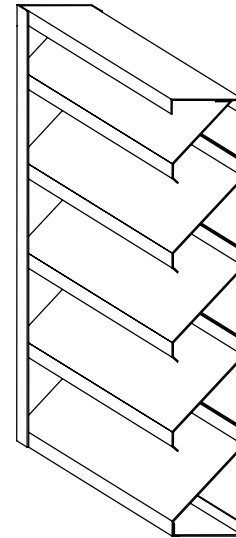


## Weather Protective Blade Louver in 4" thick frame design Model WFC

**Features** – Traditional design with blades fixed at a 45° angle, and wide blade ends for improved weather design.

### STANDARD CONSTRUCTION

- FRAME**  
WFC-04" (102) thick, is 20 gauge (1.0) galvanized steel in style #2
- BLADES**  
WFC- 04", (102) are 20 gauge (1.0) galv. steel, approx. spacing is 5" (127) @ 45°
- MAXIMUM SIZE**  
Unlimited, with mullions, structural bracing supplied by others
- MAXIMUM SINGLE SECTION**  
120"w x 84"h or 84"w x 120"h  
(allows for best handling)
- MULLIONS**  
Visible
- MINIMUM SIZE**  
12" W x 12" H (305 x 305)
- UNDERSIZED**  
3/8" (10) under ordered size unless specified Exact or Actual
- SCREEN**  
1/2" (13) wire mesh 19 gauge (1.1) galvanized bird screen no frame
- FINISH**  
Mill



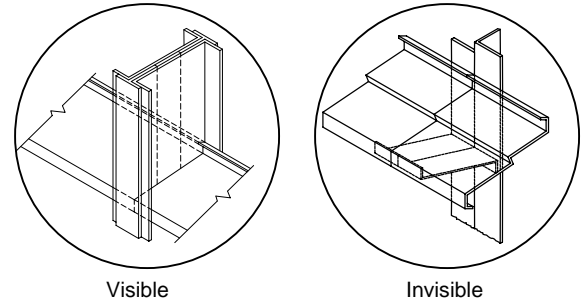
### OPTIONAL CONSTRUCTION

- FRAME** – Available in a heavier construction up to 10 gauge (3.5)
- BLADES** - Available in a heavier construction up to 12 gauge (2.7)
- SPECIFIED MATERIAL** – Aluminum, Stainless or as requested
- SCREENS** - Many styles available please consult screen listing
- MULLIONS** – Invisible for enhanced architectural appearance.
- FINISH** – Air-dry primer, polyurethane, epoxy, or enamel. Baked epoxy or enamel. Kynar ( Kynar limitations on steel.)

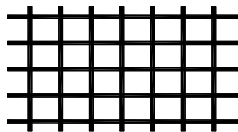
### SPECIAL PURPOSE CONSTRUCTION

- Special shapes; Round, Triangle, Trapezoid, Octagon, etc.
- Fully welded assembly
- Security bars
- Filter racks
- Hinged as walk through door or for swing out access
- Sleeved for ductwork connection

### MULLION STYLES

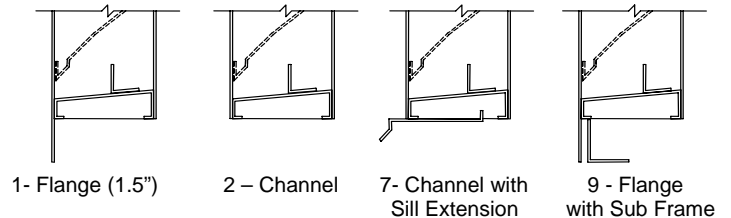


### TYPICAL SCREEN STYLE



Wire Mesh  
Standard

### FRAME STYLES



DATE	ARCHITECT			ENGINEER
PROJECT				
ITEM	QTY	W	H	DESCRIPTION



DEPENDABLE PRODUCTS SINCE 1955

**SAFE-AIR OF ILLINOIS INC.**

*Engineering and General Offices*

1855 South 54<sup>th</sup> Avenue, Cicero, Illinois 60804

Phone 708-652-9100 FAX 708-652-9158

All calculations made in accordance with AMCA standards for Free-Area.

## FREE AREA CALCULATIONS IN SQ. FT.

### WIDTH

HEIGHT	WIDTH															
	INCHES	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
12	.16	.26	.36	.45	.55	.64	.74	.84	.93	1.01	1.10	1.20	1.30	1.39	1.49	
18	.38	.60	.83	1.05	1.27	1.50	1.72	1.95	2.17	2.34	2.56	2.79	3.01	3.23	3.46	
24	.61	.97	1.34	1.70	2.06	2.42	2.78	3.15	3.51	3.78	4.14	4.50	4.80	5.23	5.59	
30	.75	1.19	1.63	2.08	2.52	2.96	3.40	3.85	4.29	4.62	5.06	5.51	5.95	6.39	6.84	
36	.98	1.55	2.13	2.71	3.29	3.87	4.44	5.02	5.60	6.03	6.61	7.20	7.77	8.35	8.93	
42	1.14	1.81	2.49	3.16	3.84	4.51	5.19	5.86	6.53	7.04	7.71	8.06	8.39	9.74	10.31	
48	1.35	2.16	2.96	3.76	4.56	5.36	6.17	6.97	7.77	8.37	9.17	9.98	10.78	11.58	12.38	
54	1.59	2.53	3.47	4.41	5.35	6.29	7.23	8.17	9.11	9.81	10.75	11.69	12.63	13.57	14.51	
60	1.79	2.85	3.91	4.97	6.03	7.09	8.15	9.21	10.27	11.06	12.12	13.18	14.24	15.30	16.36	
66	1.95	3.11	4.26	5.42	6.58	7.73	8.89	10.05	11.20	12.07	13.23	14.38	15.54	16.69	17.85	
72	2.11	3.37	4.62	5.87	7.12	8.38	9.63	10.88	12.14	13.07	14.33	15.58	16.83	18.08	19.34	
78	2.33	3.71	5.09	6.47	7.85	9.23	10.61	11.99	13.37	14.41	15.79	17.17	18.55	19.93	21.31	
84	2.56	4.08	5.60	7.12	8.64	10.15	11.67	13.19	14.71	15.85	17.37	18.88	20.40	21.92	23.44	
90	2.76	4.40	6.04	7.68	9.32	10.95	12.59	14.23	15.87	17.10	18.74	20.37	22.01	23.69	25.29	
96	2.93	4.66	6.40	8.13	9.86	11.60	13.33	15.07	16.80	18.10	19.84	21.57	23.31	25.04	26.77	