

## GFL800 STATIONARY LOUVER EXTRUDED ALUMINUM

### STANDARD CONSTRUCTION

#### FRAME

4" (102) deep, 6063T5 extruded aluminum with .080" (2) nominal wall thickness. Box or integral flange frames are available. Caulking slots provided on box frame.

#### BLADES

6063T5 extruded aluminum with .063" (1.6) nominal wall thickness. J-style blades (formerly "weatherproof") are positioned at 45° angle and spaced approximately 5" (127) center to center.

#### SCREEN

3/4" x .051" (19 x 1.3) expanded, flattened aluminum bird screen in removable frame. Screen adds approximately 1/2" (13) to louver depth.

#### FINISH

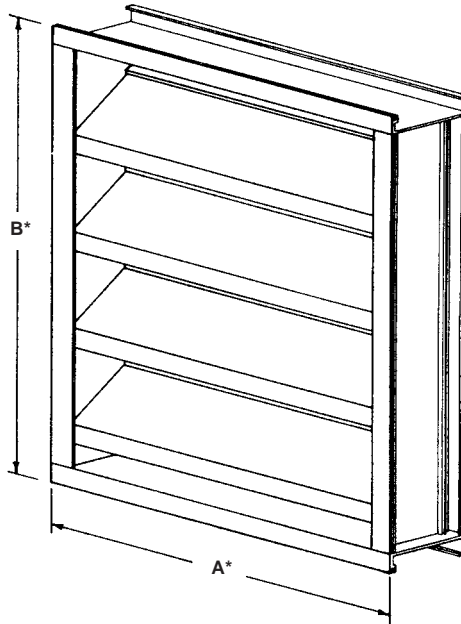
Mill.

#### MINIMUM SIZE

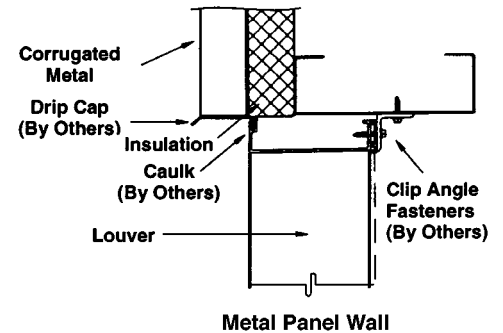
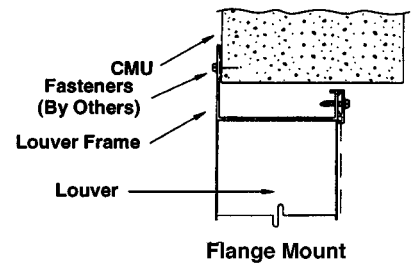
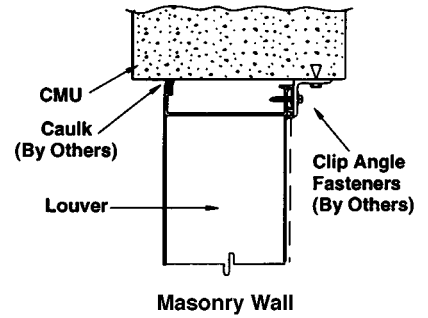
12"w x 12"h (305 x 305).

#### MAXIMUM SIZE

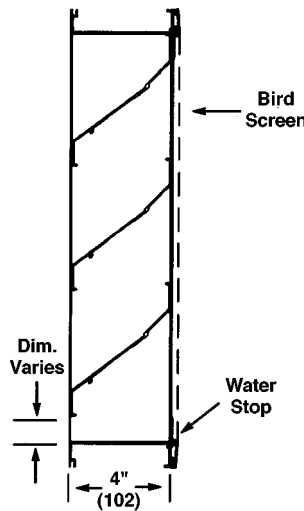
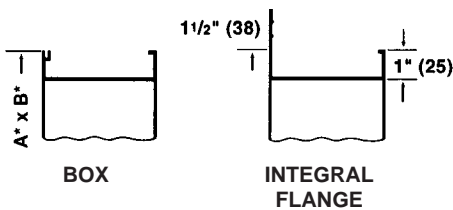
60"w x 60"h (1524 x 1524).



### SUGGESTED INSTALLATION DETAILS



### FRAME CONSTRUCTION (Specify one)



Dimensions in parenthesis ( ) indicate millimeters.

\*Units furnished 1/4" (6) smaller than given opening dimensions.

TAG	QTY.	SIZE		FRAME	VARIATIONS
		A*-WIDE	B*-HIGH		
PROJECT ARCH./ENGR. REPRESENTATIVE				LOCATION CONTRACTOR DATE	

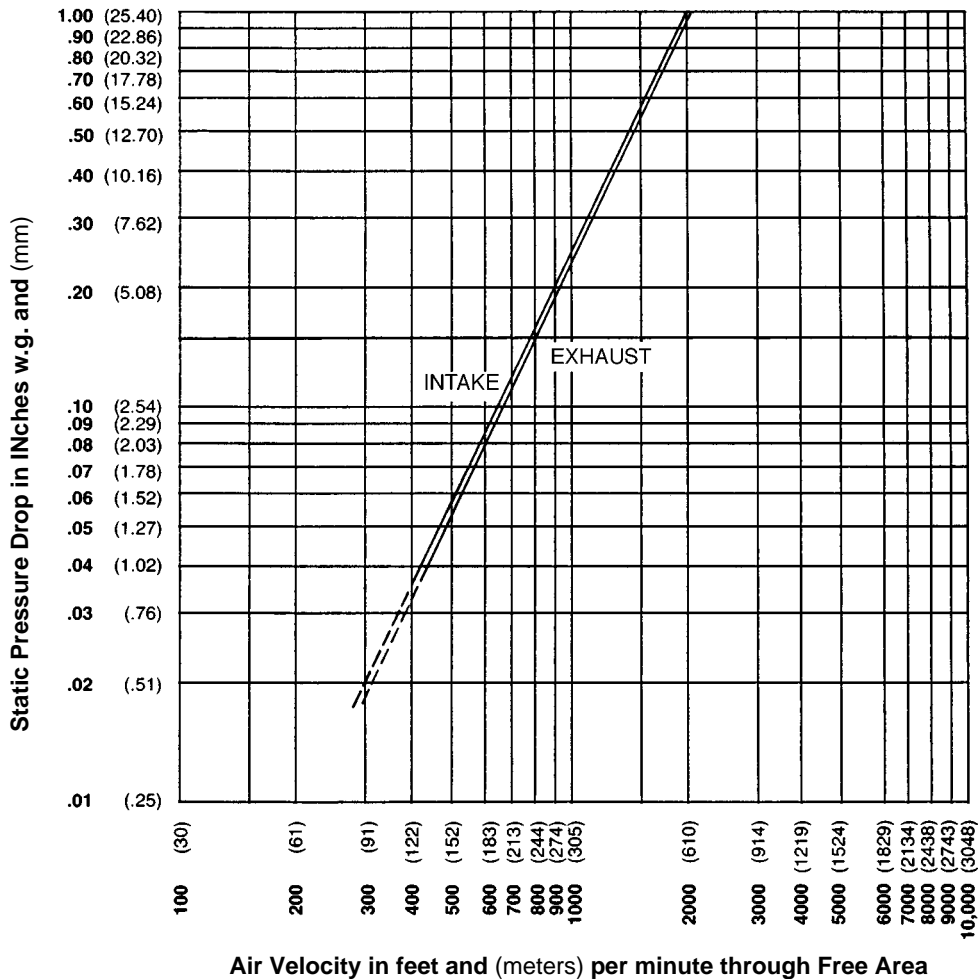
## FREE AREA GUIDE

Free Area Guide shows free area in ft<sup>2</sup> and m<sup>2</sup> for various sizes of GFL800.

Height – Inches and Meters	12	18	24	30	36	42	48	54	60
	0.30	0.46	0.61	0.76	0.91	1.07	1.22	1.37	1.52
12	.17	.27	.37	.47	.57	.67	.77	.87	.98
0.30	.02	.03	.03	.04	.05	.06	.07	.08	.09
18	.42	.67	.93	1.18	1.44	1.69	1.95	2.20	2.46
0.46	.04	.06	.09	.11	.13	.16	.18	.20	.23
24	.67	1.08	1.49	1.90	2.31	2.72	3.13	3.54	3.95
0.61	.06	.10	.14	.18	.21	.25	.29	.33	.37
30	.91	1.47	2.03	2.59	3.15	3.71	4.27	4.83	5.38
0.76	.08	.14	.19	.24	.29	.34	.40	.45	.50
36	1.12	1.80	2.49	3.17	3.85	4.54	5.22	5.90	6.59
0.91	.10	.17	.23	.29	.36	.42	.48	.55	.61
42	1.28	2.06	2.84	3.62	4.40	5.18	5.96	6.74	7.52
1.07	.12	.19	.26	.34	.41	.48	.55	.63	.70
48	1.53	2.46	3.40	4.33	5.27	6.20	7.10	8.07	9.00
1.22	.14	.23	.32	.40	.49	.58	.66	.75	.84
54	1.78	2.87	3.96	5.05	6.14	7.23	8.32	9.41	10.50
1.37	.17	.27	.37	.47	.57	.67	.77	.87	.98
60	2.03	3.26	4.50	5.74	6.98	8.21	9.45	10.69	11.93
1.52	.19	.30	.42	.53	.65	.76	.88	.99	1.11

Width – Inches and Meters

## PRESSURE DROP



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