

SUGGESTED SPECIFICATION

Furnish and install louver as hereinafter specified where shown on plans or as described in schedules. Louvers shall be stationary drainable type with drain gutters in each blade and downspouts in jambs and mullions. Stationary blades shall be contained within a 4.13" deep frame. Louver components (heads, jambs, sills, blades, and mullions) shall be factory assembled by the louver manufacturer. Louver sizes too large for shipping shall be built up by the contractor from factory assembled louver sections to provide overall sizes required. Louver design shall incorporate structural supports required to withstand a wind load of 30 lbs. per sq. ft. (equivalent of 110 mph wind).

PERFORMANCE DATA

AMCA Standard 500-L provides a reasonable basis for testing and rating louvers. Testing to AMCA 500-L is performed under a certain set of laboratory conditions. This does not guarantee that other conditions will not occur in the actual environment where louvers must operate.

The louver system should be designed with a reasonable safety factor for louver performance. To ensure protection from water carryover, design with a performance level somewhat below maximum desired pressure drop and .01 oz./sq.ft. of water penetration.

MODEL SFL-D-4 FREE AREA CHART (SQUARE FEET)

Louver Height Inches	Louver Width In Inches																Louver Height Inches
	8	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	
12	0.31	0.47	0.70	0.93	1.17	1.40	1.63	1.87	2.10	2.33	2.57	2.80	3.03	3.27	3.51	3.72	12
18	0.47	0.70	1.05	1.40	1.75	2.10	2.45	2.80	3.15	3.50	3.85	4.20	4.52	4.91	5.23	5.61	18
24	0.62	0.93	1.40	1.87	2.33	2.80	3.27	3.73	4.20	4.67	5.13	5.60	6.05	6.51	7.02	7.48	24
30	0.78	1.17	1.75	2.33	2.92	3.50	4.08	4.67	5.25	5.84	6.42	7.00	7.55	8.14	8.76	9.36	30
36	0.93	1.40	2.10	2.80	3.50	4.20	4.90	5.60	6.30	7.00	7.70	8.40	9.06	9.76	10.52	11.24	36
42	1.09	1.63	2.45	3.27	4.08	4.90	5.72	6.54	7.35	8.17	8.99	9.80	10.57	11.38	12.27	13.12	42
48	1.24	1.87	2.80	3.73	4.67	5.60	6.54	7.47	8.40	9.34	10.27	11.20	12.08	13.00	14.03	15.00	48
54	1.40	2.10	3.15	4.20	5.25	6.30	7.35	8.40	9.45	10.50	11.55	12.60	13.59	14.62	15.78	16.88	54
60	1.56	2.33	3.50	4.67	5.84	7.00	8.17	9.34	10.50	11.67	12.84	14.00	15.10	16.24	17.54	18.76	60
66	1.71	2.57	3.85	5.13	6.42	7.70	8.99	10.27	11.55	12.84	14.12	15.40	16.61	17.86	19.29	20.64	66
72	1.87	2.80	4.20	5.60	7.00	8.40	9.80	11.20	12.60	14.00	15.40	16.80	18.12	19.48	21.05	22.52	72

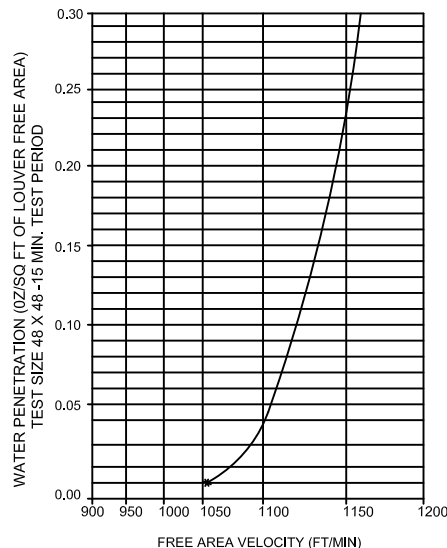
Beginning point of WATER PENETRATION
is

1056 fpm

free area velocity at .01 oz. of water penetration

WATER PENETRATION

Standard Air-.075 lb/ft³



Air Flow Resistance

