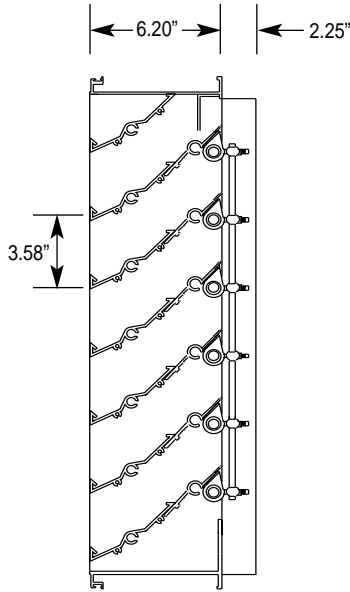
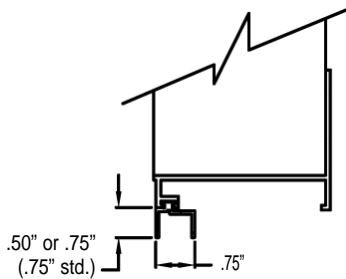
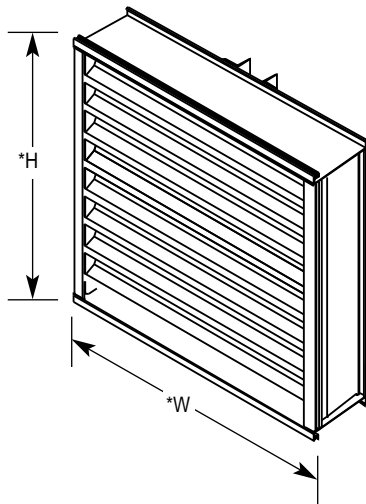


Extruded Aluminum Combination Drainable Blade Louver 6" Deep

Model: FPGB Channel Frame, FTGB Flanged Frame



Section View



Glazing Adapter
Optional

*Width and height dimensions are approximately 1/4" under listed size.

Model FPGB

▼ Standard Specifications

Frame: .125 extruded aluminum, 6.20" deep

Adjustable Blade: .125 extruded aluminum

Fixed Blade: .081 extruded aluminum positioned on a 37° angle on approximately 3.58" centers

Linkage: exposed

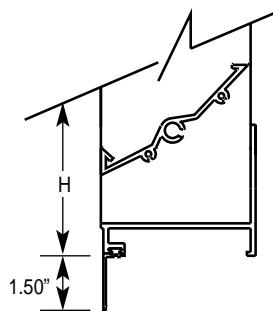
Finish: mill aluminum (standard)

Screen: 3/4" x .051" flattened aluminum in removable frame. Screen is mounted on inside (rear) as looking from exterior of building.

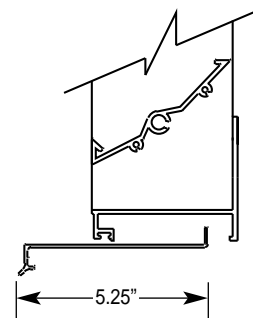
Maximum Panel Size: 60"w x 120"h single section. Factory assembled multi-section max: 108"w x 120"h. Larger sizes are field assembled.

Minimum Panel Size: 12"w x 12"h

Note: Drainable blade louvers should be limited to 10' maximum section widths (no more than 10' between vertical downspouts) to enable the drainable design to function effectively.



Flanged Frame
Optional



Extended Sill
Optional



The Carnes Company certifies that the model FPGB/FTGB louver shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to air performance ratings and water penetration ratings.

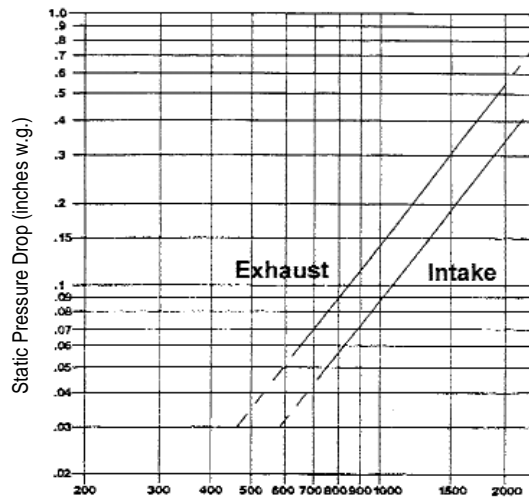
Model FPGB and FTGB

Free Area in Square Feet

HEIGHT INCHES	WIDTH IN INCHES																		
	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
12	0.19	0.30	0.42	0.54	0.65	0.77	0.89	1.01	1.12	1.24	1.36	1.47	1.59	1.71	1.82	1.94	2.06	2.18	2.29
18	0.41	0.67	0.93	1.19	1.45	1.72	1.98	2.24	2.50	2.76	3.02	3.28	3.54	3.80	4.06	4.32	4.58	4.84	5.10
24	0.68	1.11	1.54	1.97	2.4	2.83	3.26	3.69	4.12	4.55	4.98	5.41	5.84	6.27	6.70	7.13	7.56	7.99	8.42
30	0.88	1.43	1.99	2.54	3.09	3.65	4.20	4.75	5.31	5.86	6.41	6.97	7.52	8.07	8.63	9.18	9.73	10.29	10.84
36	1.09	1.78	2.46	3.15	3.83	4.52	5.21	5.89	6.58	7.26	7.95	8.63	9.32	10.01	10.69	11.38	12.06	12.75	13.43
42	1.36	2.22	3.08	3.93	4.79	5.65	6.50	7.36	8.22	9.07	9.93	10.79	11.64	12.50	13.36	14.21	15.07	15.93	16.78
48	1.56	2.54	3.52	4.50	5.48	6.46	7.44	8.42	9.40	10.38	11.35	12.33	13.31	14.29	15.27	16.25	17.23	18.21	19.19
54	1.75	2.86	3.96	5.06	6.17	7.27	8.37	9.47	10.58	11.68	12.78	13.89	14.99	16.09	17.19	18.30	19.40	20.50	21.61
60	2.04	3.33	4.61	5.89	7.18	8.46	9.74	11.02	12.31	13.59	14.87	16.16	17.44	18.72	20.01	21.29	22.57	23.86	25.14
66	2.24	3.64	5.05	6.45	7.86	9.27	10.67	12.08	13.48	14.89	16.30	17.70	19.11	20.51	21.92	23.32	24.73	26.14	27.54
72	2.39	3.90	5.40	6.90	8.41	9.91	11.42	12.92	14.42	15.93	17.43	18.93	20.44	21.94	23.45	24.95	26.45	27.96	29.46
78	2.72	4.43	6.14	7.85	9.56	11.27	12.98	14.69	16.40	18.11	19.82	21.53	23.24	24.95	26.65	28.36	30.07	31.78	33.49
84	2.91	4.74	6.57	8.40	10.23	12.06	13.90	15.73	17.56	19.39	21.22	23.05	24.88	26.71	28.54	30.37	32.20	34.03	35.86
90	3.12	5.08	7.04	9.00	10.97	12.93	14.89	16.85	18.81	20.77	22.73	24.69	26.66	28.62	30.58	32.54	34.50	36.46	38.42
96	3.40	5.54	7.67	9.81	11.95	14.08	16.22	18.36	20.49	22.63	24.77	26.90	29.04	31.18	33.31	35.45	37.59	39.72	41.86
102	3.59	5.85	8.11	10.36	12.62	14.88	17.13	19.39	21.65	23.91	26.16	28.42	30.68	32.93	35.19	37.45	39.71	41.96	44.22
108	3.80	6.18	8.57	10.96	13.34	15.73	18.12	20.50	22.89	25.28	27.66	30.05	32.44	34.82	37.21	39.60	41.98	44.37	46.76
114	4.08	6.64	9.21	11.77	14.33	16.90	19.46	22.02	24.58	27.15	29.71	32.27	34.84	37.4	39.96	42.53	45.09	47.65	50.22
120	4.27	6.95	9.64	12.32	15.01	17.69	20.37	23.06	25.74	28.42	31.11	33.79	36.48	39.16	41.84	44.53	47.21	49.89	52.58

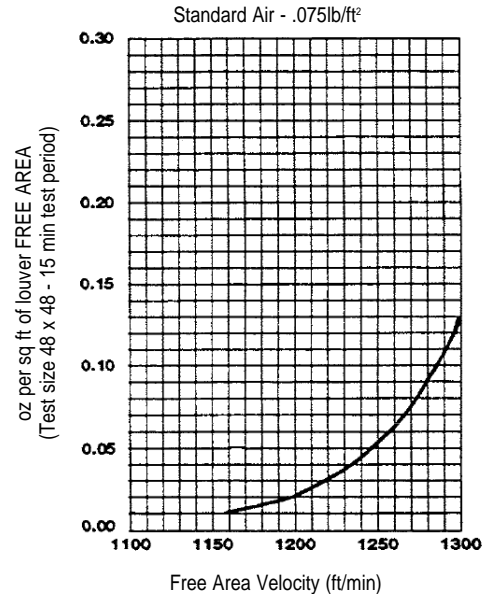
Beginning point of WATER PENETRATION is 1158 fpm
free area velocity at .01 oz. of water penetration

Pressure Drop



FREE AREA VELOCITY (FT/MIN)
Standard air - .075 lbs per cu ft
Ratings do not include the effects of a wire birdscreen
Test based on a 48" x 48" test size, 15 min test duration

Water Penetration



Drainable Blade