

Performances (For a louver of 1219 x 1219 mm)

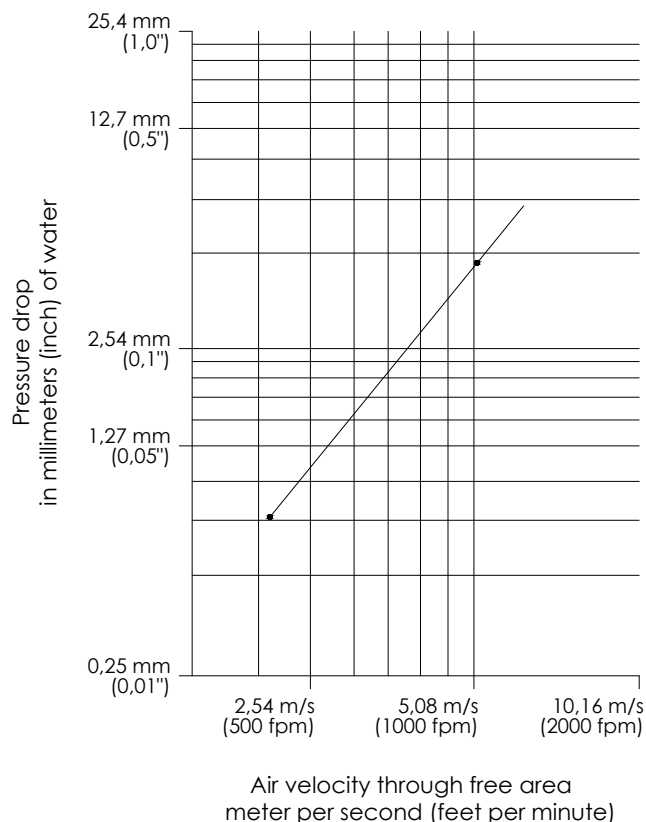
Percentage of free area	49,27 %
Free area	7,88 sq.ft. (0,732 m²)
Water penetration @ 0,010 oz/sq.ft.(3,05 gr/m²) =	695 fpm (3,53 m/s)
Free area intake velocity @ Pressure drop 0,15 in. H ₂ O (3,81 mm H ₂ O) =	900 fpm (4,57 m/s)

Standard specifications

Material	Aluminum 6063-T5
Depth	101,6 mm (4")
Blade thickness	1,85 mm (0,073")
"L" frame thickness	2,06 mm (0,081")
"U" frame thickness	1,83 mm (0,072")
Blades angle	45°
Center to center	127,00 mm (5")
Birdscreen	Galvanized steel
Finish	Mill finish
Assembly	Mechanical
Hardware	Galvanized steel
Approximate weight	2,53 lbs/sq.ft.



Pressure drop



Free areas table (sq.ft. & m²)

Louver width

po	12	18	24	30	36	42	48	54	60	66	72
m	0.30	0.46	0.61	0.76	0.91	1.07	1.22	1.37	1.52	1.68	1.83
12	0.29	0.43	0.58	0.72	0.87	1.01	1.16	1.30	1.45	1.59	1.73
0.30	0.027	0.040	0.054	0.067	0.081	0.094	0.107	0.121	0.134	0.148	0.161
18	0.60	0.90	1.20	1.50	1.80	2.10	2.40	2.70	3.00	3.30	3.60
0.46	0.056	0.084	0.112	0.140	0.167	0.195	0.223	0.251	0.279	0.307	0.335
24	0.91	1.37	1.82	2.28	2.74	3.19	3.65	4.11	4.56	5.02	5.47
0.61	0.085	0.127	0.170	0.212	0.254	0.297	0.339	0.381	0.424	0.466	0.509
30	1.14	1.71	2.28	2.85	3.43	4.00	4.57	5.14	5.71	6.28	6.85
0.76	0.106	0.159	0.212	0.265	0.318	0.371	0.424	0.477	0.530	0.583	0.636
36	1.37	2.06	2.74	3.43	4.11	4.80	5.48	6.17	6.85	7.54	8.22
0.91	0.127	0.191	0.255	0.318	0.382	0.445	0.509	0.573	0.636	0.700	0.764
42	1.66	2.49	3.32	4.15	4.98	5.81	6.64	7.47	8.30	9.12	9.95
1.07	0.154	0.231	0.308	0.385	0.462	0.539	0.617	0.694	0.771	0.848	0.925
48	1.97	2.96	3.94	4.93	5.91	6.90	7.88	8.87	9.85	10.84	11.82
1.22	0.183	0.275	0.366	0.458	0.549	0.641	0.732	0.824	0.915	1.007	1.099
54	2.28	3.42	4.56	5.71	6.85	7.99	9.13	10.27	11.41	12.55	13.69
1.37	0.212	0.318	0.424	0.530	0.636	0.742	0.848	0.954	1.060	1.166	1.272
60	2.51	3.77	5.02	6.28	7.54	8.79	10.05	11.30	12.56	13.81	15.07
1.52	0.233	0.350	0.467	0.583	0.700	0.817	0.933	1.050	1.167	1.283	1.400
66	2.74	4.11	5.48	6.85	8.22	9.59	10.96	12.33	13.70	15.07	16.44
1.68	0.255	0.382	0.509	0.636	0.764	0.891	1.018	1.146	1.273	1.400	1.527
72	3.03	4.54	6.06	7.57	9.09	10.60	12.12	13.63	15.15	16.66	18.17
1.83	0.281	0.422	0.563	0.704	0.844	0.985	1.126	1.266	1.407	1.548	1.688
78	3.34	5.01	6.68	8.35	10.02	11.69	13.36	15.03	16.70	18.37	20.04
1.98	0.310	0.466	0.621	0.776	0.931	1.086	1.241	1.397	1.552	1.707	1.862
84	3.65	5.48	7.30	9.13	10.96	12.78	14.61	16.44	18.26	20.09	21.91
2.13	0.339	0.509	0.679	0.848	1.018	1.188	1.357	1.527	1.697	1.866	2.036

Specifications

Material	Aluminum 6063-T5
Blades	Thickness 1,85 mm (0,073")
L frame	Thickness 2,06 mm (0,081")
U frame	Thickness 1,83 mm (0,072")

Available frames

- ☐ "L" frame
- ☐ "U" frame
- ☐ Concealed mullion (continuous blades)
- ☐ Exposed mullion (nested frames)

Available finish

- ☐ Mill
- ☐ Anodized clear 10 microns
- ☐ Anodized clear 18 microns
- ☐ Anodized light bronze
- ☐ Anodized architectural bronze
- ☐ Anodized champagne
- ☐ Anodized black
- ☐ Acrylic polyurethane coating *
- ☐ Liquid super durable coating *
- ☐ Duranar baked enamel *
- ☐ Duranar XL baked enamel *
- ☐ Powder coating *

Color : _____

* Painted on surfaces visible from the outside only

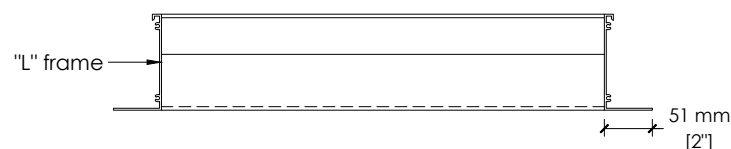
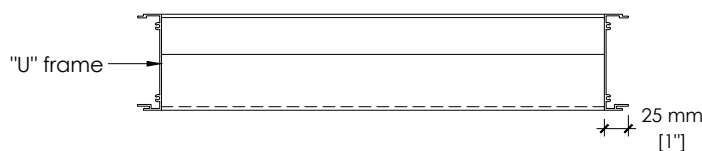
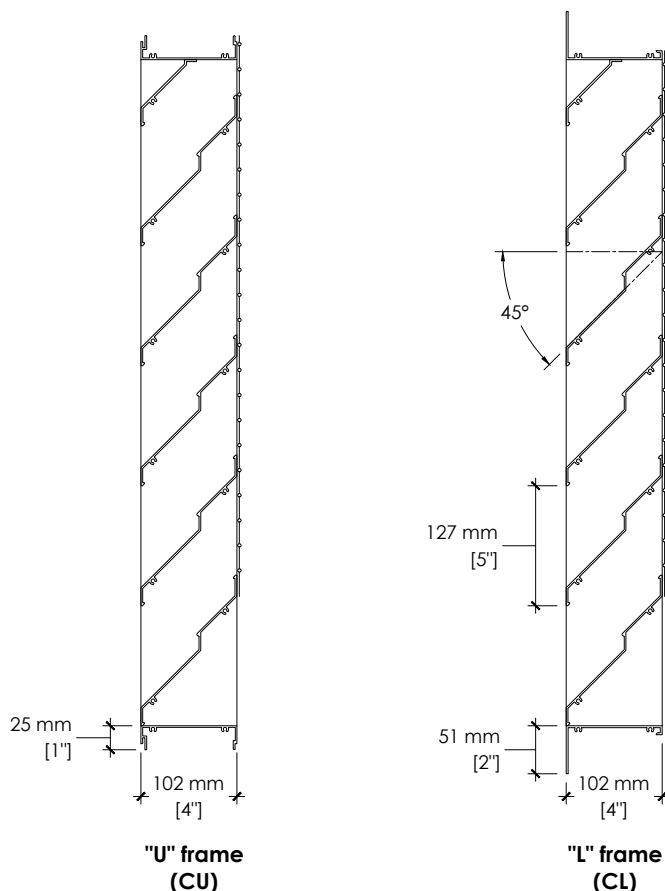
Birdscreens and accessories

- ☐ Galvanized steel (standard)
- ☐ Expanded aluminum
- ☐ Woven aluminum
- ☐ Stainless steel
- ☐ Aluminum mosquito net
- ☐ Fiberglass mosquito net
- ☐ Permanent filter
- ☐ Birdscreen frame
- ☐ Non-insulated obturating panel 0,8 mm [0,032"]
- ☐ Insulated obturating panel 50 mm [2"]

Finish : _____

Color : _____

☐ Others : _____



Project

Name : _____

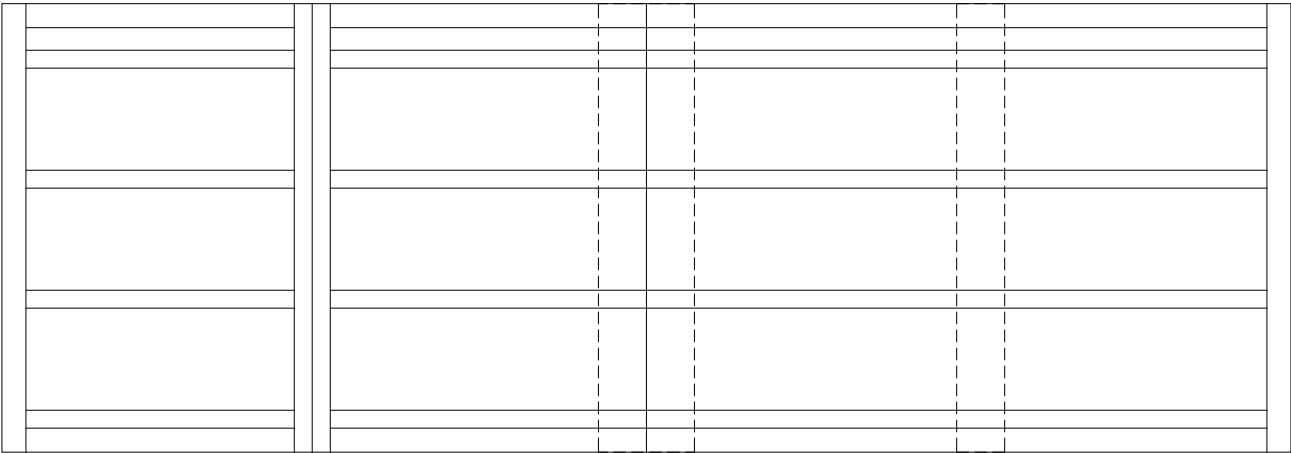
Arch./Eng.: _____

Contractor : _____

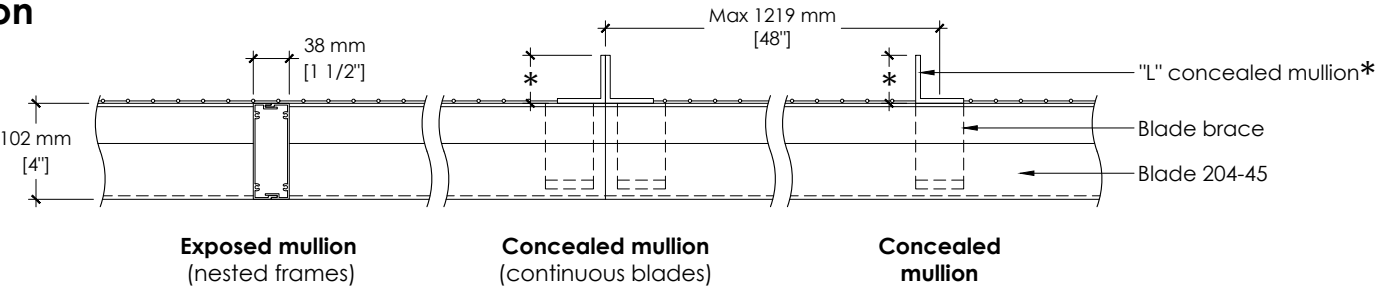
OF / # PO : _____

Date : _____

Elevation (outside view)



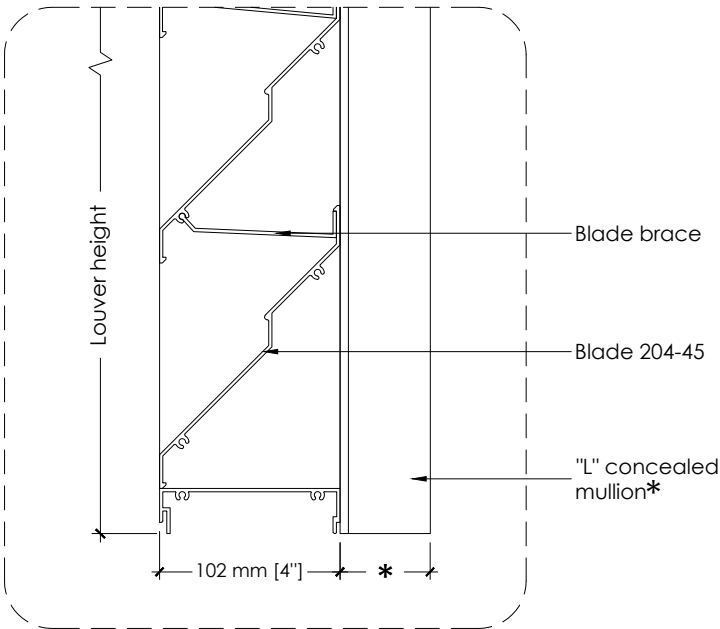
Section



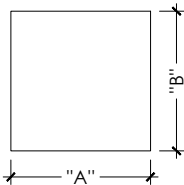
louver concealed mullion

For louvers more than 1220 mm (48") wide, a supporting structure is needed behind the louver

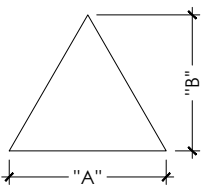
Table with 3 columns: Louver height, Louver concealed mullion dimension, and specific angle dimensions for different height ranges.



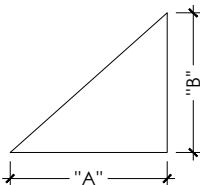
Shapes



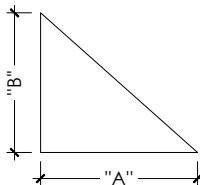
☐ Rectangle / square



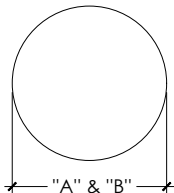
☐ Triangle



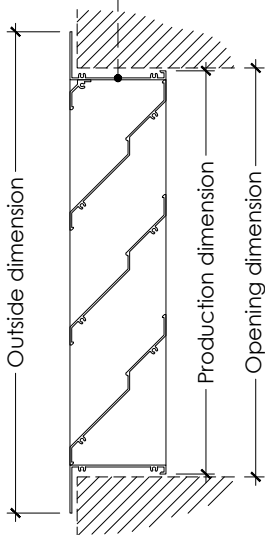
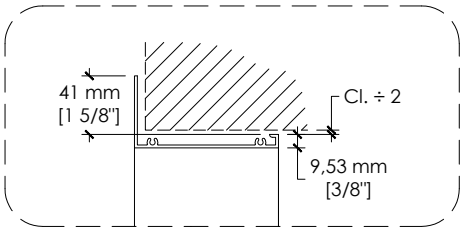
☐ Left triangle



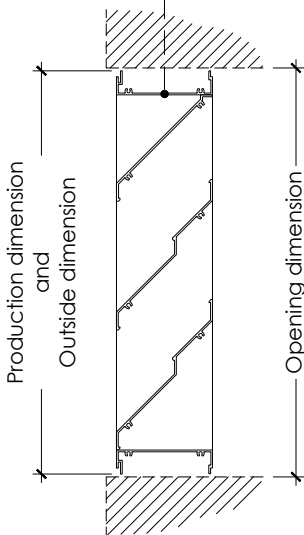
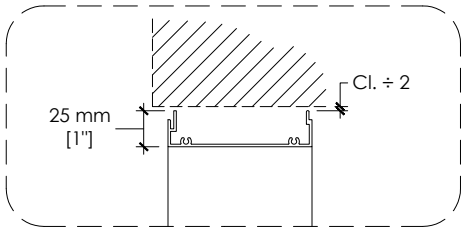
☐ Right triangle



☐ Round



"L" frame (CL)



"U" frame (CU)

☐ Outside dimensions

☐ Opening dimensions

☐ Production dimensions

Item	Qty	Dimensions		Number of sections		Clearance (6 mm (1/4") minimum recommended)	Notes
		Width "A"	Height "B"	wide	High		