

ELF211 THIN LINE STATIONARY LOUVER EXTRUDED ALUMINUM

STANDARD CONSTRUCTION

FRAME

2" (51) deep 6063T5 extruded aluminum with .060" (1.5) nominal wall thickness. Caulking surfaces provided.

BLADES

6063T5 extruded aluminum with .060" (1.5) nominal wall thickness. Blades are positioned at 45° angle and spaced approximately 3³/₁₆" (81) 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

6"w x 10"h (152 x 254).

APPROXIMATE SHIPPING WEIGHT

2 lbs. per sq. ft. (9.8 kg/m²).

MAXIMUM SIZE

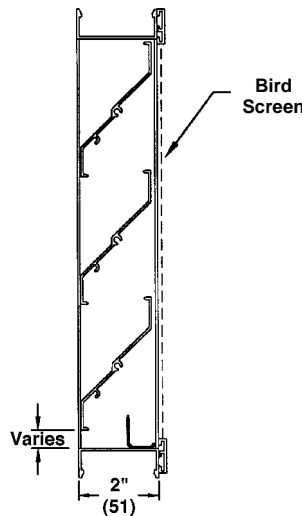
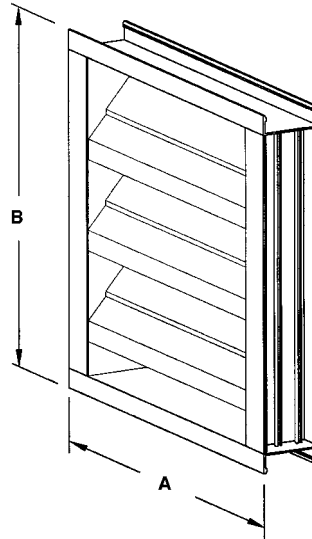
Shall be 75 sq. ft. (7m²) per section, not to exceed 120"w x 90"h (3048 x 2286) or 90"w x 120"h (2286 x 3048).

Louvers larger than the maximum factory assembly size will require field assembly of smaller sections.

SUPPORTS

Louvers may be provided with rear mounted blade supports that increase overall louver depth depending on louver size, assembly configuration or windload.

Consult Ruskin for additional information.



FEATURES

The ELF211 offers:

- 42% Free Area.
- Published performance ratings based on testing in accordance with AMCA Standard 500.
- Aluminum construction for low maintenance and high resistance to corrosion.

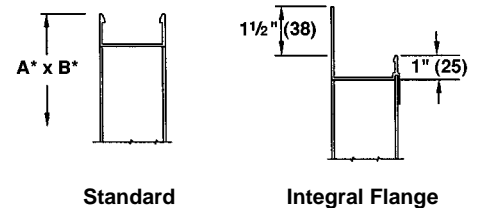
VARIATIONS

Variations to the basic design of the louver are available at additional cost. They include:

- Extended sill.
- Hinged frame.
- Front or rear security bars.
- Filter racks.
- Installation angles.
- A variety of bird and insect screens.
- Selection of finishes: prime coat, baked enamel (modified fluoropolymer), epoxy, Acrodize, Kynar, clear and color anodize. (Some variation in anodize color consistency is possible.)

Consult Ruskin for other special requirements.

FRAME CONSTRUCTION

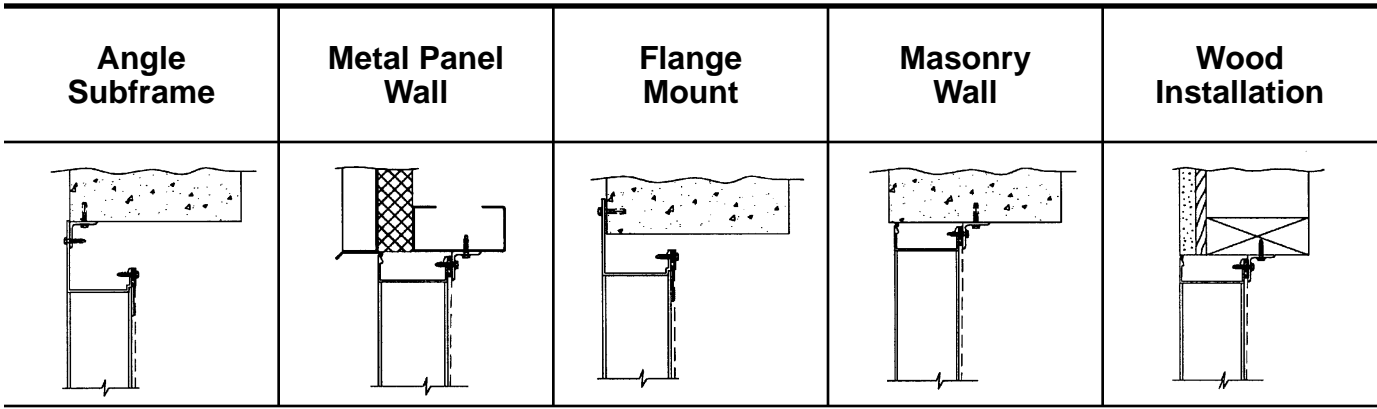


Dimensions in inches, parenthesis () indicate millimeters.

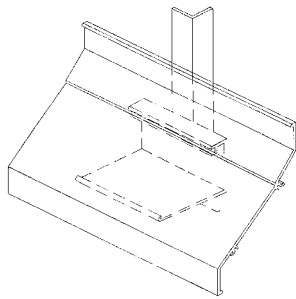
*Units furnished 1/4" (6) smaller than given opening dimensions.

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

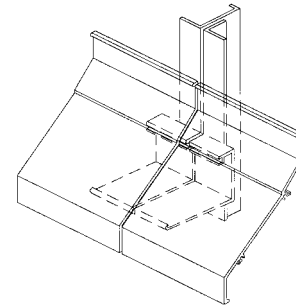
TYPICAL INSTALLATION DETAILS



STANDARD CONSTRUCTION DETAILS

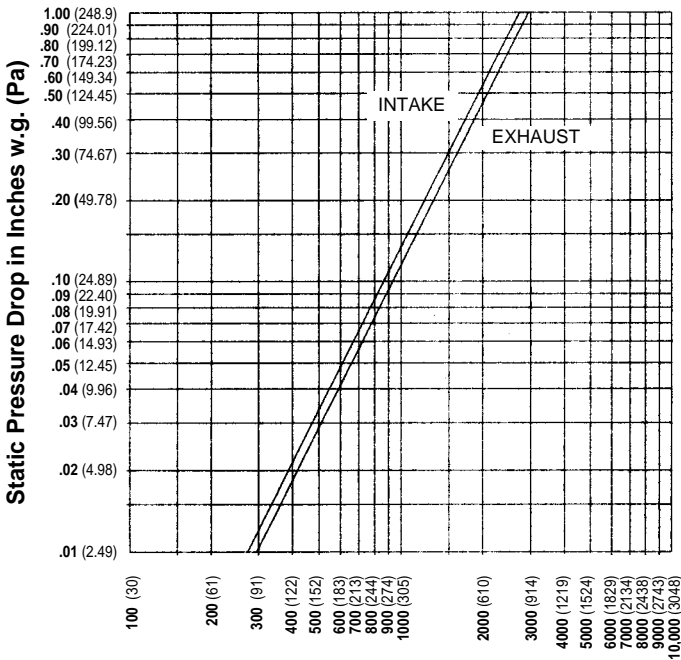


Hidden Vertical Blade Support (HVBS)



Continuous Blade Appearance at Multiple Section Junctions

PRESSURE DROP



Free Area Velocity in feet (meters) per minute through free area.

FREE AREA GUIDE

Free Area Guide shows free area in ft² and m² for various sizes of ELF211
Width – 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	0.26	0.41	0.56	0.71	0.86	1.01	1.16	1.31	1.46
0.30	0.02	0.04	0.05	0.07	0.08	0.09	0.11	0.12	0.14
18	0.45	0.71	0.96	1.22	1.48	1.73	1.99	2.25	2.50
0.46	0.04	0.07	0.09	0.11	0.14	0.16	0.19	0.21	0.23
24	0.76	1.20	1.63	2.07	2.50	2.94	3.37	3.81	4.24
0.61	0.07	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39
30	0.95	1.49	2.03	2.57	3.12	3.66	4.20	4.74	5.29
0.76	0.09	0.14	0.19	0.24	0.29	0.34	0.39	0.44	0.49
36	1.14	1.78	2.43	3.08	3.73	4.38	5.03	5.68	6.33
0.91	0.11	0.17	0.23	0.29	0.35	0.41	0.47	0.53	0.59
42	1.32	2.08	2.83	3.59	4.35	5.10	5.86	6.61	7.37
1.07	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.29
48	1.51	2.37	3.23	4.10	4.96	5.82	6.69	7.55	8.41
1.22	0.14	0.22	0.30	0.38	0.46	0.54	0.62	0.70	0.78
54	1.70	2.67	3.64	4.60	5.57	6.54	7.51	8.48	9.45
1.37	0.16	0.25	0.34	0.43	0.52	0.61	0.70	0.79	0.88
60	1.88	2.96	4.04	5.11	6.19	7.26	8.34	9.42	10.49
1.52	0.18	0.28	0.38	0.48	0.58	0.68	0.78	0.88	0.98
66	2.20	3.45	4.71	5.96	7.21	8.47	9.72	10.98	12.23
1.68	0.20	0.32	0.44	0.55	0.67	0.79	0.90	1.02	1.14
72	2.38	3.74	5.11	6.47	7.83	9.19	10.55	11.91	13.27
1.83	0.22	0.35	0.47	0.60	0.73	0.85	0.98	1.11	1.23



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