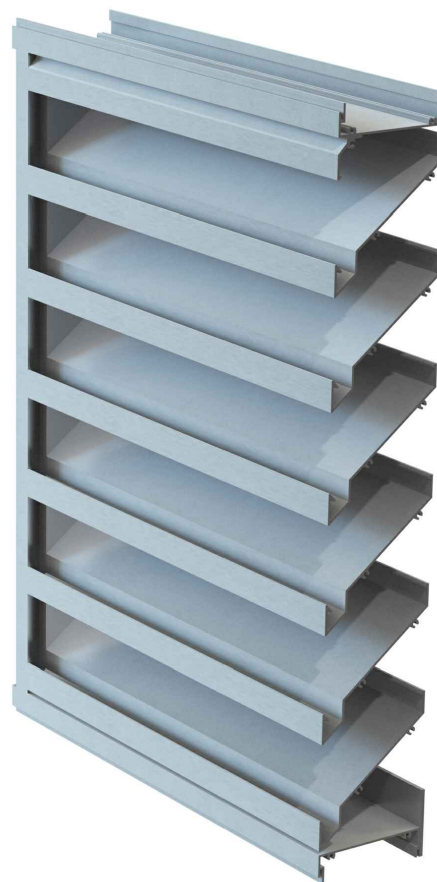


#### Performances (For a louver of 1219 x 1219 mm)

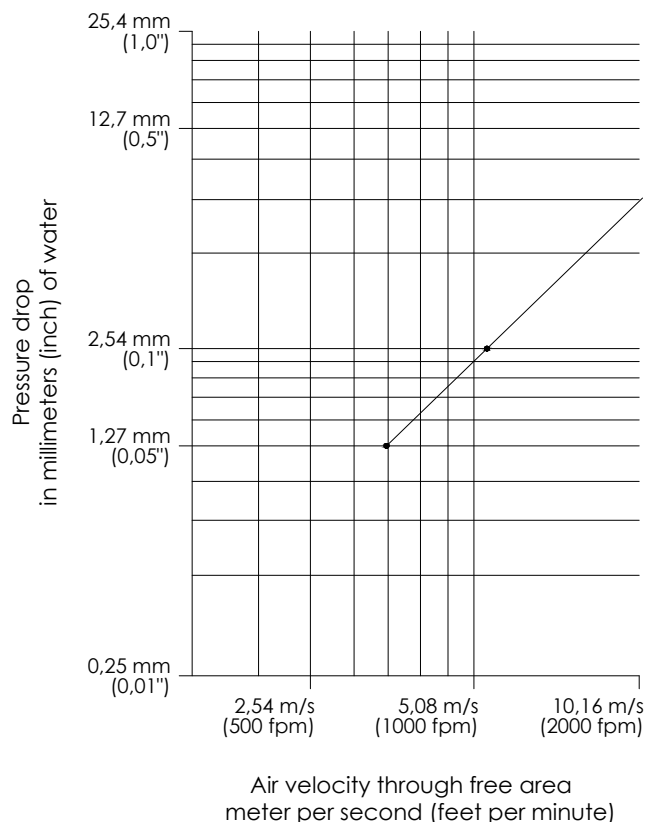
|                                                                                                        |                       |
|--------------------------------------------------------------------------------------------------------|-----------------------|
| Percentage of free area                                                                                | 54,08 %               |
| Free area                                                                                              | 8,65sq.ft. (0,804 m²) |
| Water penetration<br>@ 0,010 oz/sq.ft.(3,05 gr/m²) =                                                   | 1075 fpm (5,41 m/s)   |
| Free area intake velocity<br>@ Pressure drop 0,15 in. H <sub>2</sub> O<br>(3,81 mm H <sub>2</sub> O) = | 1000 fpm (5,08 m/s)   |

#### Standard specifications

|                     |                  |
|---------------------|------------------|
| Material            | Aluminum 6063-T5 |
| Depth               | 101,6 mm (4")    |
| Blade thickness     | 2,06 mm (0,081") |
| "L" frame thickness | 2,06 mm (0,081") |
| "U" frame thickness | 1,83 mm (0,072") |
| Blades angle        | 35°              |
| Center to center    | 88,90 mm (3,50") |
| Birdscreen          | Galvanized steel |
| Finish              | Mill finish      |
| Assembly            | Mechanical       |
| Hardware            | Galvanized steel |
| Approximate weight  | 3,43 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   | 0.51  | 0.78  | 1.05  | 1.32  | 1.59  | 1.87  | 2.14  | 2.34  | 2.61  | 2.88  | 3.16  |
| 0.30 | 0.047 | 0.073 | 0.098 | 0.123 | 0.148 | 0.173 | 0.199 | 0.218 | 0.243 | 0.268 | 0.293 |
| 18   | 0.68  | 1.04  | 1.40  | 1.76  | 2.12  | 2.49  | 2.85  | 3.12  | 3.48  | 3.84  | 4.20  |
| 0.46 | 0.063 | 0.097 | 0.130 | 0.164 | 0.197 | 0.231 | 0.265 | 0.290 | 0.323 | 0.357 | 0.391 |
| 24   | 0.93  | 1.43  | 1.93  | 2.43  | 2.92  | 3.42  | 3.92  | 4.29  | 4.79  | 5.29  | 5.79  |
| 0.61 | 0.087 | 0.133 | 0.179 | 0.225 | 0.272 | 0.318 | 0.364 | 0.399 | 0.445 | 0.491 | 0.538 |
| 30   | 1.19  | 1.82  | 2.46  | 3.09  | 3.72  | 4.36  | 4.99  | 5.47  | 6.10  | 6.73  | 7.37  |
| 0.76 | 0.110 | 0.169 | 0.228 | 0.287 | 0.346 | 0.405 | 0.464 | 0.508 | 0.567 | 0.626 | 0.684 |
| 36   | 1.51  | 2.31  | 3.12  | 3.92  | 4.73  | 5.53  | 6.34  | 6.94  | 7.74  | 8.55  | 9.35  |
| 0.91 | 0.140 | 0.215 | 0.290 | 0.364 | 0.439 | 0.514 | 0.589 | 0.645 | 0.719 | 0.794 | 0.869 |
| 42   | 1.81  | 2.77  | 3.73  | 4.69  | 5.66  | 6.62  | 7.58  | 8.30  | 9.27  | 10.23 | 11.19 |
| 1.07 | 0.168 | 0.257 | 0.347 | 0.436 | 0.525 | 0.615 | 0.704 | 0.771 | 0.861 | 0.950 | 1.040 |
| 48   | 2.06  | 3.16  | 4.26  | 5.36  | 6.46  | 7.55  | 8.65  | 9.48  | 10.58 | 11.67 | 12.77 |
| 1.22 | 0.191 | 0.293 | 0.396 | 0.498 | 0.600 | 0.702 | 0.804 | 0.880 | 0.983 | 1.085 | 1.187 |
| 54   | 2.34  | 3.59  | 4.84  | 6.09  | 7.34  | 8.59  | 9.83  | 10.77 | 12.02 | 13.27 | 14.52 |
| 1.37 | 0.218 | 0.334 | 0.450 | 0.566 | 0.682 | 0.798 | 0.914 | 1.001 | 1.117 | 1.233 | 1.349 |
| 60   | 2.68  | 4.11  | 5.53  | 6.96  | 8.39  | 9.82  | 11.24 | 12.32 | 13.74 | 15.17 | 16.60 |
| 1.52 | 0.249 | 0.381 | 0.514 | 0.647 | 0.779 | 0.912 | 1.045 | 1.144 | 1.277 | 1.409 | 1.542 |
| 66   | 2.93  | 4.50  | 6.06  | 7.62  | 9.19  | 10.75 | 12.32 | 13.49 | 15.05 | 16.62 | 18.18 |
| 1.68 | 0.272 | 0.418 | 0.563 | 0.708 | 0.854 | 0.999 | 1.144 | 1.253 | 1.398 | 1.544 | 1.689 |
| 72   | 3.19  | 4.89  | 6.59  | 8.29  | 9.99  | 11.69 | 13.39 | 14.66 | 16.36 | 18.06 | 19.76 |
| 1.83 | 0.296 | 0.454 | 0.612 | 0.770 | 0.928 | 1.086 | 1.244 | 1.362 | 1.520 | 1.678 | 1.836 |
| 78   | 3.51  | 5.38  | 7.25  | 9.12  | 10.99 | 12.86 | 14.73 | 16.14 | 18.01 | 19.88 | 21.75 |
| 1.98 | 0.326 | 0.500 | 0.673 | 0.847 | 1.021 | 1.195 | 1.369 | 1.499 | 1.673 | 1.847 | 2.020 |
| 84   | 3.80  | 5.83  | 7.86  | 9.89  | 11.92 | 13.95 | 15.98 | 17.50 | 19.53 | 21.56 | 23.59 |
| 2.13 | 0.353 | 0.542 | 0.730 | 0.919 | 1.107 | 1.296 | 1.484 | 1.626 | 1.814 | 2.003 | 2.191 |

## Specifications

|                 |                            |
|-----------------|----------------------------|
| <b>Material</b> | Aluminum 6063-T5           |
| <b>Blades</b>   | Thickness 2,06 mm (0,081") |
| <b>L frame</b>  | Thickness 2,06 mm (0,081") |
| <b>U frame</b>  | Thickness 1,83 mm (0,072") |

## 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

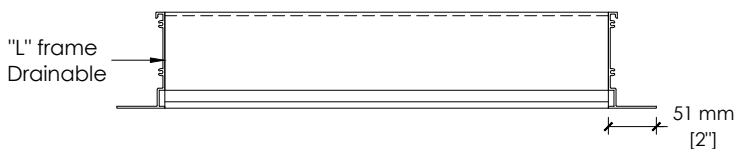
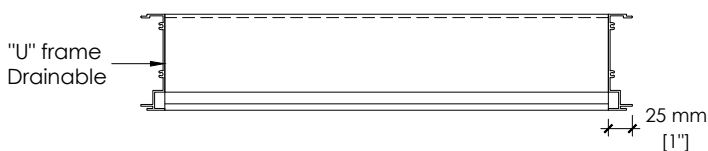
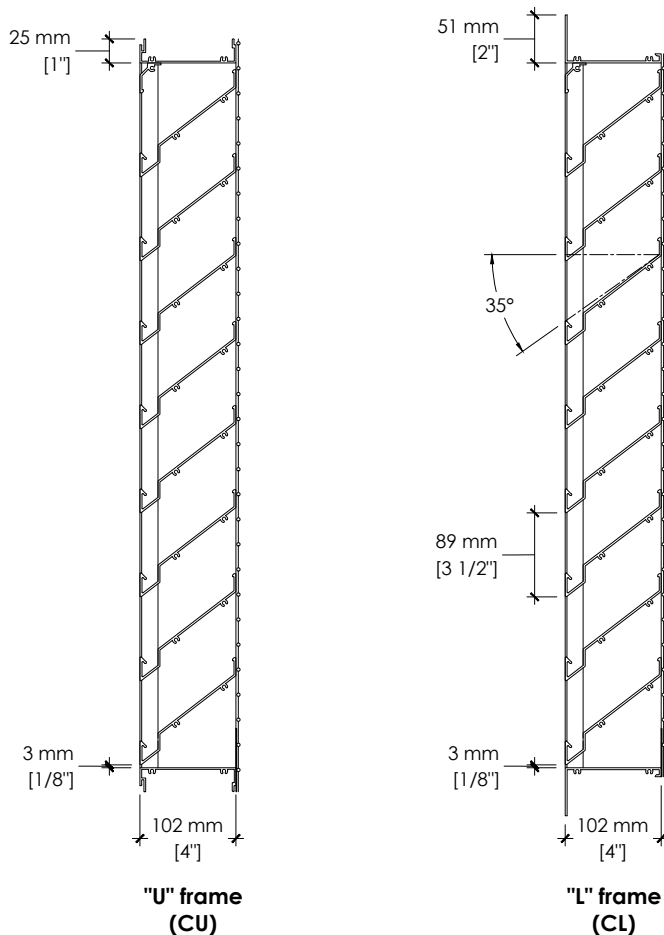
## Birdscreens and accessories

- ☐ 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 : \_\_\_\_\_

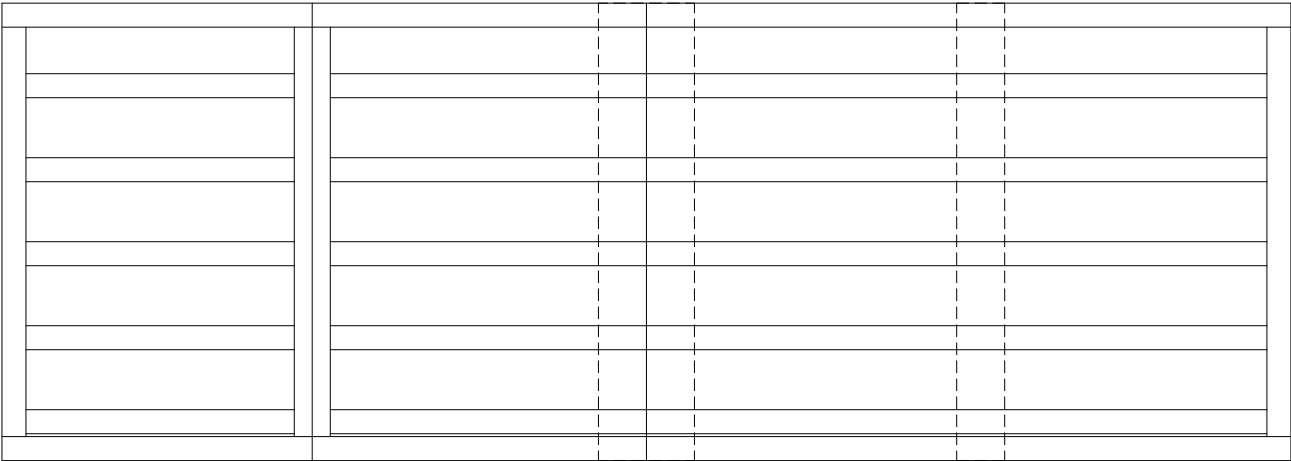
Arch./Eng.: \_\_\_\_\_

Contractor : \_\_\_\_\_

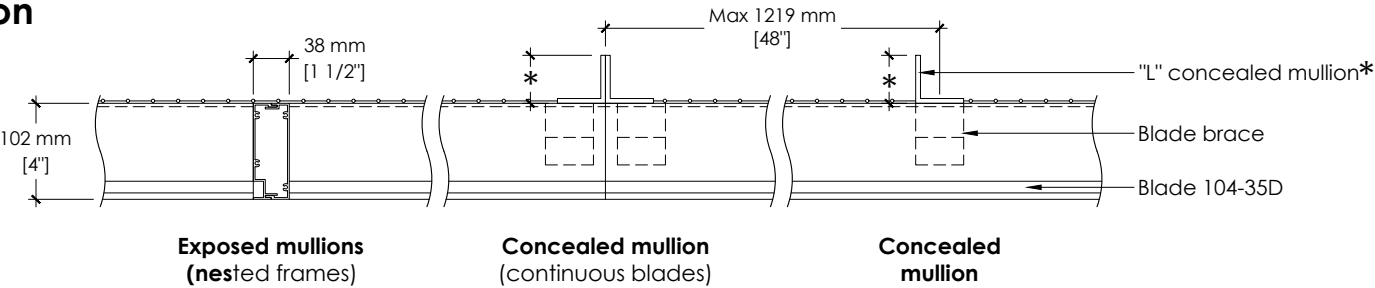
# OF / # PO : \_\_\_\_\_

Date : \_\_\_\_\_

Elevation (outside view)



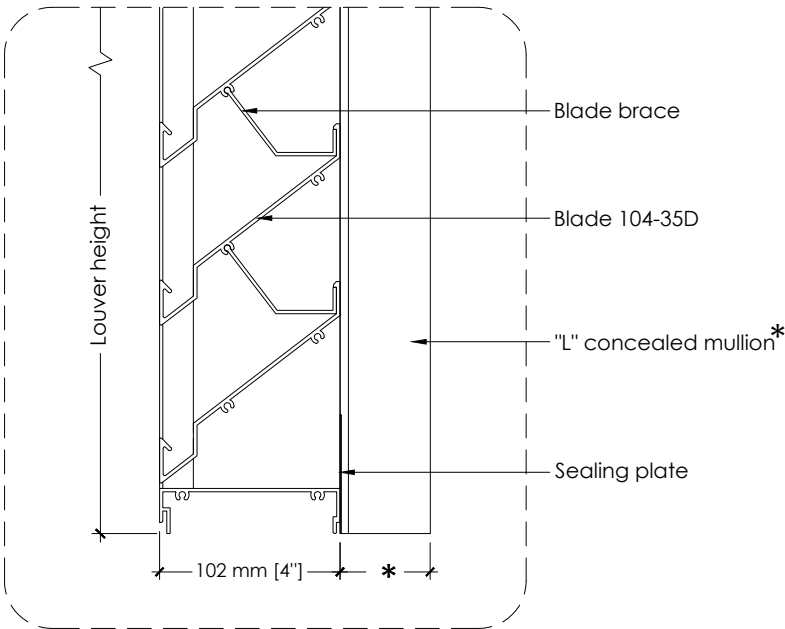
Section



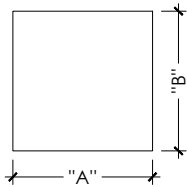
louver concealed mullion

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

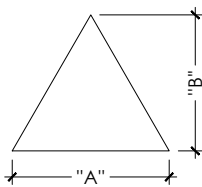
Table with 3 columns: Louver height, Louver concealed mullion dimension, and specific angle dimensions for different height ranges.



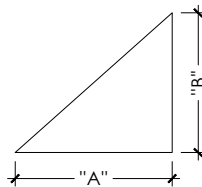
## Shapes



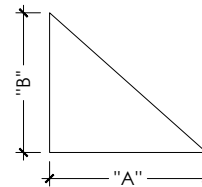
☐ Rectangle / square



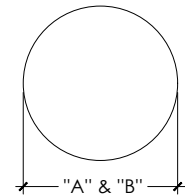
☐ Triangle



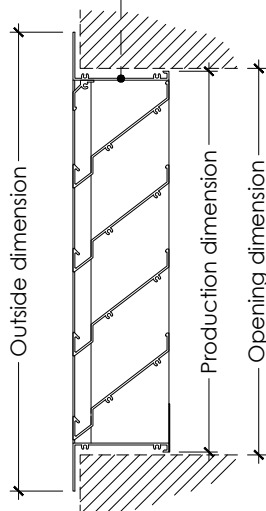
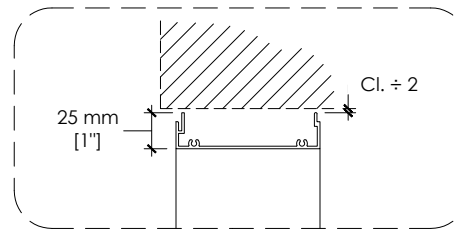
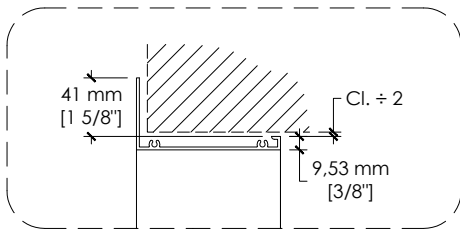
☐ Left triangle



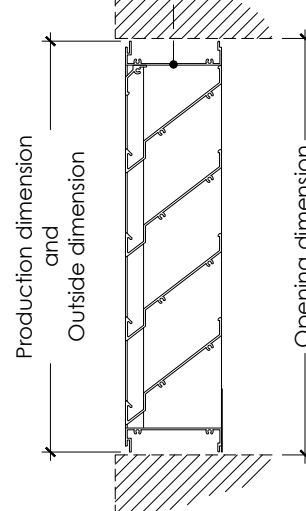
☐ Right triangle



☐ Round



"L" frame (CL)



"U" frame (CU)

☐ Outside dimensions

☐ Opening dimensions

☐ Production dimensions

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