

Extruded Aluminum 4" Deep Louver Stationary J Style Blade

Model: FLDC Channel Frame, FKDC Flanged Frame

Model FLDC

▼ Standard Specifications

Frame: .081 extruded aluminum, 4-1/8" deep

Blades: .081 extruded aluminum positioned on a 40° angle on approximately 4.625" centers

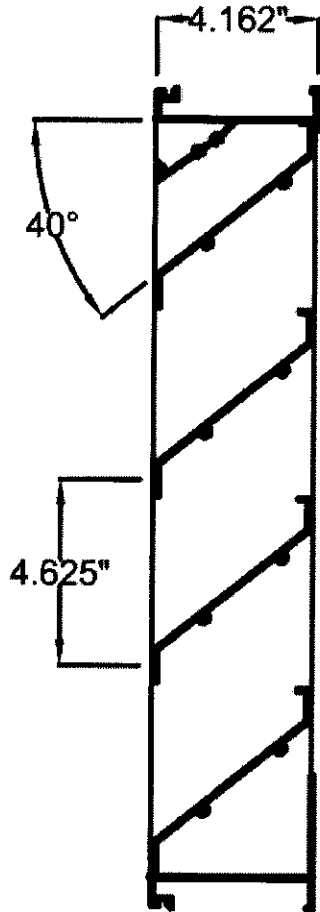
Finish: mill aluminum (standard)

Screen: 3/4" x .051" flattened aluminum in removable frame.

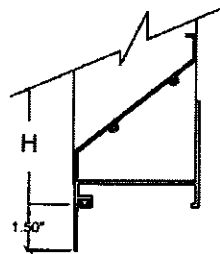
Screen is mounted as standard on inside (rear) as looking from exterior of building.

Maximum Panel Size: 120"w x 84"h or 84"w x 120"h

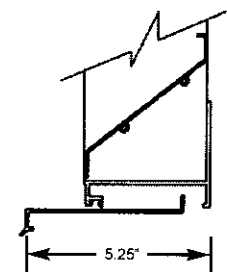
Minimum Panel Size: 12"w x 12"h



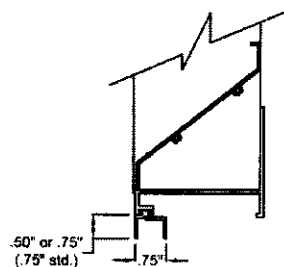
Section View



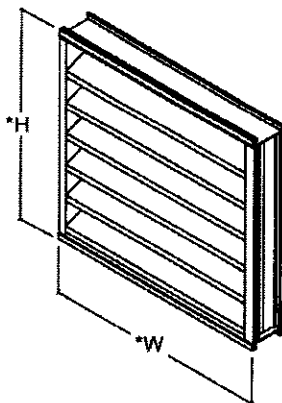
Flanged Frame
Optional



Extended Sill
Optional



Glazing Adapter
Optional



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



The Carnes Company certifies that the model FLDC/FKDC 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.

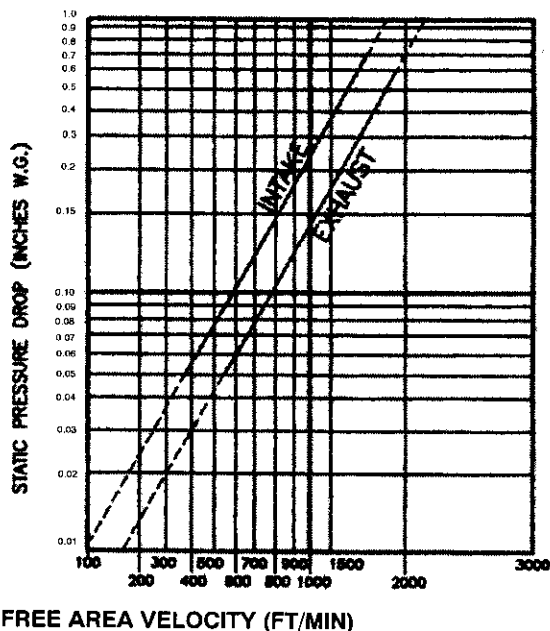
Model FLDC and FKDC

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	0.31	0.43	0.54	0.66	0.78	0.89	1.01	1.13	1.24	1.36	1.48	1.59	1.71	1.83	1.94	2.06	2.18	2.29
18	0.50	0.80	1.10	1.41	1.71	2.01	2.31	2.62	2.92	3.22	3.53	3.83	4.13	4.43	4.74	5.04	5.34	5.65	5.95
24	0.77	1.23	1.70	2.16	2.63	3.09	3.56	4.02	4.49	4.96	5.42	5.89	6.35	6.82	7.28	7.75	8.21	8.68	9.14
30	0.96	1.54	2.13	2.71	3.30	3.88	4.46	5.05	5.63	6.22	6.80	7.38	7.97	8.55	9.13	9.72	10.30	10.89	11.47
36	1.15	1.85	2.55	3.25	3.96	4.66	5.36	6.06	6.76	7.46	8.16	8.86	9.56	10.26	10.96	11.66	12.36	13.06	13.76
42	1.43	2.29	3.16	4.02	4.89	5.76	6.62	7.49	8.36	9.22	10.09	10.95	11.82	12.69	13.55	14.42	15.29	16.15	17.02
48	1.61	2.59	3.57	4.55	5.53	6.51	7.49	8.47	9.45	10.43	11.41	12.39	13.37	14.35	15.33	16.31	17.29	18.27	19.25
54	1.92	3.09	4.26	5.42	6.59	7.76	8.93	10.10	11.26	12.43	13.60	14.77	15.93	17.10	18.27	19.44	20.61	21.77	22.94
60	2.11	3.40	4.68	5.97	7.25	8.54	9.82	11.11	12.39	13.67	14.96	16.24	17.53	18.81	20.10	21.38	22.67	23.95	25.23
66	2.35	3.78	5.21	6.64	8.07	9.50	10.93	12.36	13.79	15.22	16.65	18.08	19.51	20.94	22.37	23.80	25.23	26.66	28.09
72	2.81	4.52	6.23	7.94	9.65	11.36	13.07	14.78	16.49	18.20	19.90	21.61	23.32	25.03	26.74	28.45	30.16	31.87	33.58
78	2.88	4.63	6.39	8.14	9.89	11.64	13.39	15.14	16.90	18.65	20.40	22.15	23.90	25.65	27.40	29.16	30.91	32.66	34.41
84	3.07	4.94	6.81	8.68	10.55	12.42	14.28	16.15	18.02	19.89	21.76	23.63	25.49	27.36	29.23	31.10	32.97	34.84	36.70
90	3.28	5.27	7.27	9.26	11.25	13.25	15.24	17.23	19.23	21.22	23.21	25.21	27.20	29.19	31.18	33.18	35.17	37.16	39.16
96	3.55	5.70	7.86	10.02	12.17	14.33	16.48	18.64	20.80	22.95	25.11	27.26	29.42	31.57	33.73	35.89	38.04	40.20	42.35
102	3.82	6.13	8.45	10.77	13.09	15.41	17.73	20.05	22.36	24.68	27.00	29.32	31.64	33.96	36.28	38.59	40.91	43.23	45.55
108	3.96	6.37	8.78	11.19	13.60	16.01	18.42	20.82	23.23	25.64	28.05	30.46	32.87	35.28	37.68	40.09	42.50	44.91	47.32
114	4.24	6.81	9.38	11.96	14.53	17.10	19.68	22.25	24.82	27.40	29.97	32.54	35.12	37.69	40.26	42.84	45.41	47.98	50.56
120	4.28	6.89	9.49	12.09	14.69	17.30	19.90	22.50	25.10	27.71	30.31	32.91	35.51	38.12	40.72	43.32	45.92	48.53	51.13

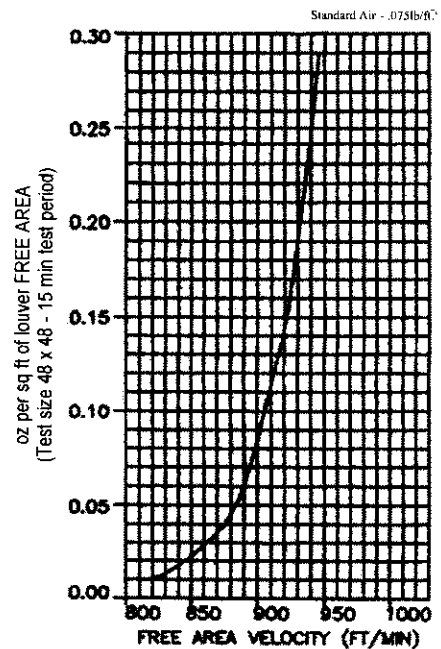
Beginning point of WATER PENETRATION is 812 fpm
free area velocity at .01 oz. of water penetration

Pressure Drop

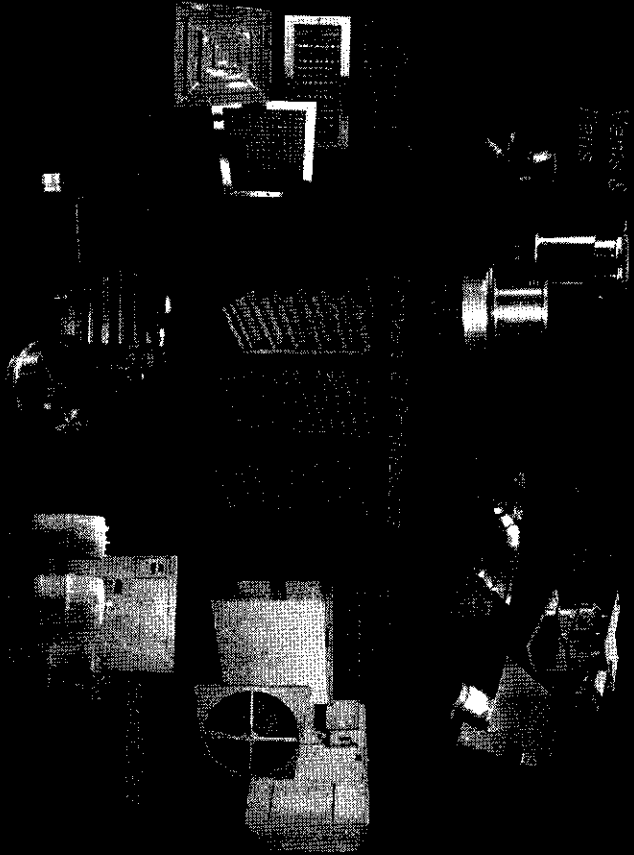


FREE AREA VELOCITY (FT/MIN)
Standard air - .075 lbs per cu ft
Ratings do not include the effect of a wire birdscreen
Test based on a 48" x 48" test size, 15 min test duration

Water Penetration

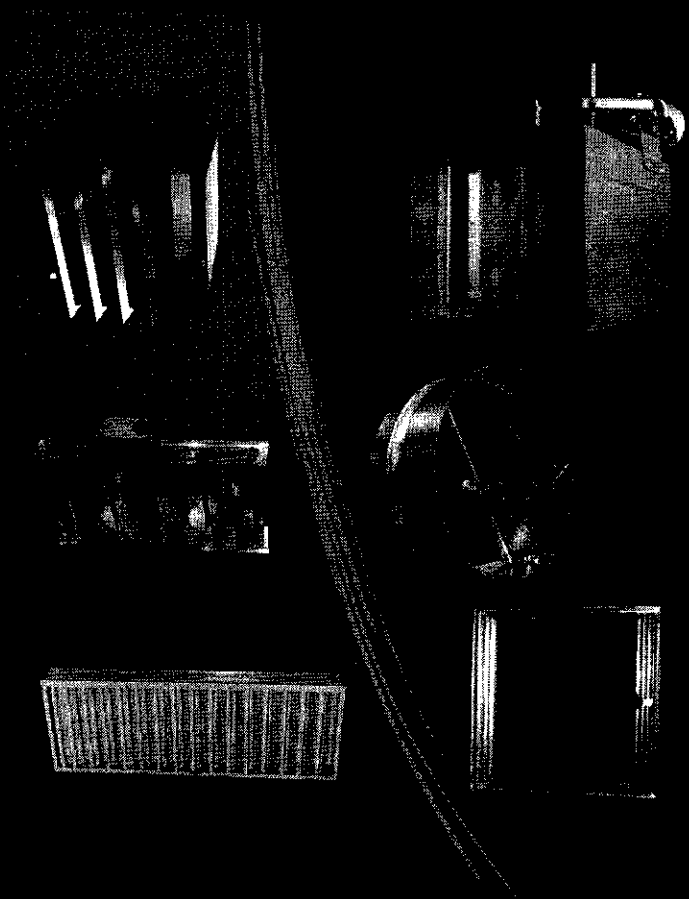


Quality Built Products Since 1939



CARNES

CARNES®
Your Single Source For All Your HVAC Needs



142 South Main Street
P.O. Box 530049
Woodbridge, VA 22193-0049
Ph: 608-845-8411
Fax: 609-845-8470
Email: carnes@carnes.com



WWW.CARNES.COM

WWW.CARNES.COM

1st Edition
Product Code #900-0117

September 2009