Technical manual

AUSTRALIAN MADE

Betta Poly Australian Made

www.betta-blinds.com.au

Technical Manual

Material

Betta Poly

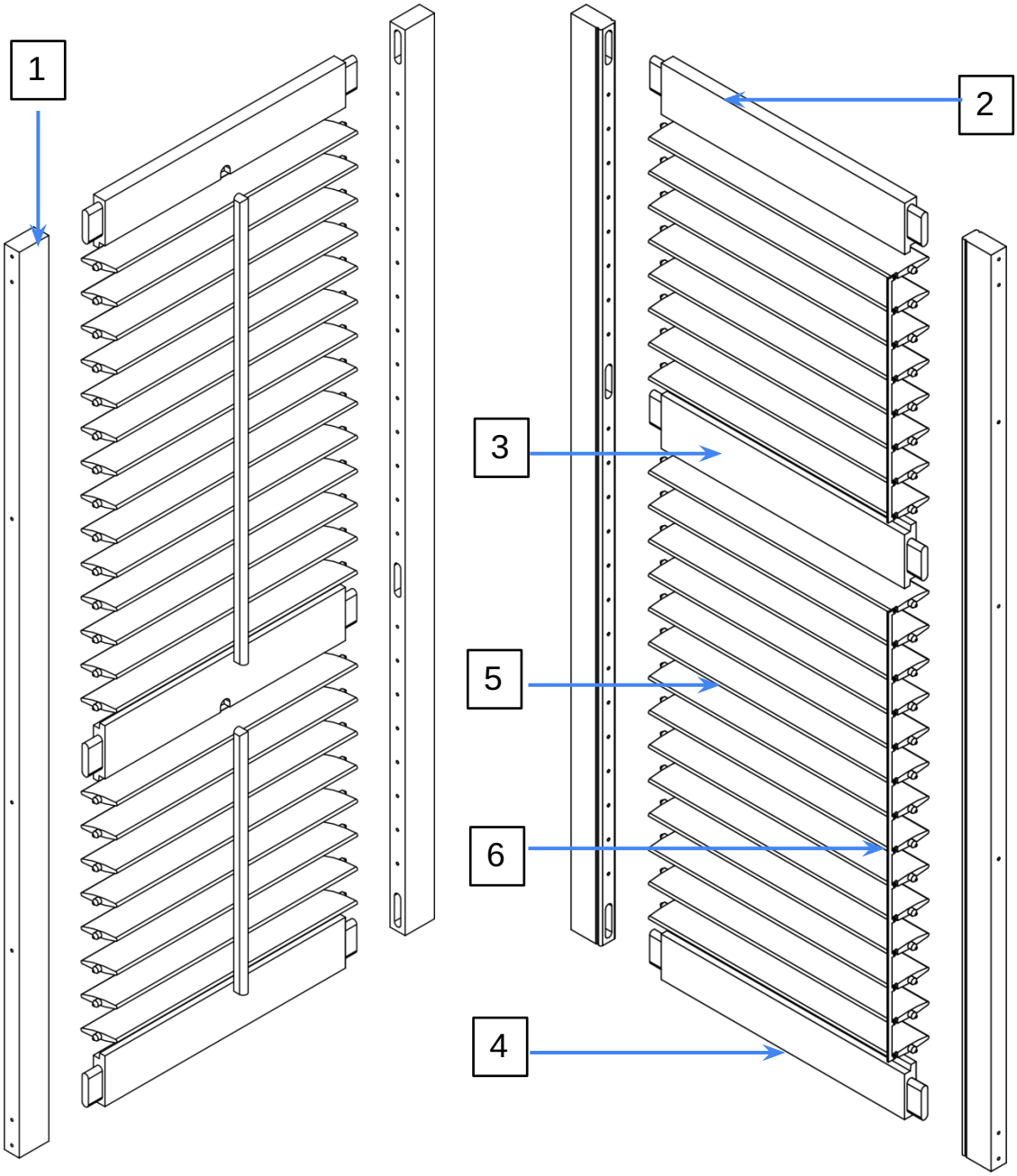
Betta Poly is an extruded material tested for your health containing no harmful phthalates or VOC's.

Betta Poly is ideal for wet areas such as bathrooms, laundry, kitchens or where water is likely to come into contact with the material, including windows left open.

An aluminium insert is used in the stiles, rail and louvres to increase strength and reduce weight.

Betta Poly shutters are termite and fire resistant. Panels up to 880mm.

Panel components



1	Stile
2	Top rail
3	Mid rail
4	Bottom rail
5	Louver
6	Clearview rod

Colour range

Standard paint (Water Based JM201)

Measuring Guide

Specifications

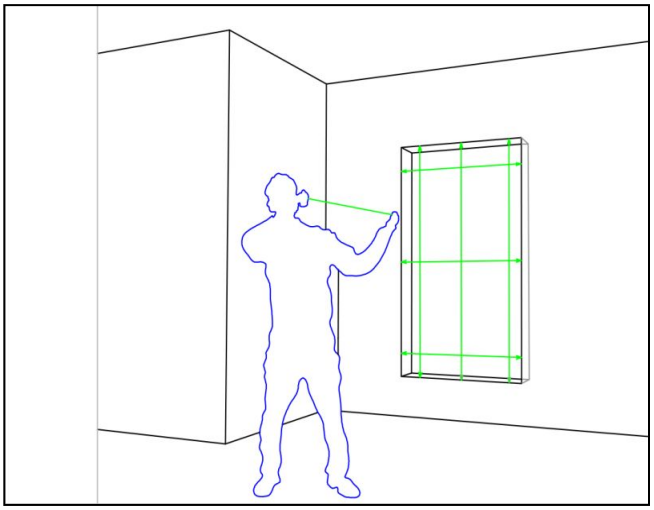
Material	Aust. Made Poly
	Synthetic
Louvre Size	89mm
Max Single Panel Width	880mm
Min. Panel Width	200mm
Max Multi Panel Width	500mm
Max Panel Height	2700mm
Min. Panel Height	300mm
Midrail Required At	1800mm
Max. 2nd Divider Rail	
Solid Panel	No
Special Shape	No
T Post	Yes
Bay/Corner Post	Infill Options
Rebate Stile	Yes
Frame And Post Build Out	No
Traditional Front Or Offset Tilt Rod	No
Invisible Tilt	No
Clearview	Yes
Track systems	Yes
Tier on Tier	Yes

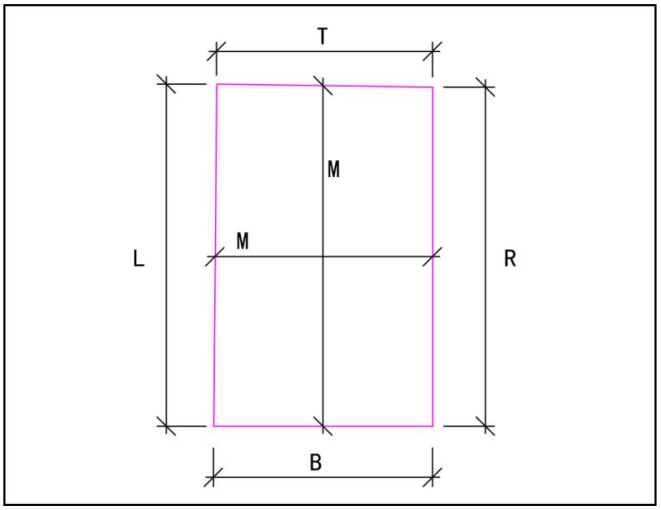
* Betta Poly Australian Made we can make the panel size up to 900mm outside of warranty

Measurement Guide

Standard opening measurement:

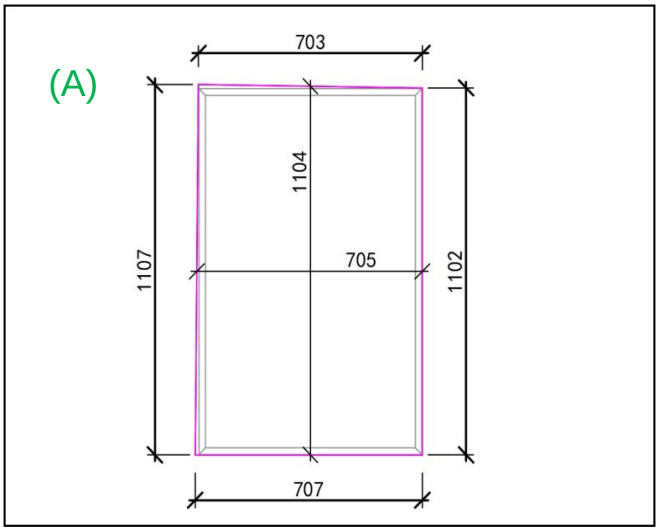
Method: Measure top, middle and bottom of the opening width,while measure left, middle and right of the opening height.





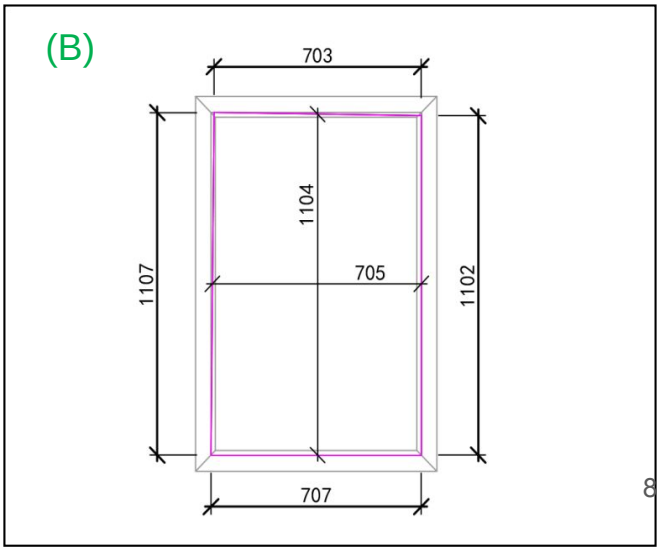
A. Inside Mount

Width=Take the smallest data among the three as width
Height=Take the smallest data among the three as height
Example(A):
top width=703 middle width=705
bottom width=707
left height=1107 middle height=1104
right height=1102
Result:
Width=703
Height=1102



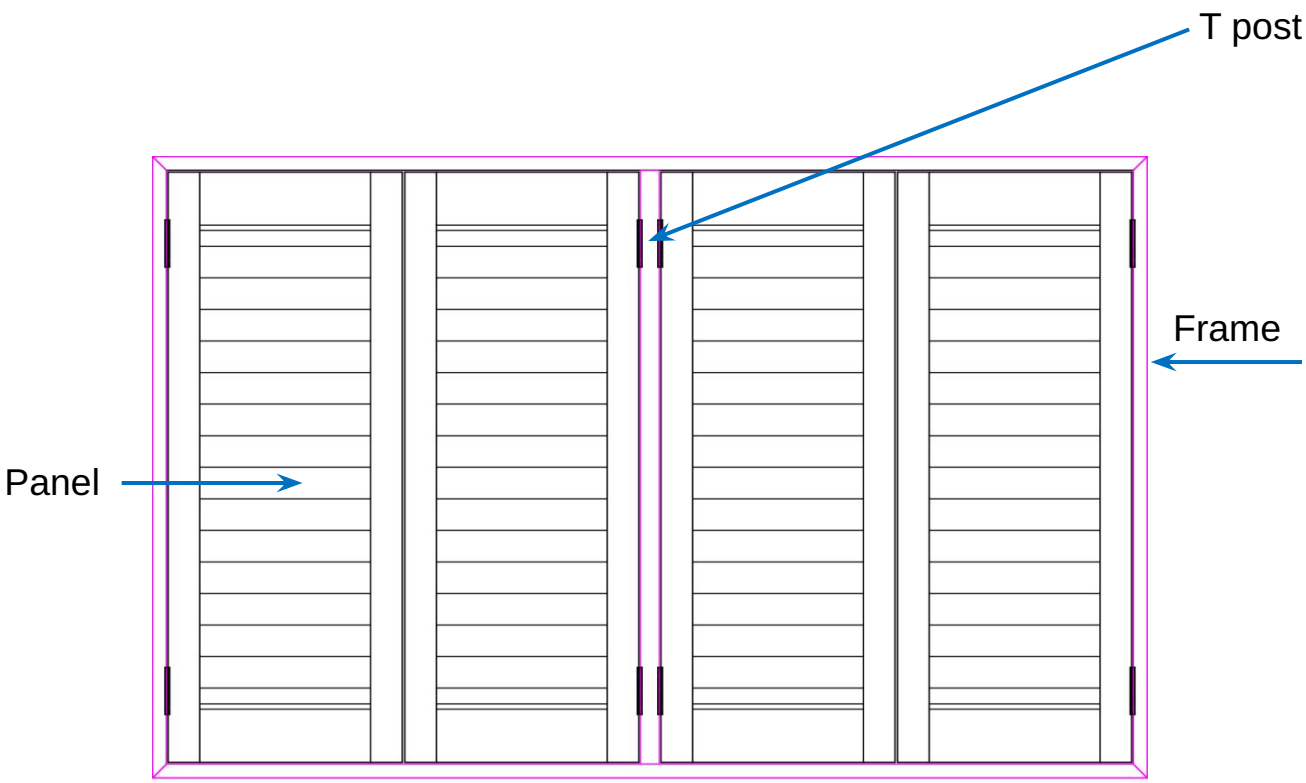
B. Outside Mount

Width:=Take the biggest data among the three as width
Height: Take the biggest data among the three as height
Example(B):
top width=703 middle width=705
bottom width=707
left height=1107 middle height=1104
right height=1102
Result:
Width=707
Height=1107

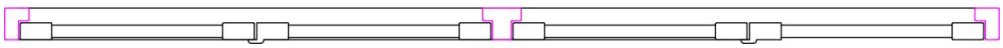


Frame Options

(Front view)

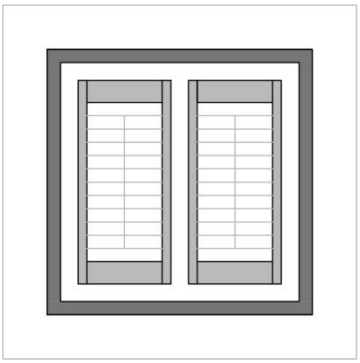


(Top view)

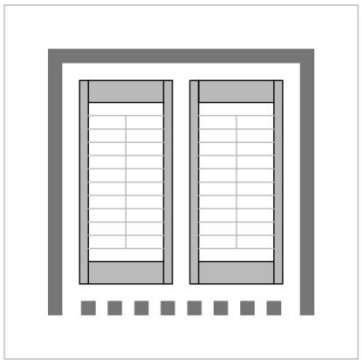


Frame Sides

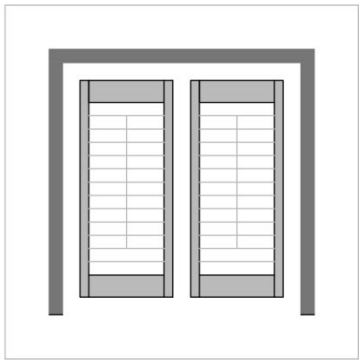
L stands for left frame, **R** stands for right frame, **T** stands for top frame, **B** stands for bottom frame,
S stands for bottom closing batten, normally functioning as a bottom frame.



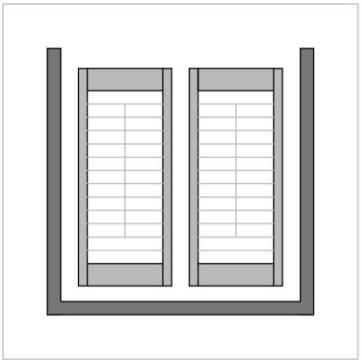
4LRTB
(4 sides)



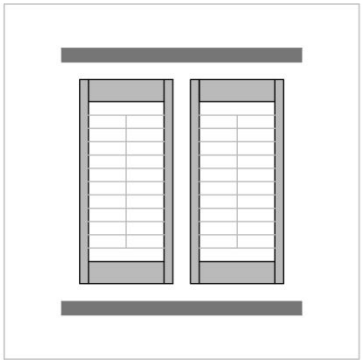
4LRTS
(3 sides with bottom light block)



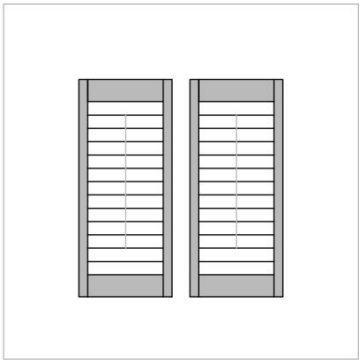
3LRT
(no bottom frame)



3LRB
(no top frame)



2TB
(top & bottom frame)

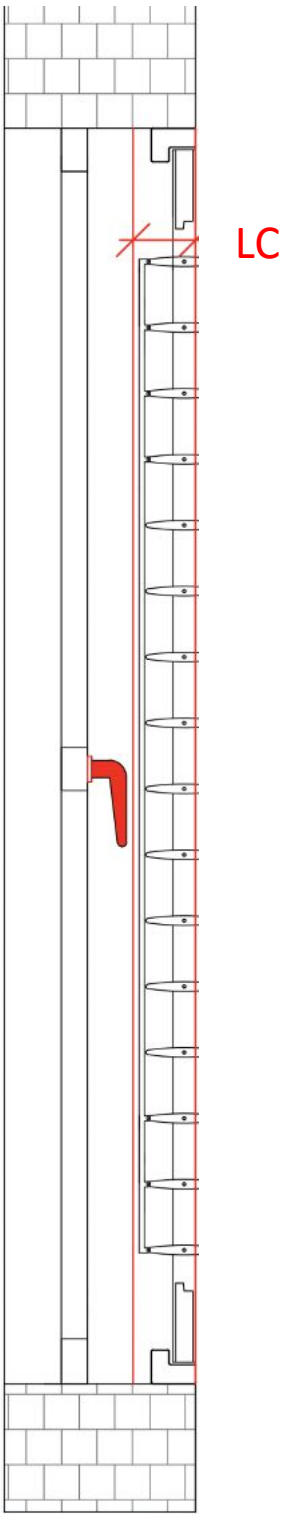


None
(no frame)

Louvre Clearance

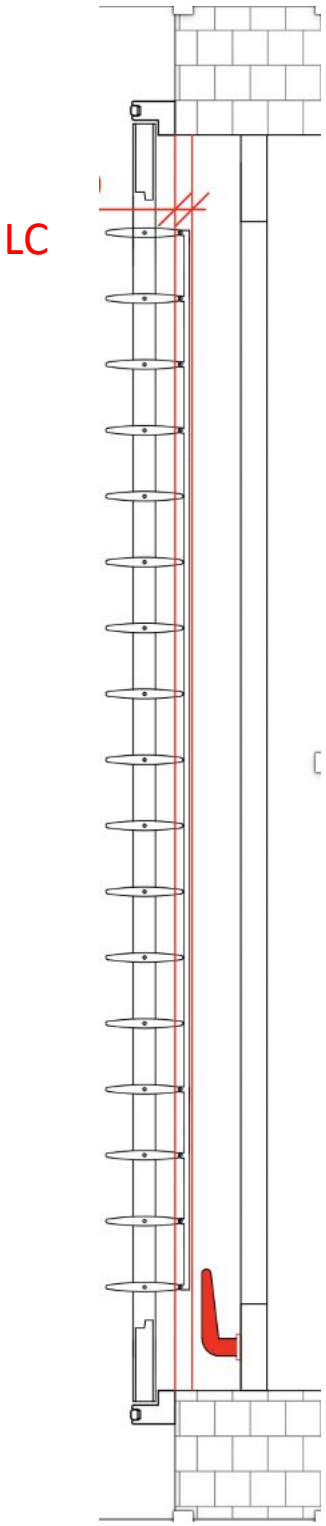
Louvre clearance (LC) means the Standard Depth required to make sure all the louvers fully open without touching any obstruction.
Factors that may influence security depth: depth of the opening, frame depth, Protruding depth of the handle, Louver size, Divider location, Rod split location etc.

Inside Mount
(Side view)



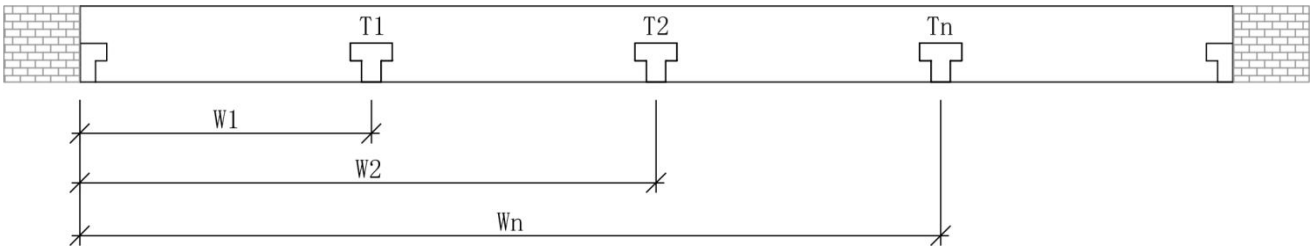
Clearance Required	
Louver	Clearview
88.9	68

Outside Mount
(Side view)

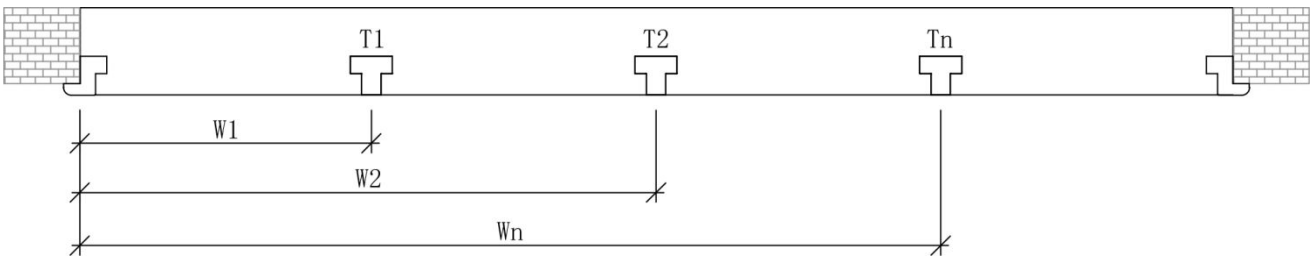


Measurement of T Posts

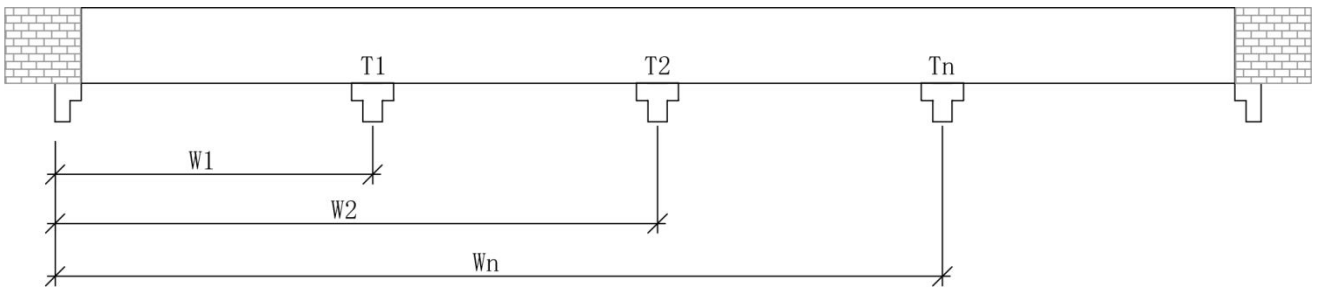
Inside mount: Measurement starts from the left of the opening to the center point of each T post.
Outside mount: Measurement starts form the left of the frame to the center point of each T post.



Inside mount of L frame: Measurement starts from the left of the opening to T1、T2、Tn, that is W1、W2、Wn.



Inside mount of Z frame: Measurement starts from the left of the opening to T1、T2、Tn, that is W1、W2、Wn.



Outside mount of L frame: Measurement starts from the left of the frame to T1、T2、Tn, that is W1、W2、Wn.

Layout configurations

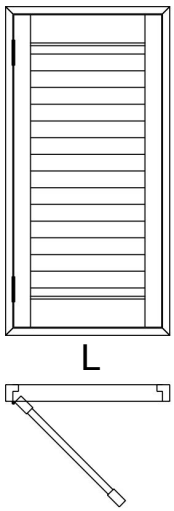
Hinged Systems:

L = the panels are hinged on the left
R = the panels are hinged on the right
D = D-mould. e.g. L-DR (D Mould attached to right hand panel so right closes over left).
T = T Post. Always measured from the left to the centre of the post.

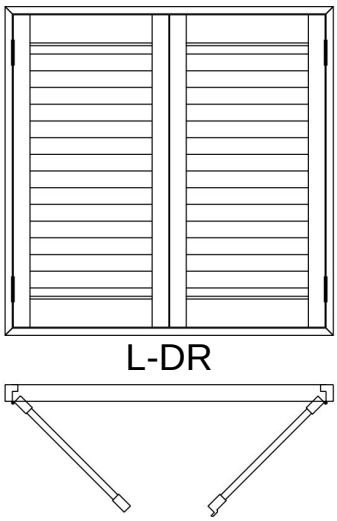
Sliding/Bi-Fold Systems:

B = the is on the “Back” track
F = the panel is on the “Front” track
BB = 2 panels are joined on the “Back” track.
FF = 2 panels are joined on the “Front” track
LL/LLLL = Panels stack to the left
RR/RRRR = Panels stack to the right

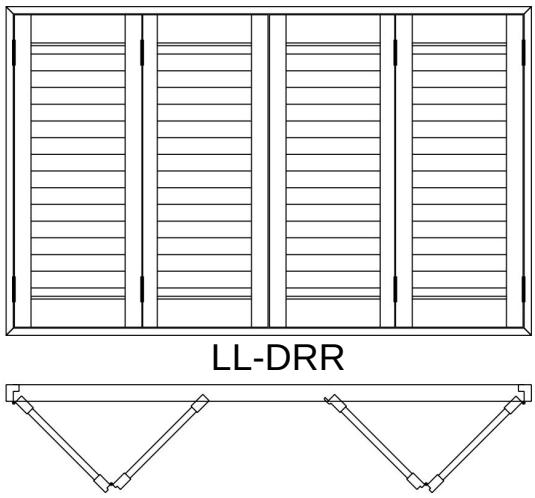
Layouts - Hinged



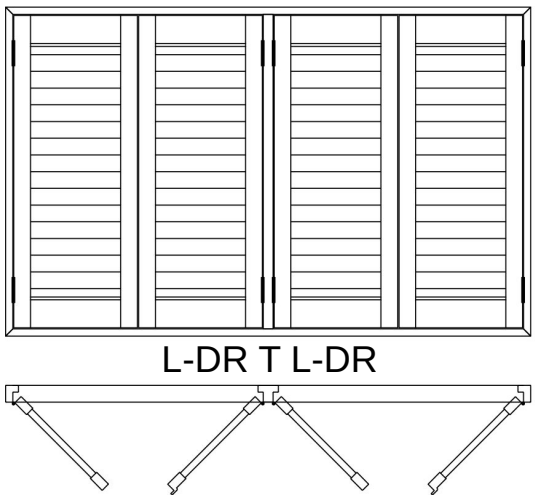
L



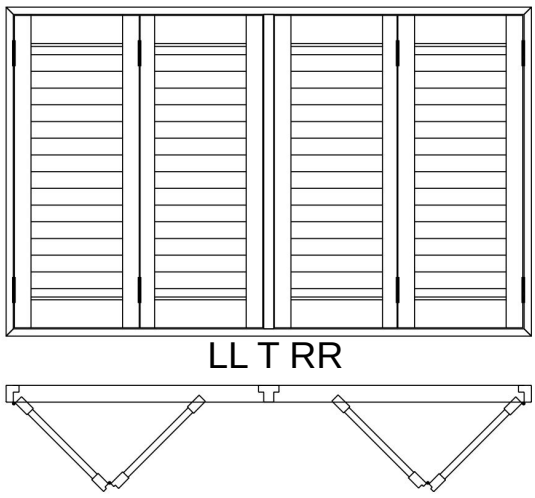
L-DR



LL-DRR



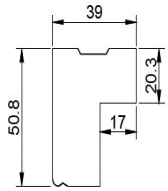
L-DR T L-DR



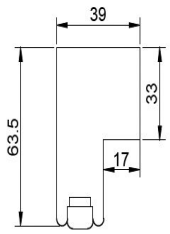
LL T RR

Betta Poly Components

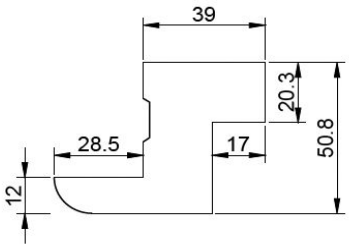
Betta Poly Frames



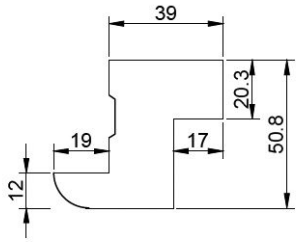
Betta Poly Standard L



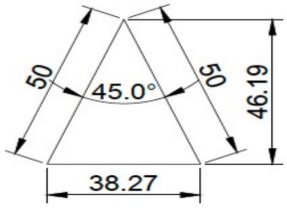
Betta Poly FFL63.5

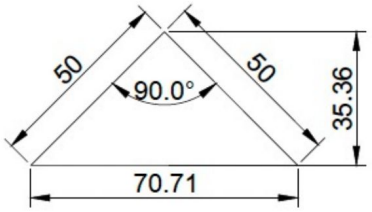


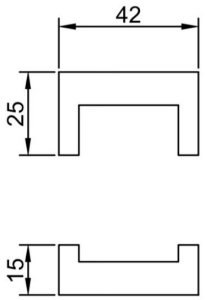
Betta Poly Standard Z



Betta Poly Medium Z



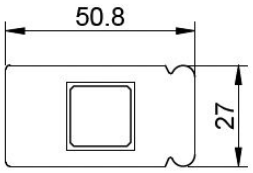




Betta Poly U Channel

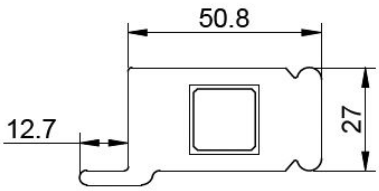
Betta Poly Stiles

Beaded 50.8mm + D Mould



Betta Poly1102A0

PVC REINFORCED
SQUARE STILE



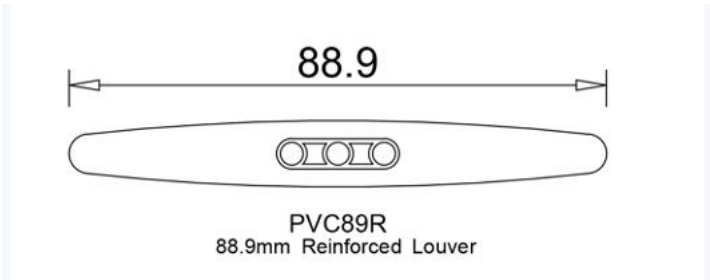
Betta Poly1106A0

PVC REINFORCED
D-STILE

Stile type
Beaded D-mould stile + Beaded Stile

Components

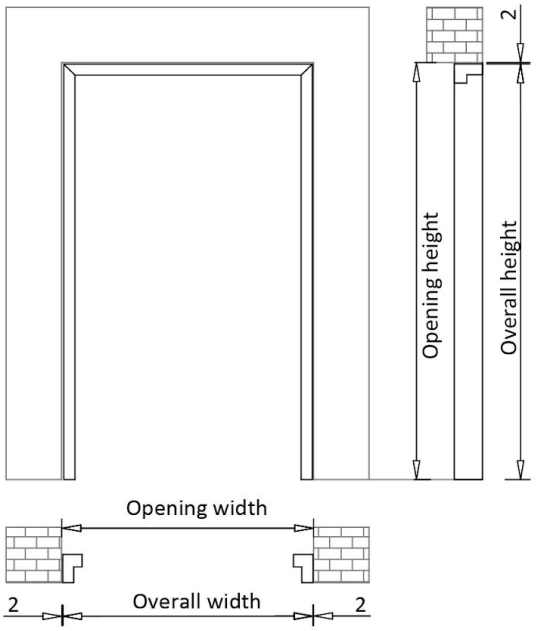
Betta Poly Louvers



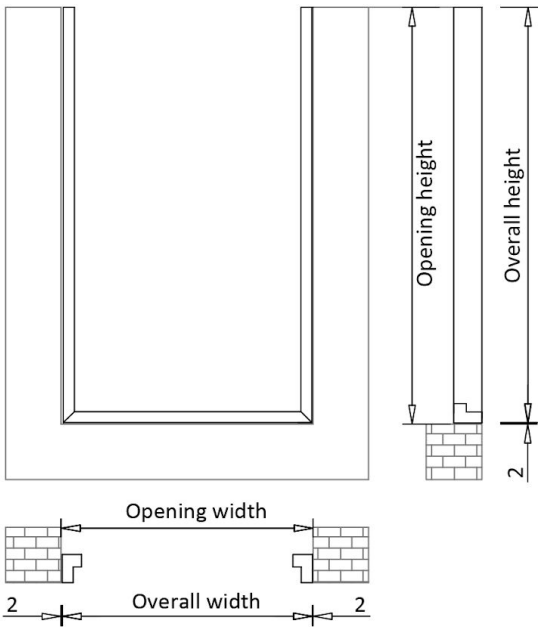
betta
BLINDS AND AWNINGS

Clearances

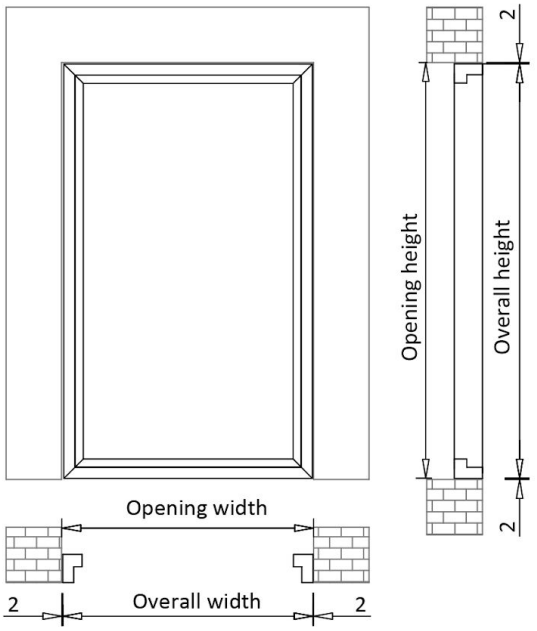
Overall size



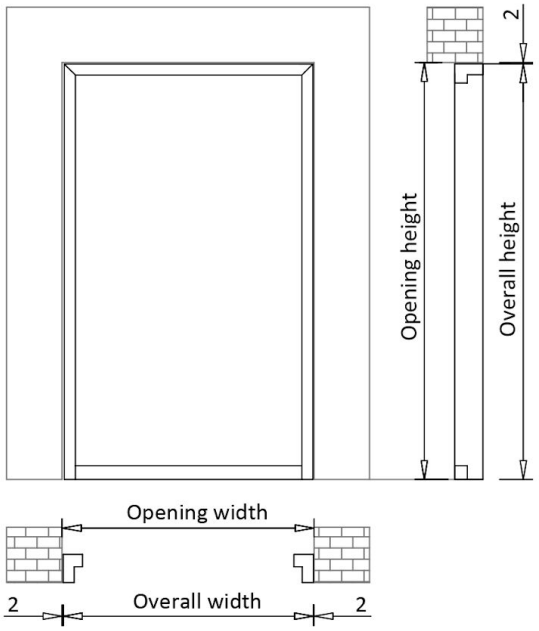
Frame type:	L shaped frame	Frame sides:	3LRT
Hardware:	/	Installation:	Mount in
Overall height:	= Opening height-2		
Overall width:	= Opening width -2-2		



Frame type:	L shaped frame	Frame sides:	3LRB
Hardware:	/	Installation:	Mount in
Overall height:	= Opening height-2		
Overall width:	= Opening width -2-2		

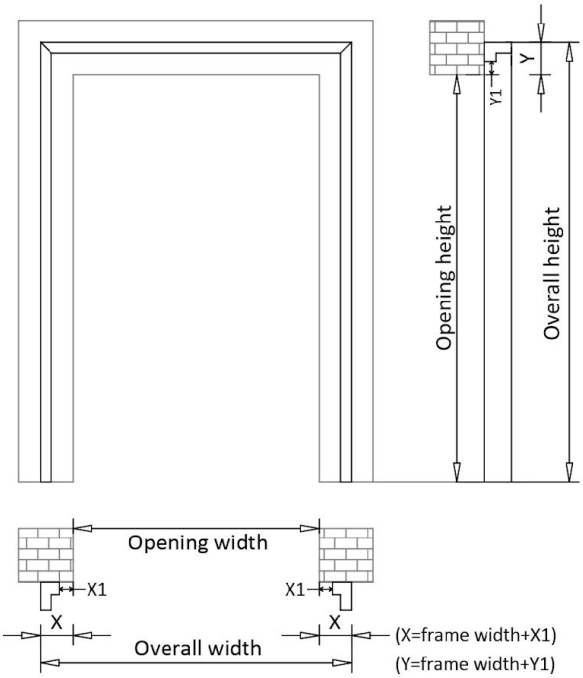


Frame type:	L shaped frame	Frame sides:	4LRTB
Hardware:	/	Installation:	Mount in
Overall height:	= Opening height-2-2		
Overall width:	= Opening width -2-2		

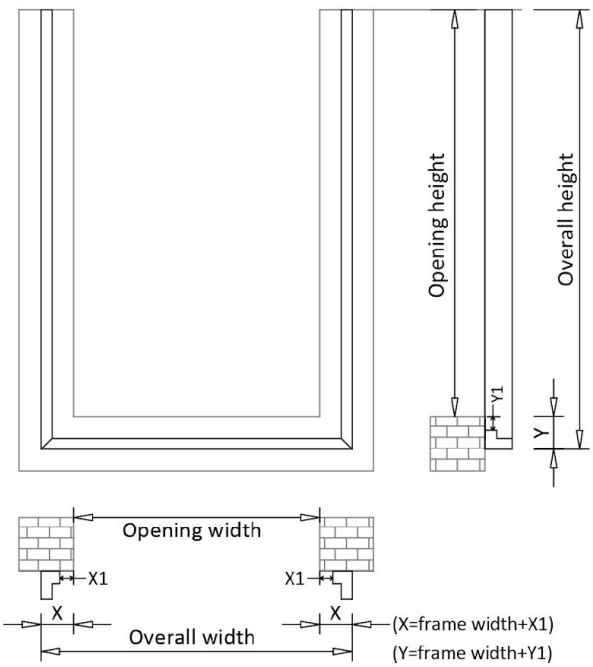


Frame type:	L shaped frame	Frame sides:	4LRTS
Hardware:	/	Installation:	Mount in
Overall height:	= Opening height-2		
Overall width:	= Opening width -2-2		

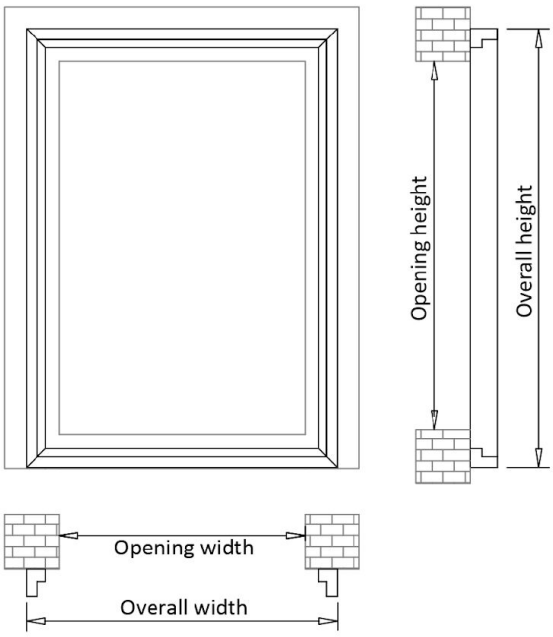
Overall size



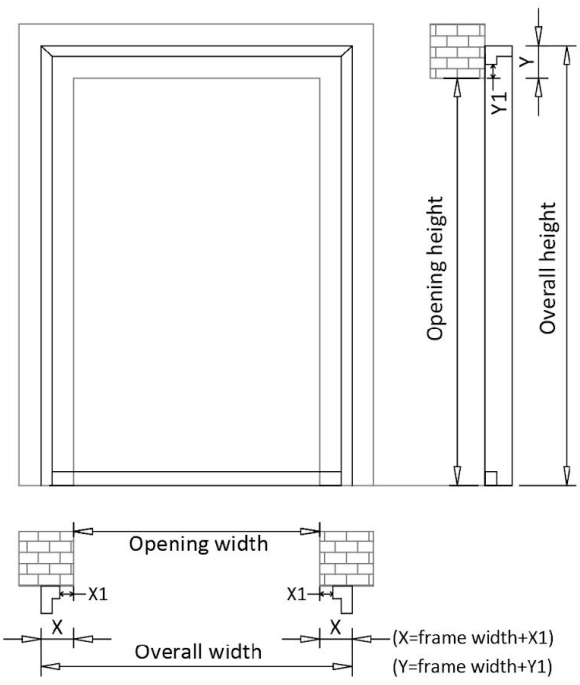
Frame type:	L shaped frame	Frame sides:	3LRT
Hardware:	/	Installation:	Mount out
Overall height:	= Opening height+Y		
Overall width:	= Opening width +X+X		



Frame type:	L shaped frame	Frame sides:	3LRB
Hardware:	/	Installation:	Mount out
Overall height:	= Opening height+Y		
Overall width:	= Opening width +X+X		

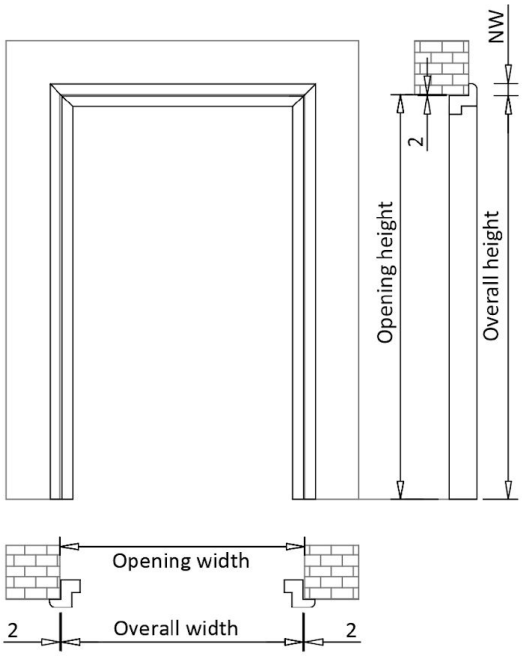


Frame type:	L shaped frame	Frame sides:	4LRTB
Hardware:	/	Installation:	Mount out
Overall height:	= Opening height+Y+Y		
Overall width:	= Opening width +X+X		

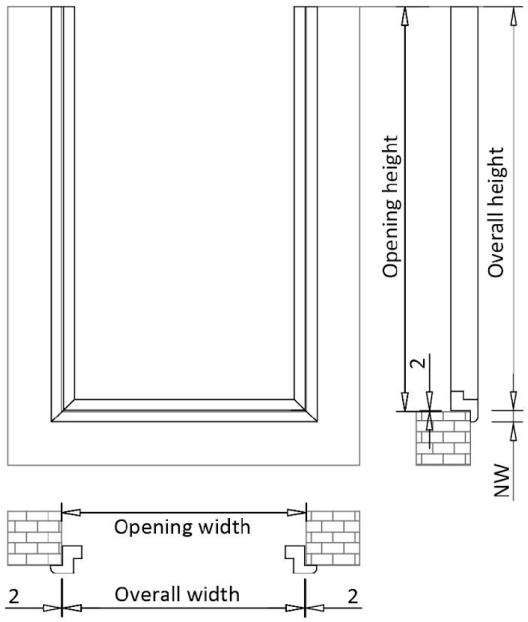


Frame type:	L shaped frame	Frame sides:	4LRTS
Hardware:	/	Installation:	Mount out
Overall height:	= Opening height+Y		
Overall width:	= Opening width +X+X		

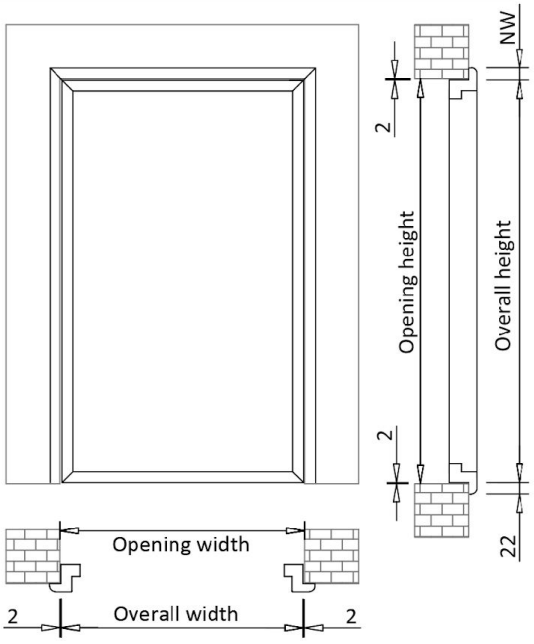
Overall size



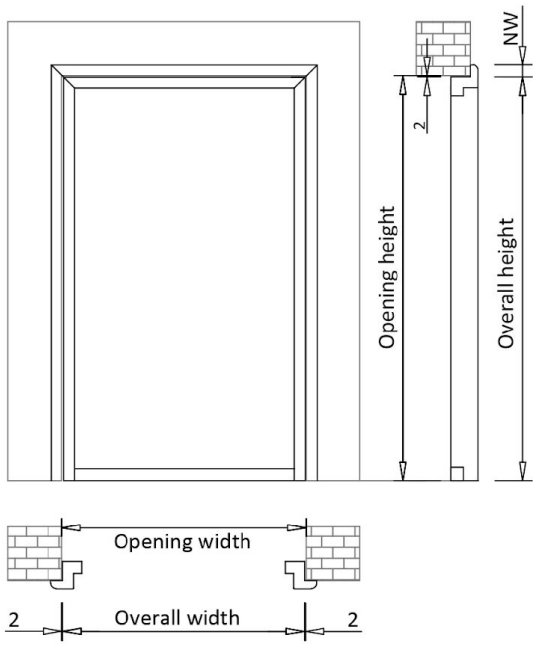
Frame type:	Z shaped frame	Frame sides:	3LRT
Hardware:	/	Installation:	Mount in
Overall height:	= Opening height-2		
Overall width:	= Opening width -2-2		
Please note the nose width (NW) outside the wall			



Frame type:	Z shaped frame	Frame sides:	3LRB
Hardware:	/	Installation:	Mount in
Overall height:	= Opening height-2		
Overall width:	= Opening width -2-2		
Please note the nose width (NW) outside the wall			

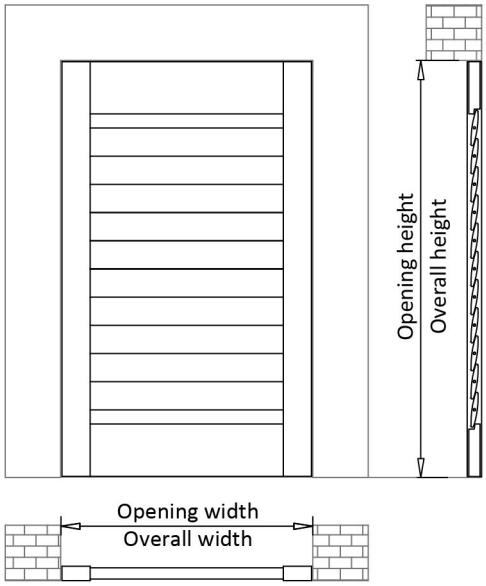


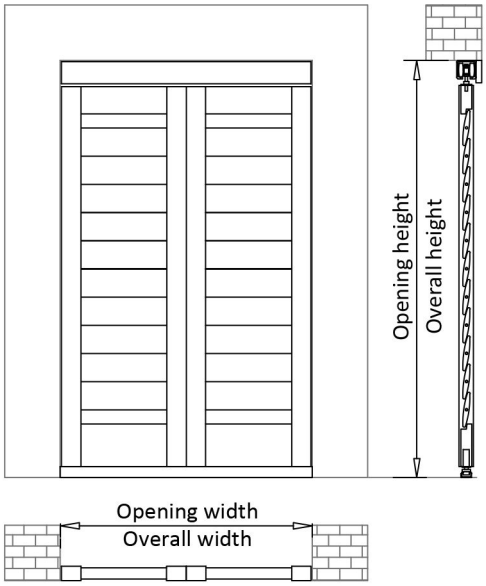
Frame type:	Z shaped frame	Frame sides:	4LRTB
Hardware:	/	Installation:	Mount in
Overall height:	= Opening height-2-2		
Overall width:	= Opening width -2-2		
Please note the nose width (NW) outside the wall			



Frame type:	Z shaped frame	Frame sides:	4LRTS
Hardware:	/	Installation:	Mount in
Overall height:	= Opening height-2		
Overall width:	= Opening width -2-2		
Please note the nose width (NW) outside the wall			

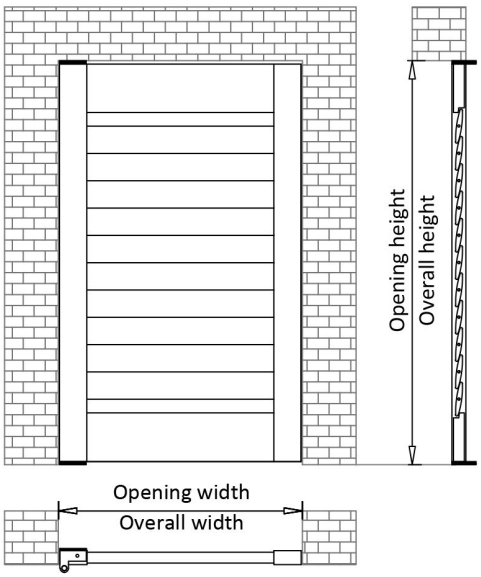
Overall size

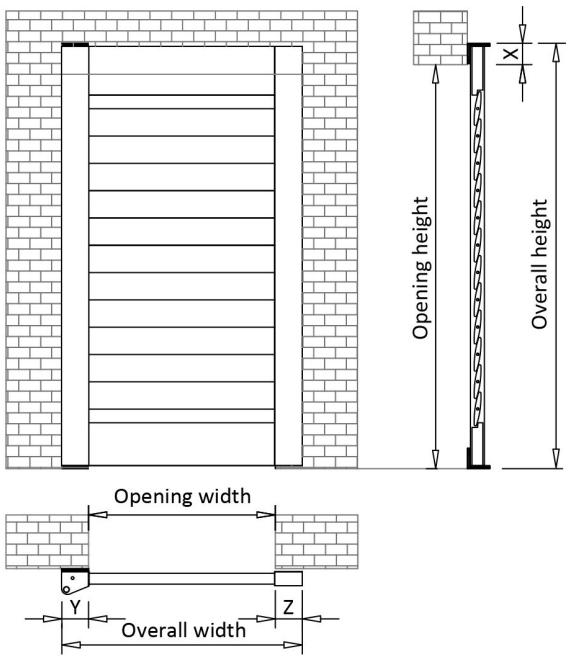




Frame type:	No frame	Frame sides:	None
Hardware:	None	Installation:	Mount in
Overall height:	= Opening height		
Overall width:	= Opening width		

Frame type:	None	Frame sides:	None
Hardware:	Track system	Installation:	Mount in
Overall height:	= Opening height		
Overall width:	= Opening width		





Frame type:	None	Frame sides:	None
Hardware:	Inside mounted pivot	Installation:	Mount in
Overall height:	= Opening height		
Overall width:	= Opening width		

Frame type:	None	Frame sides:	None
Hardware:	outside mounted pivot	Installation:	Mount out
Overall height:	= Opening height+X		
Overall width:	= Opening width +Y+Z		

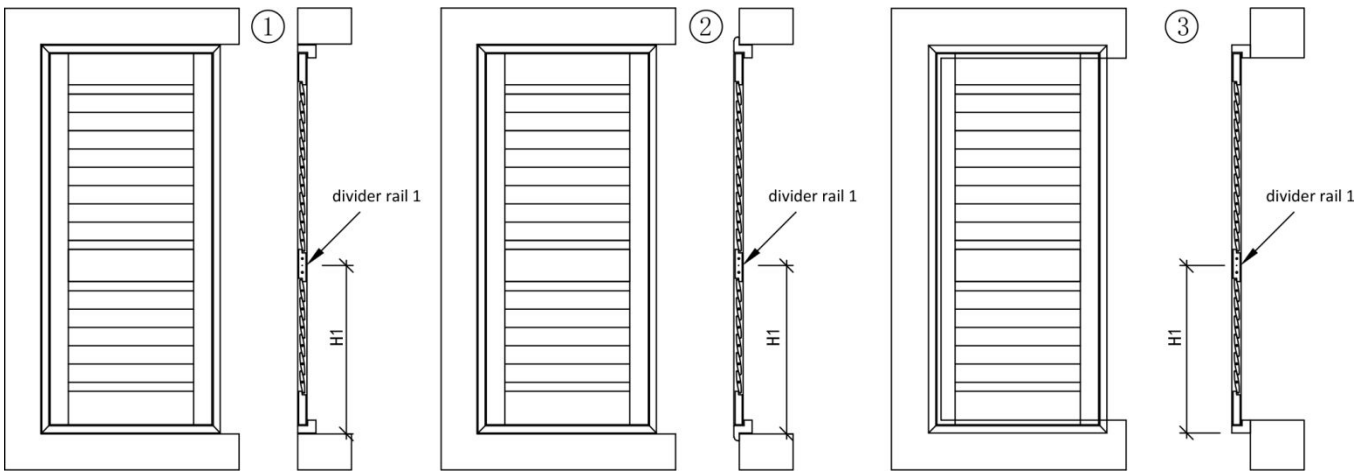
Height of Divider Rail

for full height shutters

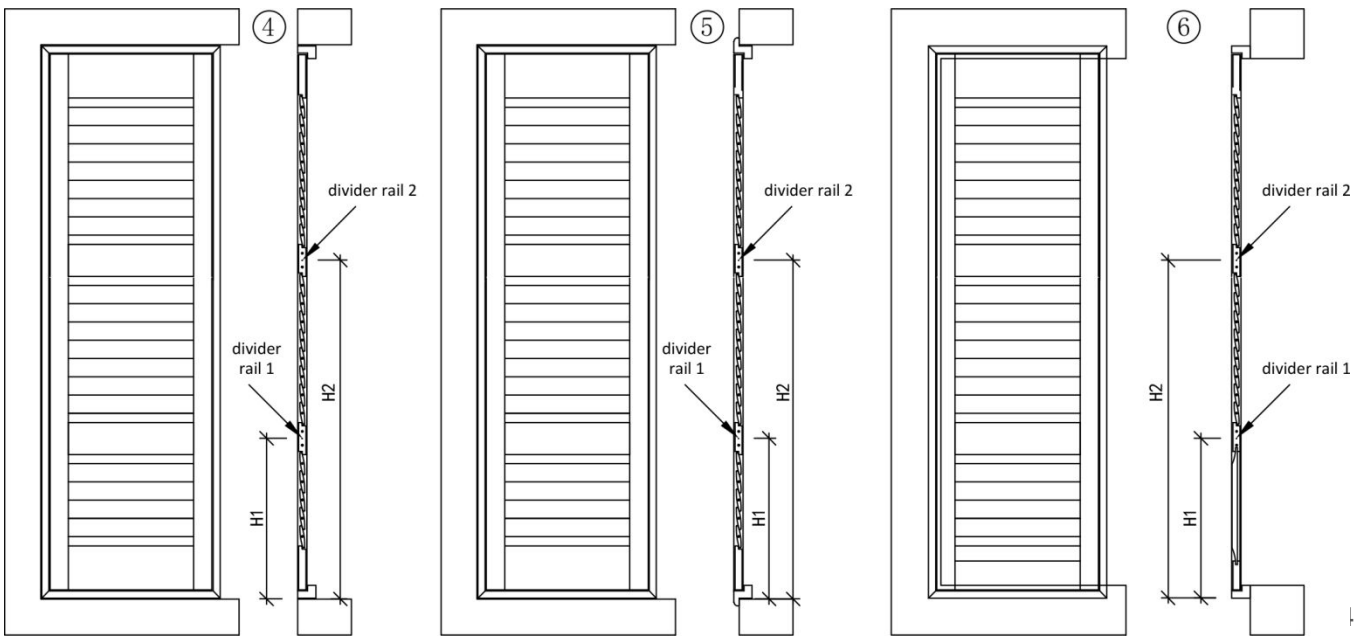
When the mount type is “Inside”, measurement starts from bottom of the opening to the center point of each divider.(same for all inside mount frames, such as L frames, Z frames. If only 1 divider is required, see H1 on drawing 1 and drawing 2.If two dividers are required, see H1,H2 on drawing 4 and drawing 5.)

When the mount type is “Outside”, Measurement starts from bottom of the frame to the center point of each divider. (same for all outside mount frames, such as L frames. If only 1 divider is available, see H1 on drawing 3.If two dividers are required, see H1,H2 on drawing6.)

1 divider(1-3)



2 dividers(4-6)

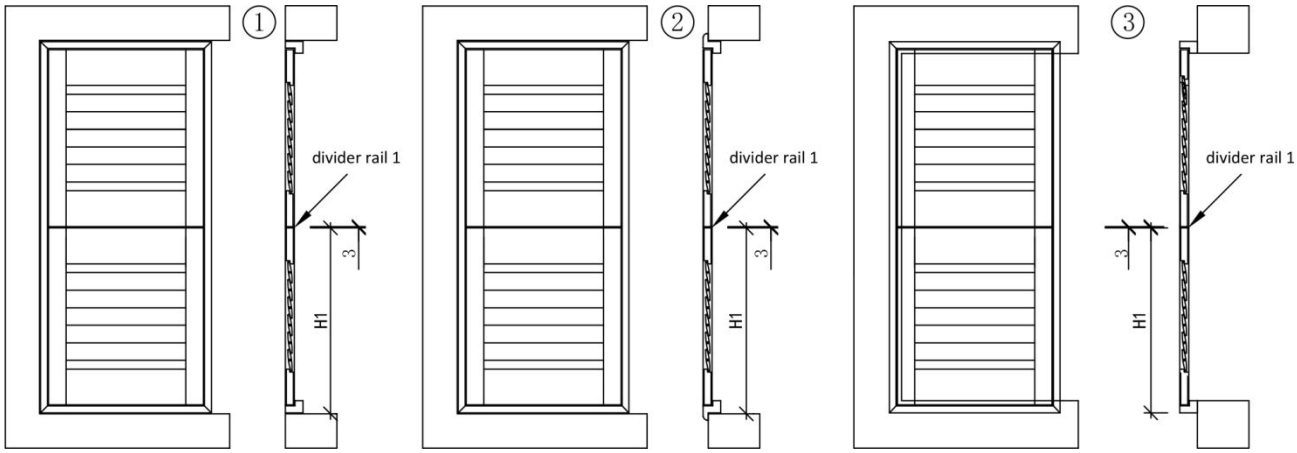


Height of Divider Rail

Tier on tier shutters

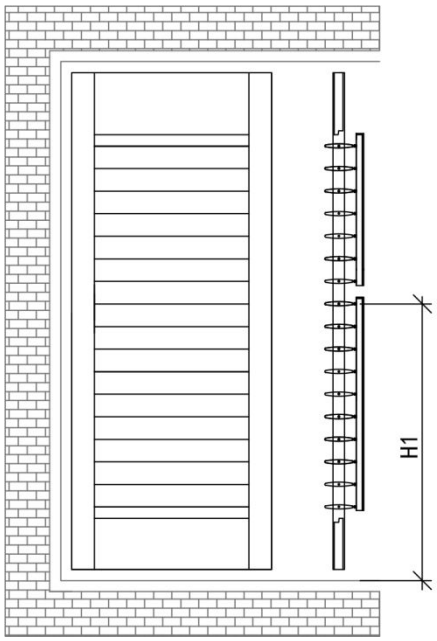
Please note, the break between top and bottom panels should always be filled in the column of “Divider-1” on the order form. If the mount type is inside, the break should be measured from the top of the bottom panels till the bottom of the opening. If the mount type is outside, the break should be measured from the top of the bottom panels to the bottom of the frame.
NOTE: No horizontal T Post available!

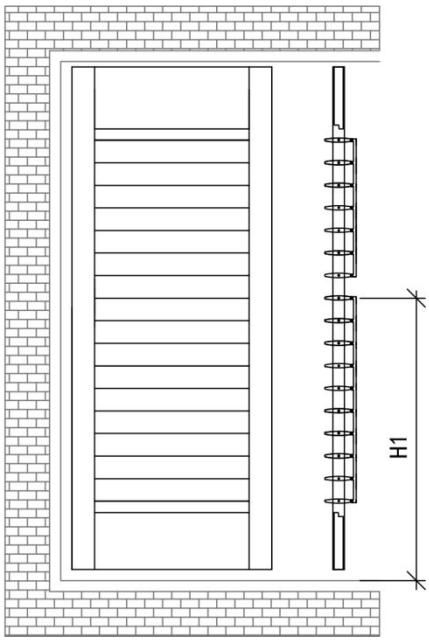
No horizontal T post (1-3)



Rod Split

Split tilt rod measurement: From the bottom point of the overall height (the bottom of the frame or floor) to the desired split height H1. Split tilt tolerance +- ½ Louvre

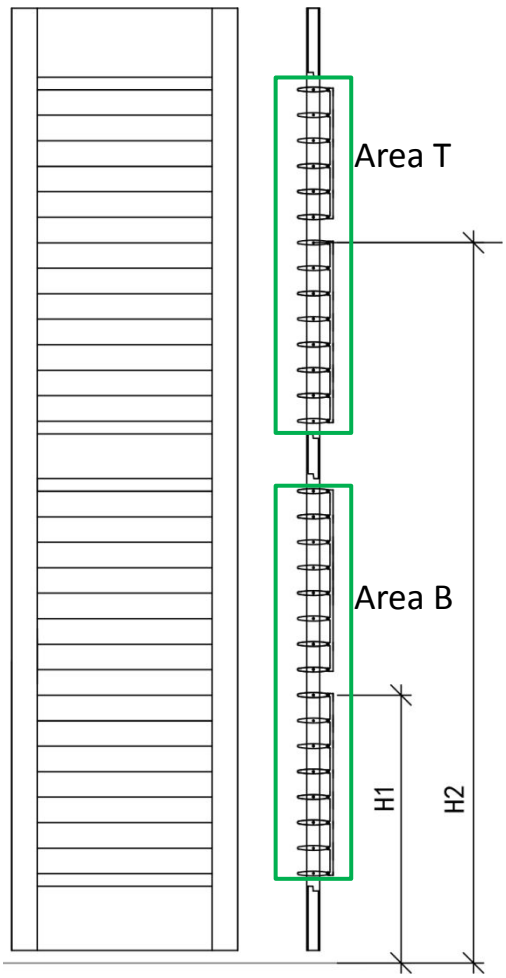




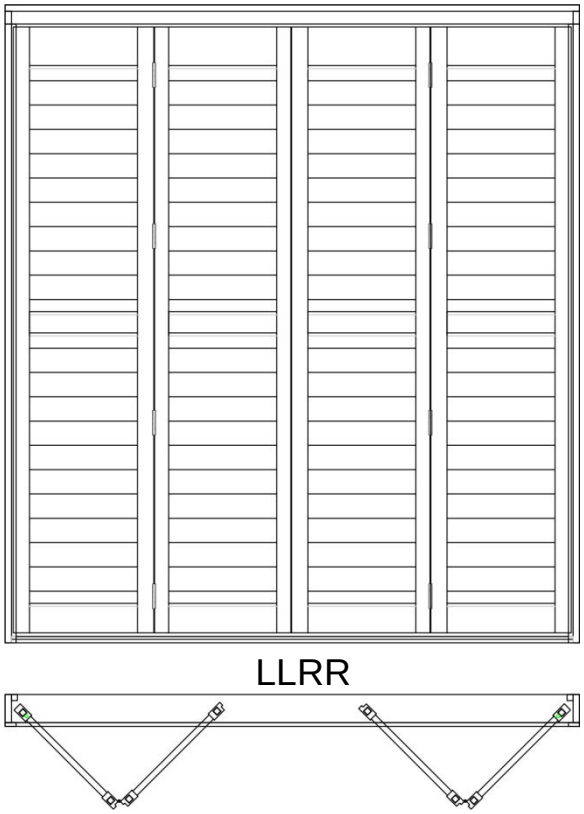
Hidden rods are split automatically when the number of louvers connected to the rod exceeds the following limits:

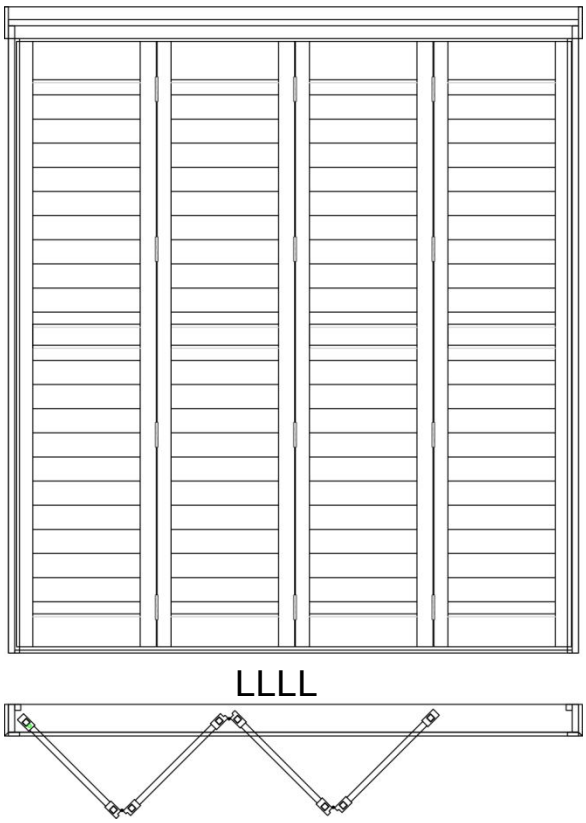
Louver size	Louver Quantity
88.9	>=12

If the louver quantity is odd,
the bottom rod will be longer than the top.
if the louver quantity is even,
the rod will be split in half.



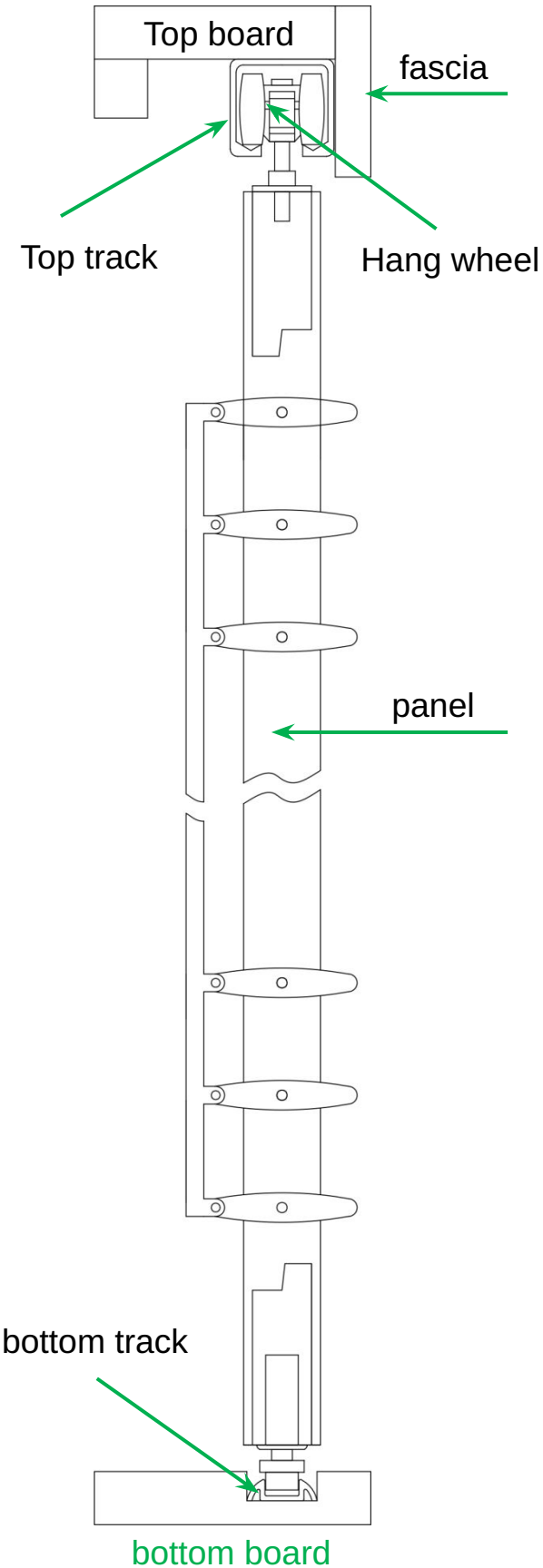
Installation Style & Config



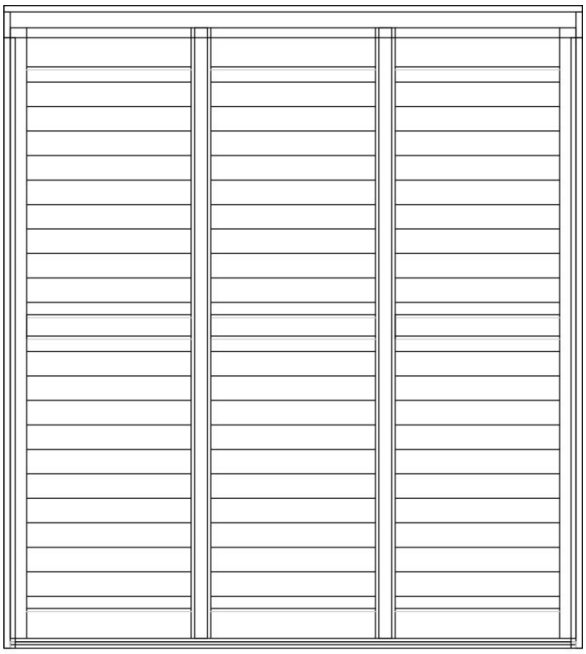


Track Bi-fold

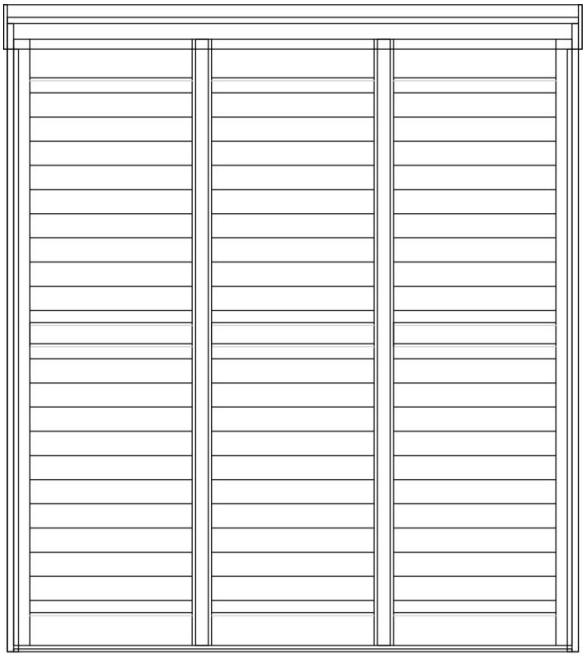
(side view)



Installation Style & Config

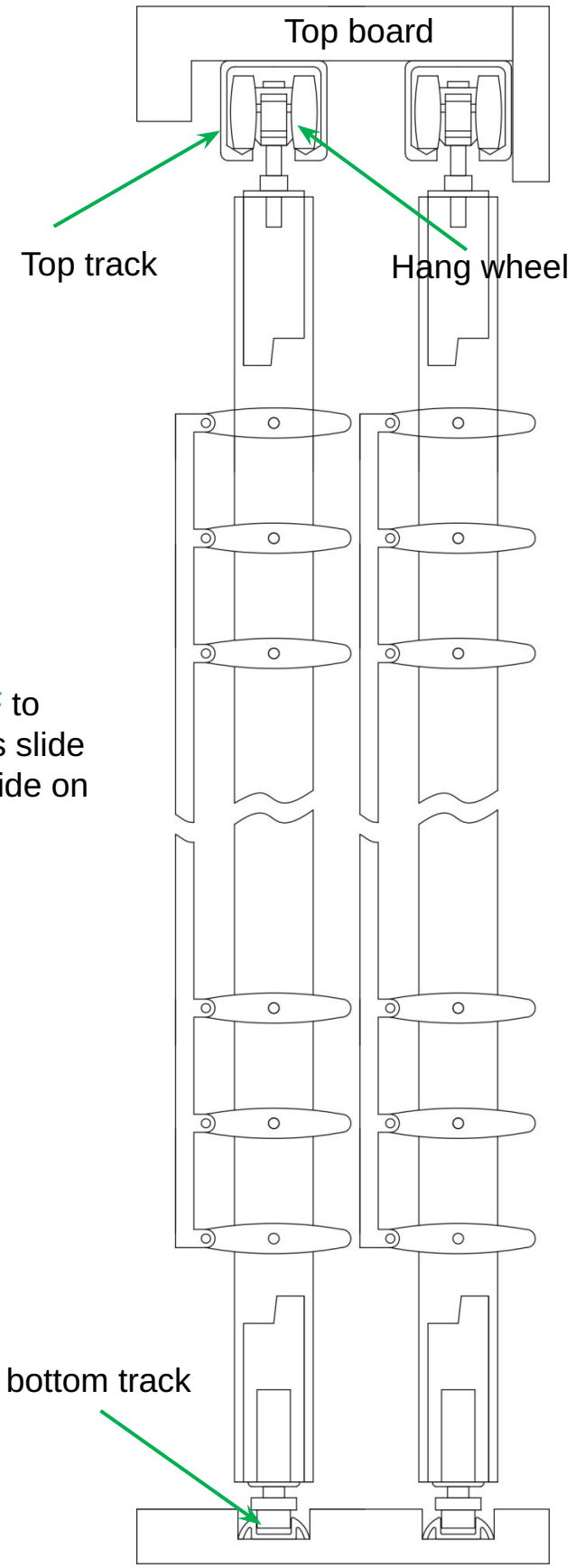


use B to represent back while using F to represent front,showing which panels slide on the front track and which panels slide on the back track.

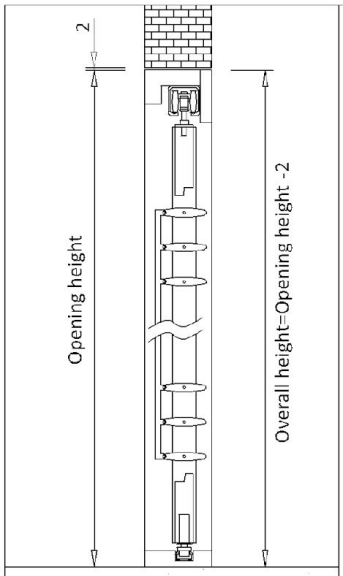


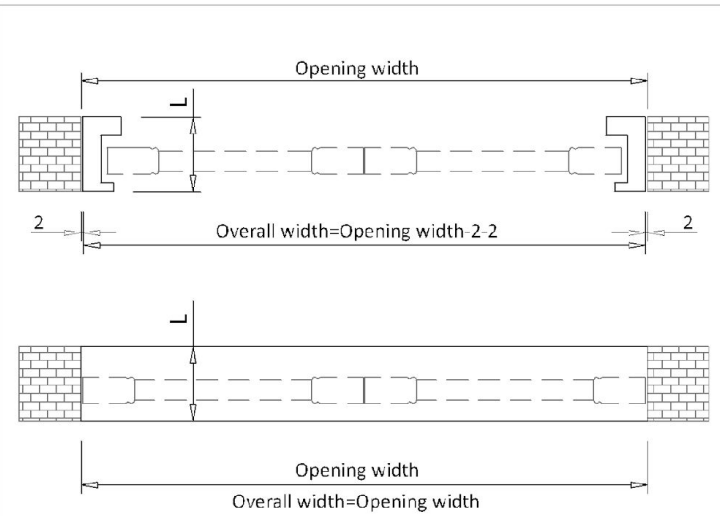
Track Sliding

(side view)



Overall Size for Track Bi-fold



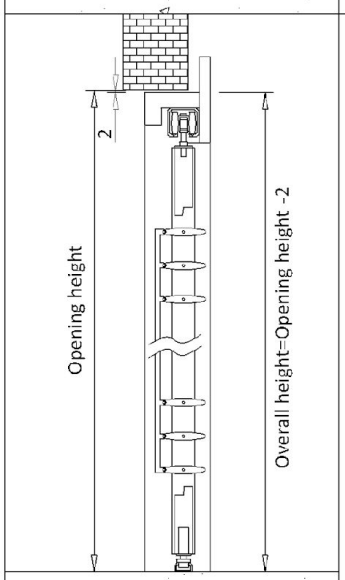


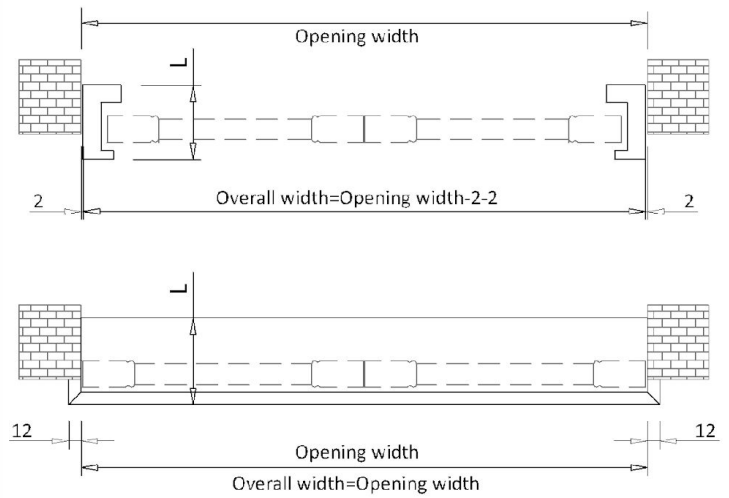
Mount in side frames: Yes

L=the minimum depth of frame

Louver size	depth
88.9mm	88mm

Mount in side frames: no



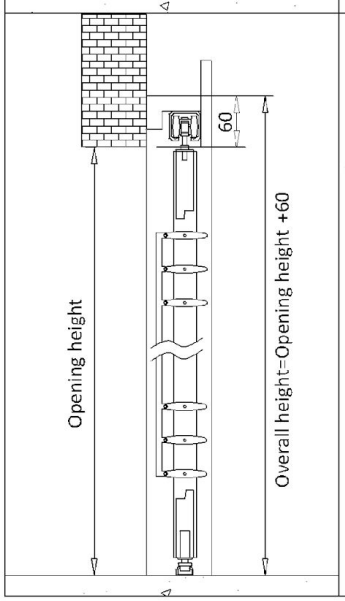


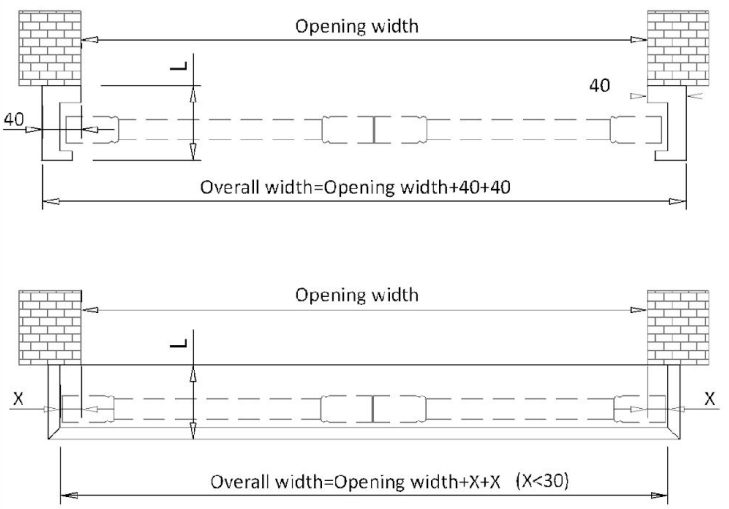
Semi-mount in side frames: Yes

L=the minimum depth of frame

Louver size	depth
88.9mm	88mm

Semi-mount in side frames: no





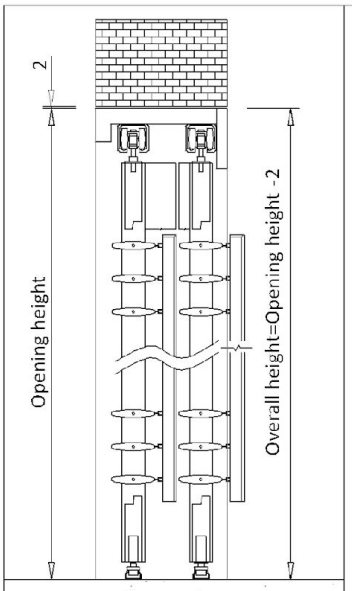
Mount out side frames: Yes

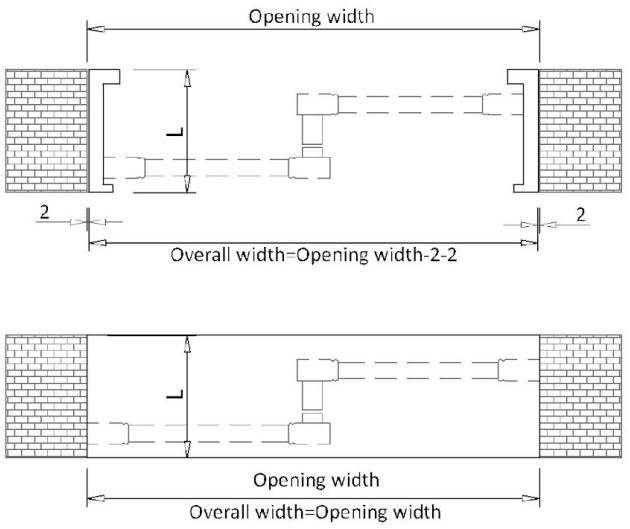
L=the minimum depth of frame

Louver size	depth
88.9mm	88mm

Mount out side frames: no

Overall Size for Track Sliding When Louver Open



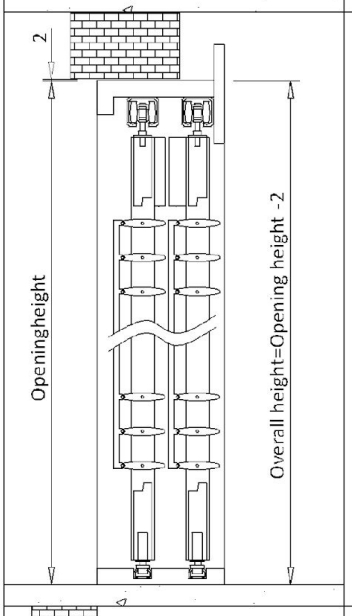


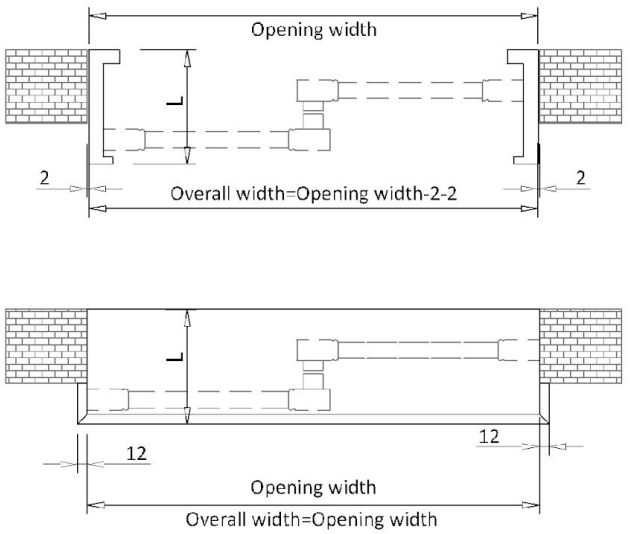
Mount in side frames: Yes

L=the minimum depth of frame

Louver size	depth
88.9mm	195mm

Mount in side frames: no



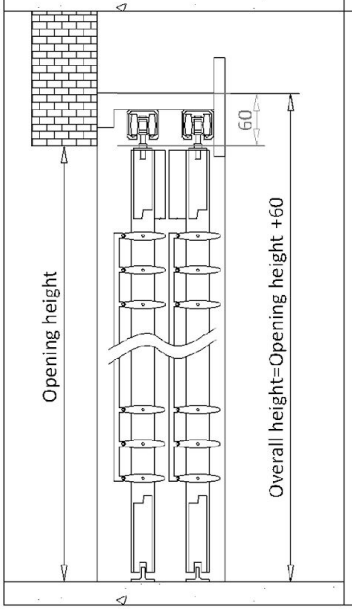


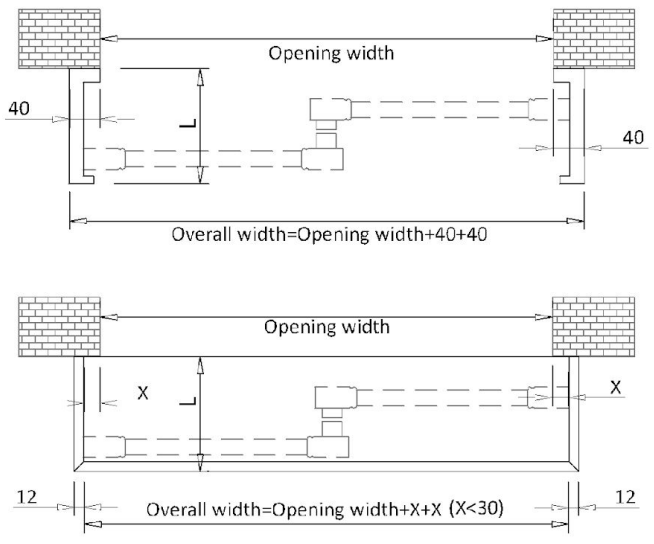
Semi-mount in side frames: Yes

L=the minimum depth of frame

Louver size	depth
88.9mm	195mm

Semi-mount in side frames: no





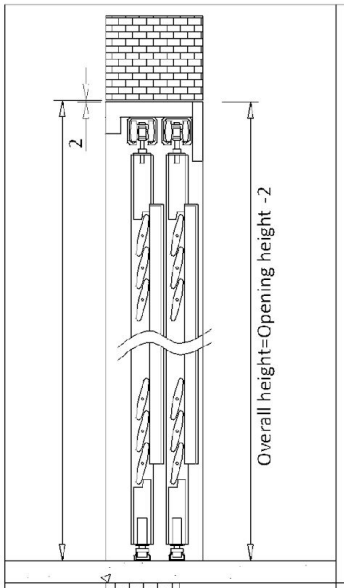
Mount out side frames: Yes

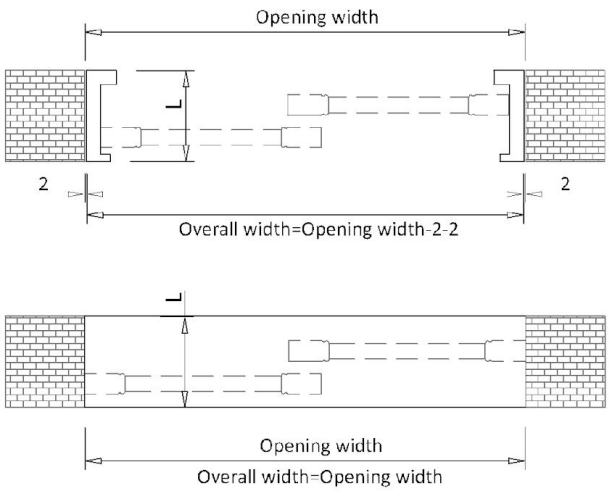
L=the minimum depth of frame

Louver size	depth
88.9mm	195mm

Mount out side frames: no

Overall Size for Track Sliding When Louver Closed



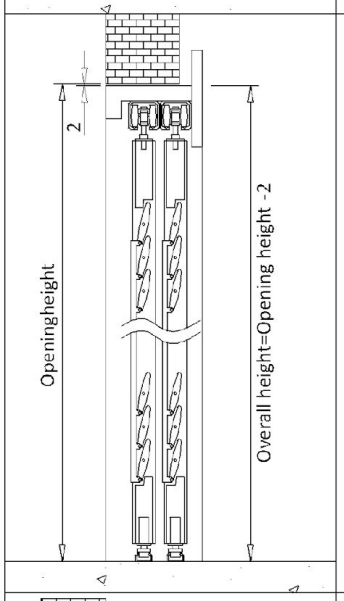


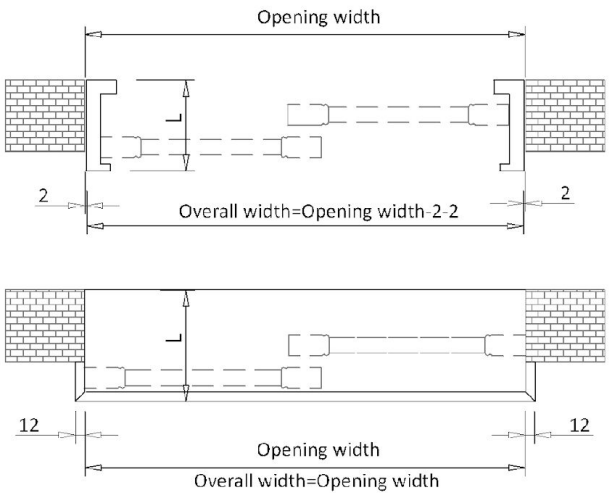
Mount in side frames: Yes

L=the minimum depth of frame

Louver size	depth
88.9mm	120mm

Mount in side frames: no



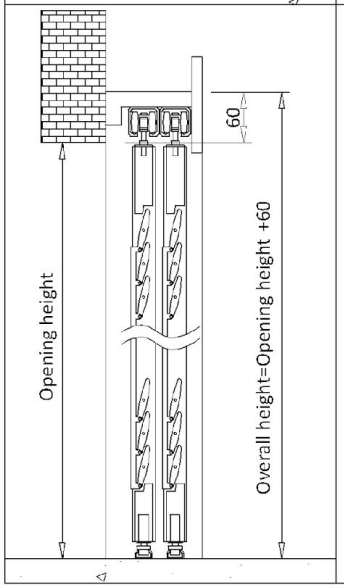


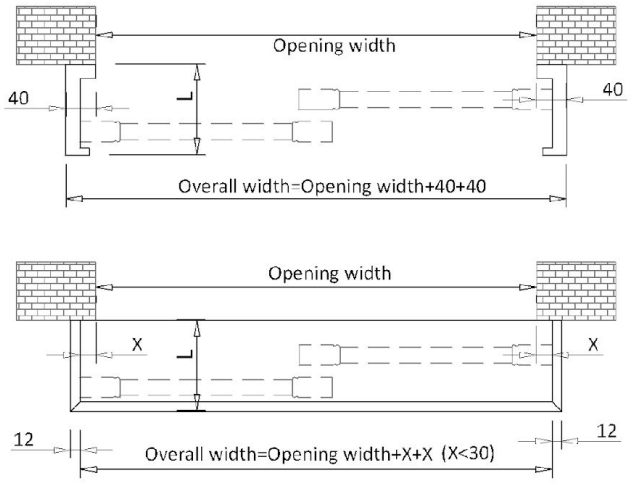
Semi-mount in side frames: Yes

L=the minimum depth of frame

Louver size	depth
88.9mm	120mm

Semi-mount in side frames: no





Mount out side frames: Yes

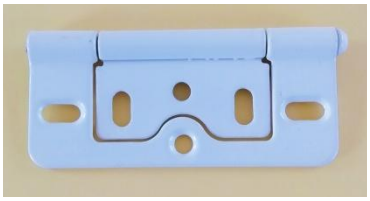
L=the minimum depth of frame

Louver size	depth
88.9mm	120mm

Mount out side frames: no

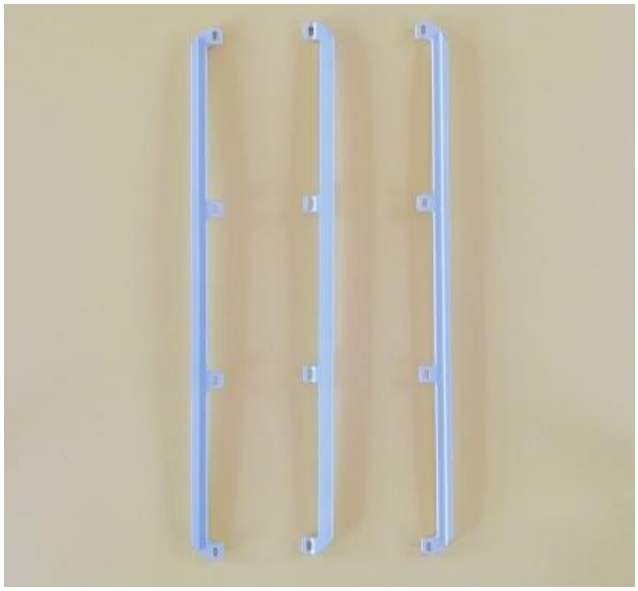
Hardware

Hinges



Self-mortise hinge 3’ (75mm)

Clearview Rod



L - shaped

We’ve tried to include the necessary technical information in this manual.

How to measure, how to correctly select the options from the drop-down box on the order form and how to avoid order mistakes.

The purpose of this manual is to help distributors easily understand our specifications and ordering system.

If you need any help please make contact with one of our support team.

We are constantly updating and improving so we appreciate any further suggestions from you.

https://www.betta-blinds.com.au