

Performances (For a louver of 1219 x 1219 mm)

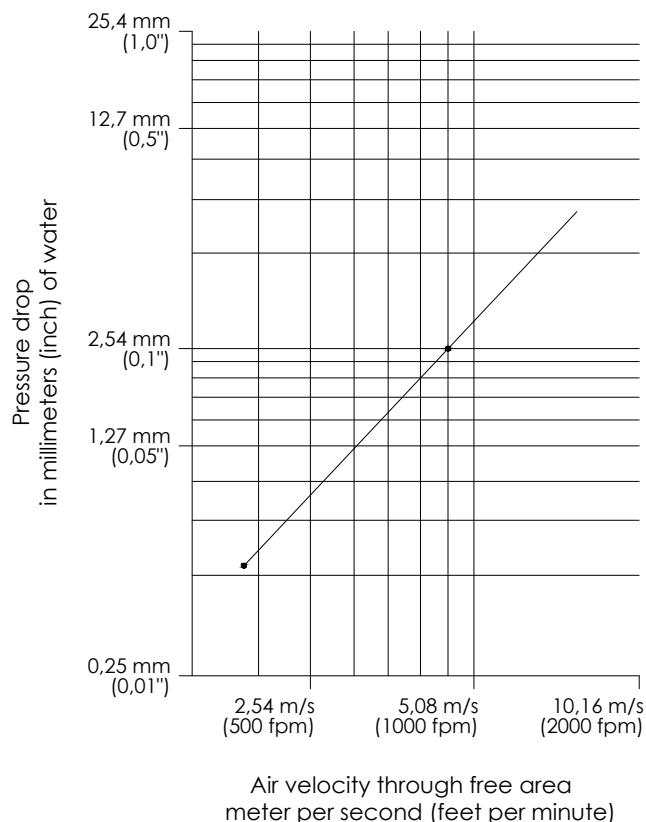
Percentage of free area	47,06 %
Free area	7,53 sq.ft. (0,70 m²)
Water penetration @ 0,010 oz/sq.ft.(3,05 gr/m²) =	732 fpm (3,72 m/s)
Free area intake velocity @ Pressure drop 0,15 in. H ₂ O (3,81 mm H ₂ O) =	1025 fpm (5,21 m/s)

Standard specifications

Material	Aluminum 6063-T5
Depth	152,4 mm (6")
Blade thickness	2,06 mm (0,081")
"L" frame thickness	2,50 mm (0,098")
"U" frame thickness	2,50 mm (0,098")
Blades angle	45°
Center to center	146,40 mm (5,75")
Birdscreen	Galvanized steel
Finish	Mill finish
Assembly	Mechanical
Hardware	Galvanized steel
Approximate weight	3,4 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	0.25	0.39	0.52	0.65	0.79	0.92	1.05	1.16	1.29	1.42	1.56
0.30	0.023	0.036	0.048	0.061	0.073	0.086	0.098	0.107	0.120	0.132	0.145
18	0.50	0.77	1.04	1.31	1.57	1.84	2.11	2.31	2.58	2.85	3.11
0.46	0.047	0.072	0.096	0.121	0.146	0.171	0.196	0.215	0.240	0.264	0.289
24	0.75	1.16	1.56	1.96	2.36	2.76	3.16	3.47	3.87	4.27	4.67
0.61	0.070	0.107	0.145	0.182	0.219	0.257	0.294	0.322	0.359	0.397	0.434
30	1.00	1.54	2.08	2.61	3.15	3.68	4.22	4.62	5.16	5.69	6.23
0.76	0.093	0.143	0.193	0.243	0.292	0.342	0.392	0.429	0.479	0.529	0.579
36	1.26	1.93	2.59	3.26	3.93	4.60	5.27	5.78	6.45	7.11	7.78
0.91	0.117	0.179	0.241	0.303	0.365	0.428	0.490	0.537	0.599	0.661	0.723
42	1.51	2.32	3.13	3.93	4.74	5.55	6.35	6.96	7.76	8.57	9.38
1.07	0.141	0.215	0.290	0.365	0.440	0.515	0.590	0.646	0.721	0.796	0.871
48	1.79	2.75	3.71	4.66	5.62	6.57	7.53	8.25	9.20	10.16	11.12
1.22	0.167	0.255	0.344	0.433	0.522	0.611	0.700	0.766	0.855	0.944	1.033
54	2.05	3.15	4.24	5.34	6.44	7.53	8.63	9.45	10.54	11.64	12.73
1.37	0.191	0.293	0.394	0.496	0.598	0.700	0.801	0.878	0.979	1.081	1.183
60	2.32	3.56	4.80	6.04	7.28	8.52	9.76	10.69	11.93	13.17	14.41
1.52	0.216	0.331	0.446	0.561	0.677	0.792	0.907	0.993	1.109	1.224	1.339
66	2.60	3.98	5.36	6.75	8.13	9.52	10.90	11.94	13.32	14.71	16.09
1.68	0.241	0.370	0.498	0.627	0.755	0.884	1.013	1.109	1.238	1.366	1.495
72	2.87	4.39	5.92	7.45	8.98	10.51	12.04	13.18	14.71	16.24	17.77
1.83	0.266	0.408	0.550	0.692	0.834	0.976	1.118	1.225	1.367	1.509	1.651
78	3.14	4.81	6.48	8.15	9.83	11.50	13.17	14.43	16.10	17.77	19.45
1.98	0.291	0.447	0.602	0.758	0.913	1.068	1.224	1.340	1.496	1.651	1.807
84	3.41	5.22	7.04	8.86	10.68	12.49	14.31	15.67	17.49	19.31	21.12
2.13	0.317	0.485	0.654	0.823	0.992	1.161	1.329	1.456	1.625	1.794	1.962

Specifications

Material	Aluminum 6063-T5
Blades	Thickness 2,06 mm (0,081")
L frame	Thickness 2,50 mm (0,098")
U frame	Thickness 2,50 mm (0,098")

Available frames

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

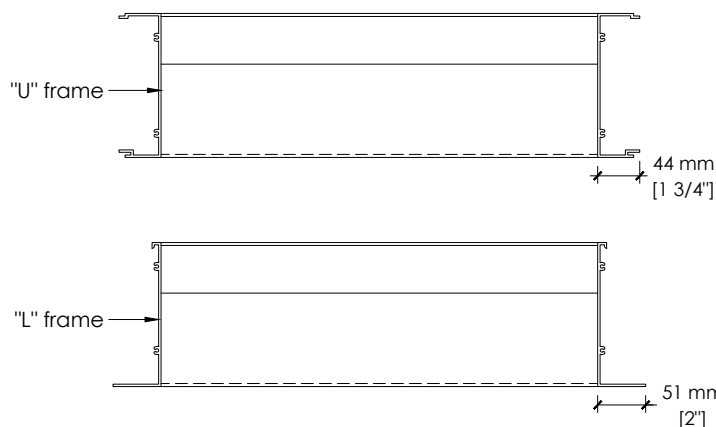
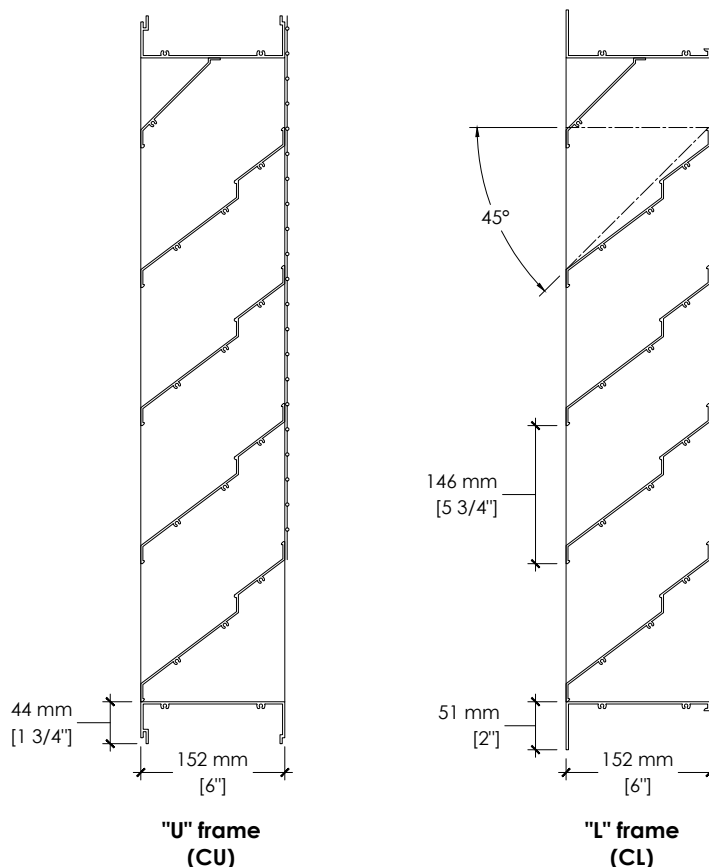
Birdscreens and accessories

- ☐ 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 : _____

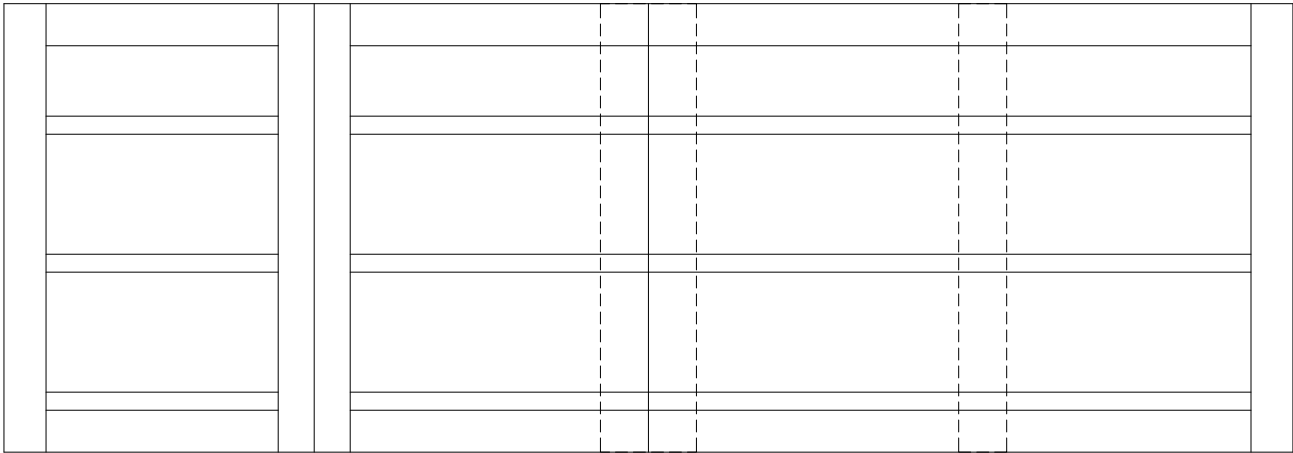
Arch./Eng.: _____

Contractor : _____

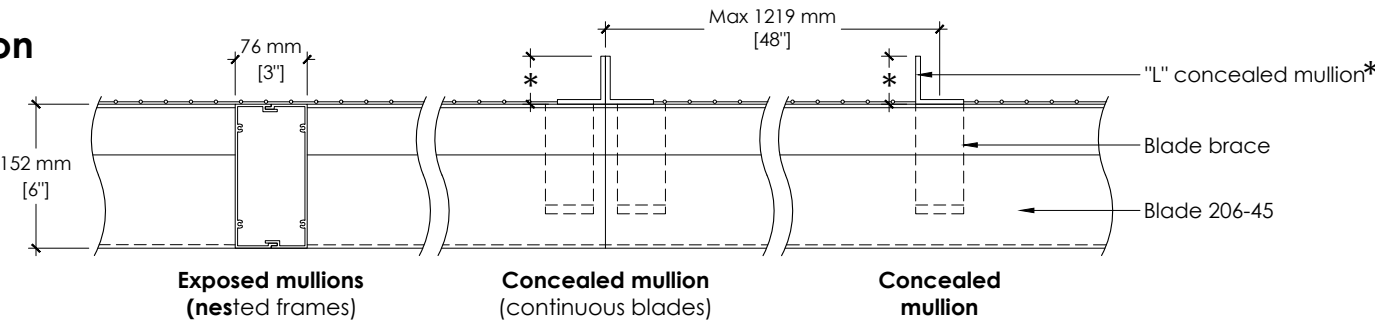
OF / # PO : _____

Date : _____

Elevation (outside view)



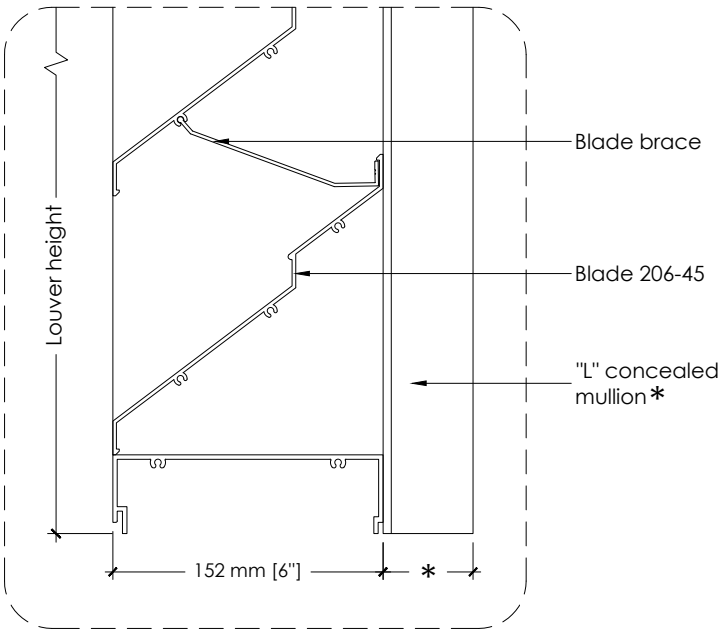
Section



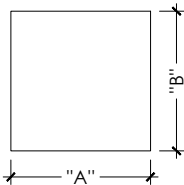
louver concealed mullion

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

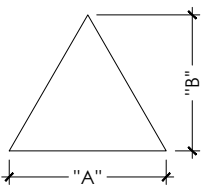
		*Louver concealed mullion dimension
Louver height	Less than 2438 mm (96")	38 x 38 x 4,7 mm angle (1 ½" x 1 ½" x ¾")
	from 2438 mm (96") to 3658 mm (144")	51 x 51 x 4,7 mm angle (2" x 2" x ¾")
	more than 3658 mm (144")	Please see the engineering departement



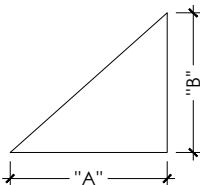
Shapes



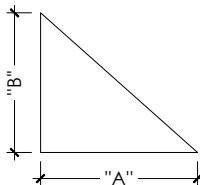
Rectangle / square



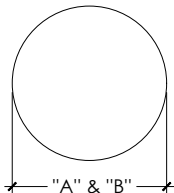
Triangle



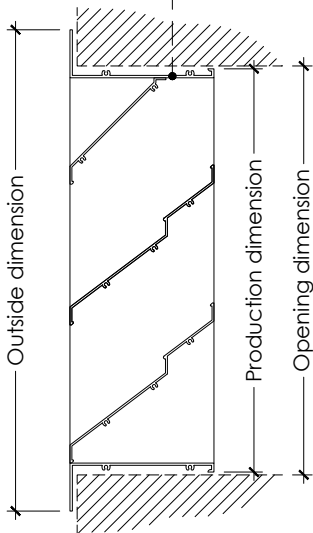
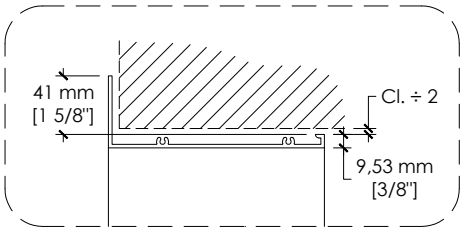
Left triangle



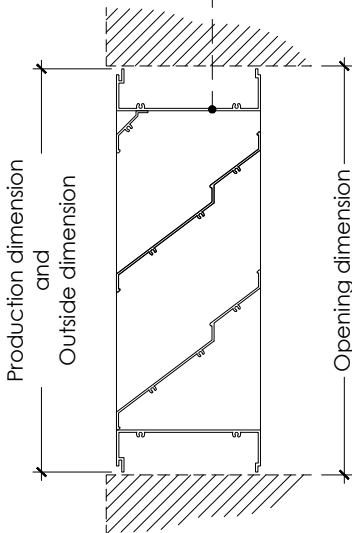
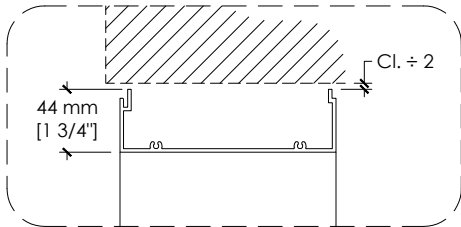
Right triangle



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		