5.96	6.87	7.77	8.68	9.59	10.50	11.41	12.31	13.22	14.13	15.04	15.95	
80	2.46	3.41	4.37	5.33	6.29	7.25	8.21	9.16	10.12	11.08	12.04	13.00	13.96	14.91	15.87	16.83	
84	2.66	3.70	4.74	5.78	6.81	7.85	8.89	9.93	10.97	12.00	13.04	14.08	15.12	16.16	17.20	18.23	
88	2.74	3.80	4.87	5.94	7.01	8.07	9.14	10.21	11.28	12.35	13.41	14.48	15.55	16.62	17.68	18.75	
92	2.87	3.90	5.10	6.22	7.34	8.46	9.57	10.69	11.81	12.93	14.05	15.16	16.28	17.40	18.52	19.64	
06	3.07	4.27	5.47	6.66	7.86	9.06	10.26	11.46	12.65	13.85	15.05	16.25	17.44	18.64	19.84	21.04	

**FREE AREA (Sq. Ft.)**



Data shown does not include the effect of a 1/2" x 1/2" x 19 ga. galvanized birdscreen. Graphs are corrected to standard air density .075 lb. per cubic foot.

**RECOMMENDED MAXIMUM INTAKE FREE AREA VELOCITY 750 F.P.M.**