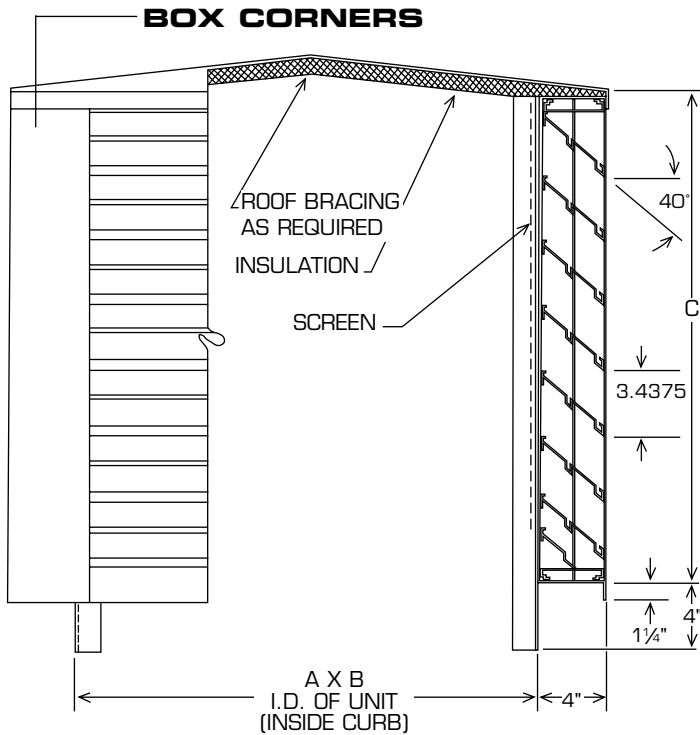




**CERTIFICATION & SUBMITTAL
 MODEL 7192
 Extruded Aluminum Penthouses**



STANDARD SPECIFICATIONS

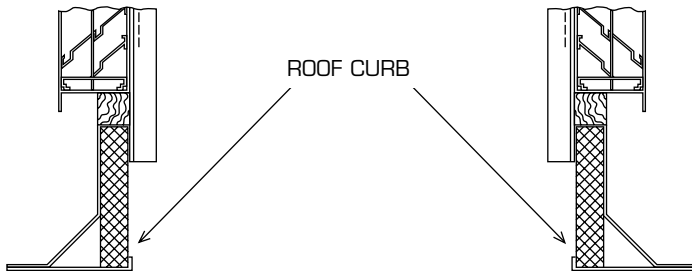
- **FRAME:** 1-1/2" x 1-1/2" x 1/8" aluminum structural angles.
- **BLADES:** .081 6063T5 extruded aluminum.
- **ROOF:** Removable .063 3003-H-14 aluminum press formed and screwed to frame.
- **INSULATION:** 1/2" fiberglass on underside of roof.
- **BIRDSCREEN:** .051 x 3/4" diamond pattern expanded aluminum.
- **CONSTRUCTION:** Box Corner - .063 aluminum.
- **FINISH:** Standard Mill.

OPTIONS

- 40 Standard screen in removable frame.
- 42 18 x 16 mesh aluminum insect screen (removable).
- 45 1/2" x 1/2" x .063 aluminum screen.
- 47 1/2" x 1/2" x 19 gauge PVC coated birdscreen.
- 95 Finishing (add roof when determining sq. ft.).
- 99 Nonstandard option on standard products, specify.

NOTES

1. A and B are opening dimensions. Unless otherwise specified, penthouses are made 1/2" undersize.
2. Refer to form # 2760 for louver construction.
3. Refer to catalog # 8000 for roof curb information.
4. Large units, depending on freight requirements are shipped knocked down in multiple sections for field assembly.



**Penthouse Model
7192**

**Corners
Box**

**Louver Model
2760**



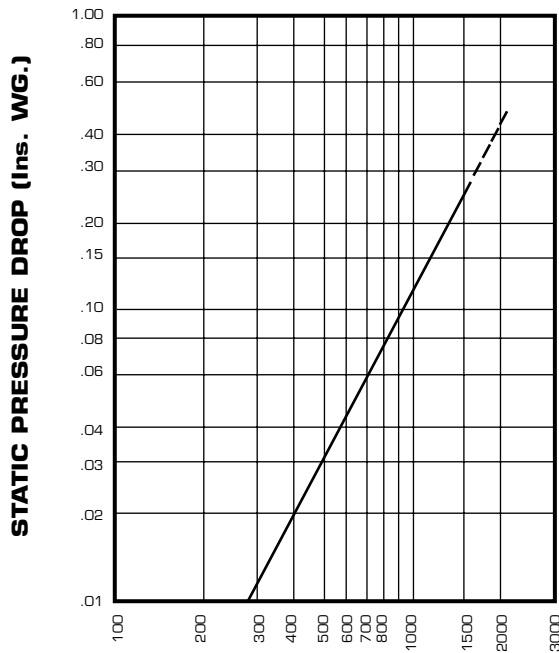
**PERFORMANCE DATA
MODEL 7192
Extruded Aluminum Penthouse**

FREE AREA CHART

		A - WIDTH (In Inches)															
		12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72
B - HEIGHT (In Inches)	12	.28	.39	.50	.61	.72	.83	.94	1.06	1.17	1.28	1.39	1.50	1.61	1.72	1.84	1.95
	16	.44	.62	.80	.98	1.16	1.34	1.52	1.70	1.88	2.06	2.24	2.41	2.59	2.77	2.95	3.13
	20	.62	.88	1.13	1.38	1.63	1.88	2.14	2.39	2.64	2.89	3.14	3.40	3.65	3.90	4.15	4.41
	24	.80	1.13	1.45	1.78	2.10	2.43	2.75	3.08	3.40	3.73	4.05	4.38	4.70	5.03	5.35	5.68
	28	.98	1.38	1.78	2.18	2.58	2.97	3.37	3.77	4.17	4.57	4.96	5.36	5.76	6.16	6.56	6.95
	32	1.12	1.58	2.03	2.48	2.94	3.39	3.84	4.30	4.75	5.20	5.66	6.11	6.56	7.02	7.47	7.92
	36	1.25	1.76	2.26	2.77	3.27	3.78	4.28	4.79	5.30	5.80	6.31	6.81	7.32	7.83	8.33	8.83
	40	1.47	2.07	2.67	3.26	3.86	4.45	5.05	5.65	6.24	6.84	7.43	8.03	8.62	9.22	9.82	10.41
	44	1.61	2.36	2.92	3.57	4.22	4.87	5.52	6.17	6.82	7.47	8.13	8.78	9.43	10.08	10.73	11.38
	48	1.79	2.52	3.24	3.97	4.69	5.41	6.14	6.86	7.59	8.31	9.04	9.76	10.48	11.21	11.93	12.66
	52	1.97	2.77	3.57	4.36	5.16	5.96	6.76	7.55	8.35	9.15	9.95	10.74	11.54	12.34	13.13	13.93
	56	2.06	2.89	3.72	4.55	5.39	6.22	7.05	7.88	8.71	9.55	10.38	11.21	12.04	12.87	13.71	14.54
	60	2.31	3.24	4.17	5.11	6.04	6.97	7.90	8.84	9.77	10.70	11.63	12.57	13.50	14.43	15.37	16.30
	64	2.49	3.50	4.51	5.51	6.52	7.53	8.54	9.54	10.55	11.56	12.57	13.57	14.58	15.59	16.60	17.60
	68	2.60	3.65	4.70	5.75	6.80	7.85	8.90	9.96	11.01	12.06	13.11	14.16	15.21	16.26	17.31	18.36
	72	2.78	2.90	5.03	6.15	7.28	8.40	9.52	10.65	11.77	12.89	14.02	15.14	16.26	17.39	18.51	19.64

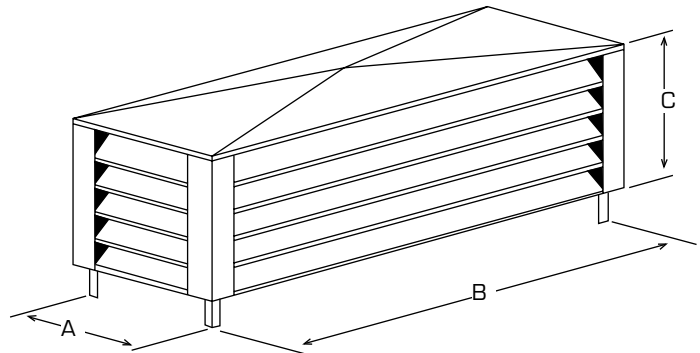
FREE AREA (Sq. Ft.) PER LOUVER SECTION

AIR PERFORMANCE



FREE AREA VELOCITY F.P.M.

Air Performance data reflects both intake and exhaust modes.



Free Area = {2 (Ax C)} + {2 (Bx C)}

Example: Model 7192
 48" (A) x 72" (B) x 36" (C) I.D. Dimensions
 Free Area = {2 (Free Area of 48" x 36")} + {2 (Free Area of 72" x 36")}
 Free Area = {2 (5.80)} + {2 (8.83)}
 Free Area = (11.60) + (17.66)
 Free Area = 29.26 Sq. Ft.

It is possible for moisture to penetrate louvers under adverse atmospheric conditions. Drained ductwork or other means of drainage is recommended.

Data shown does not include birdscreen. Graphs are corrected to standard air density .075 lb. per cubic foot.

RECOMMENDED MAXIMUM INTAKE FREE AREA VELOCITY 650 F.P.M.