

Illumin8 Custom Shutter Specification				
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Track Shutters—Bypass

Guidelines and Specs:

Material: available for all shutter materials.

Stile: 41.3mm, 50.8mm, 57.1mm rabbet stiles are available,
Center stile is not available.

Panel size limitation: same as the normal shutter spec.

Size Definition:

Outside Mount

Max frame-to-frame width: window width + 76mm

Max frame-to-frame height: window height + 114mm

Semi-Inside Mount

Max frame-to-frame width: window width – 3.2mm

Max frame-to-frame height: window height + 35mm

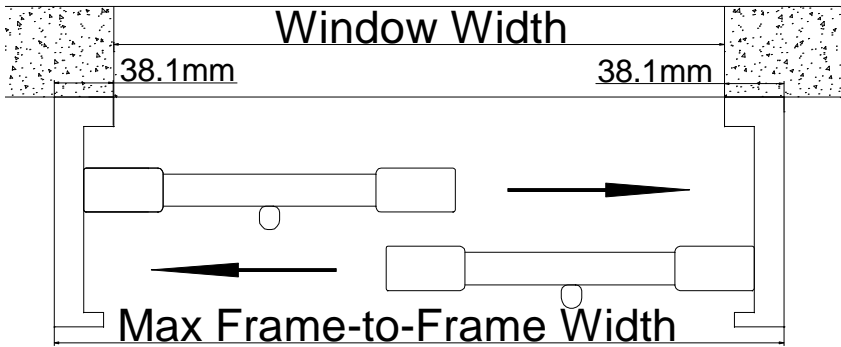
Inside Mount

Max frame-to-frame width: window width -3.2mm

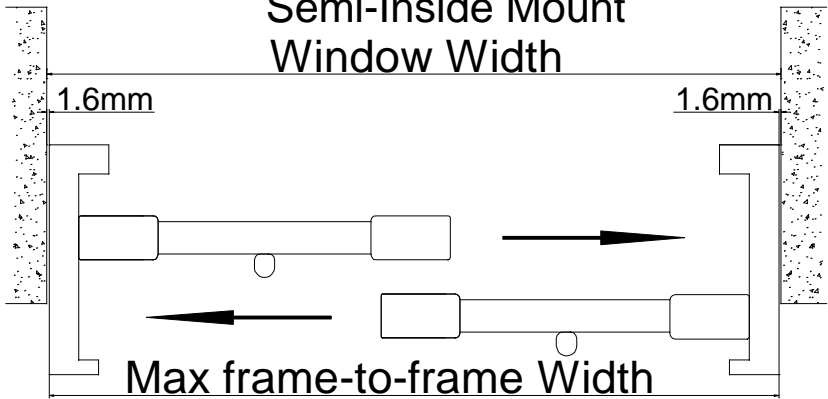
Max frame-to-frame height: window height – 3.2mm

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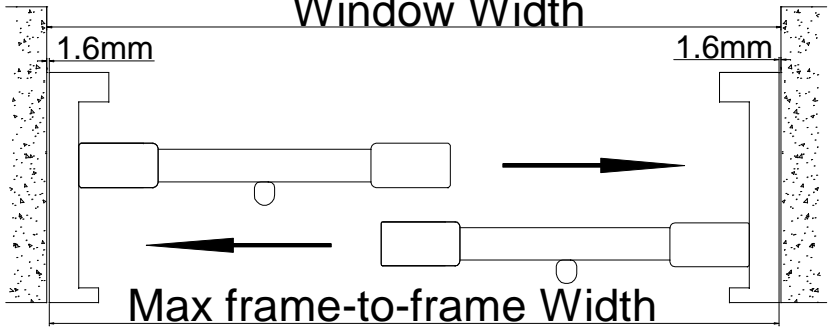
Top View
Outside Mount



Semi-Inside Mount
Window Width



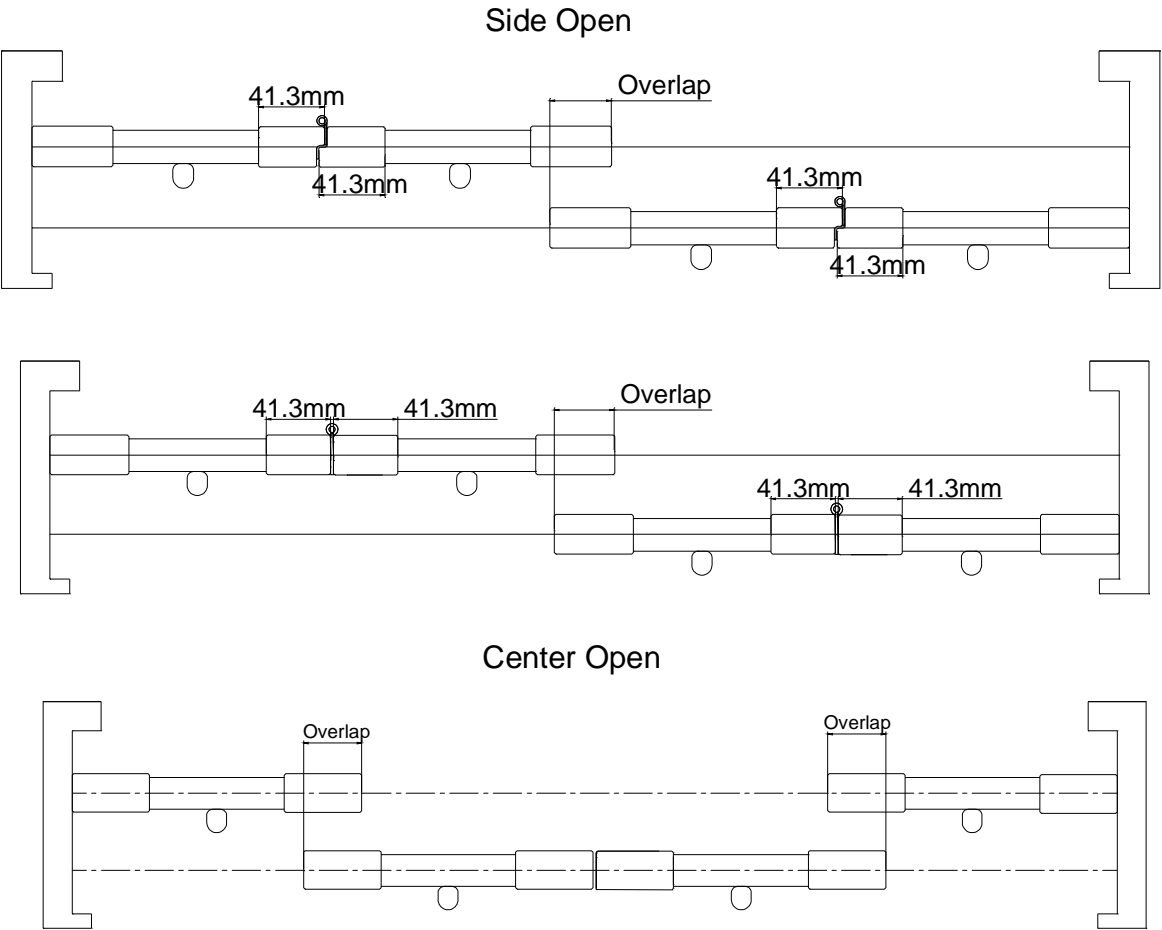
Inside Mount
Window Width



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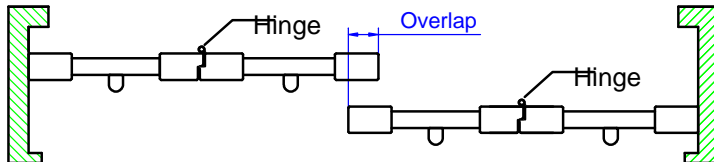
Top View

For shutters with 4 or more panels, please select “side open” or “center open” or “side Open”

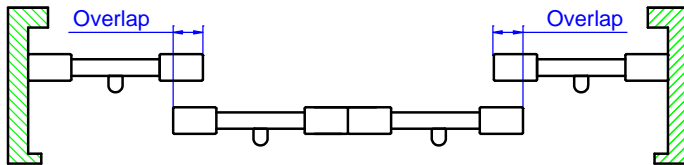


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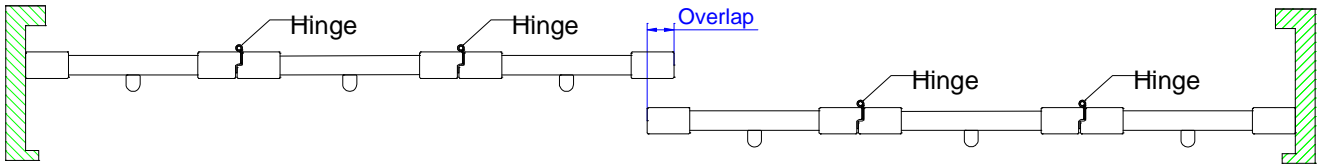
4 panels side open w/Rabbet stile



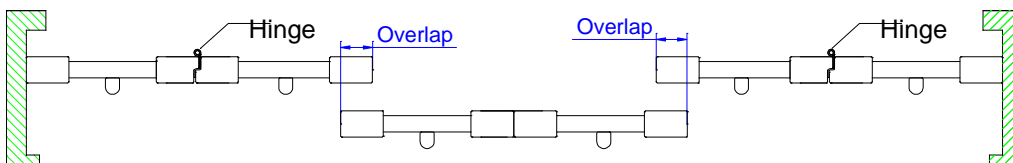
4 panels center open w/Rabbet stile



6 panels side open w/Rabbet stile



6 panels center open w/Rabbet stile



Notes:

The stile between hinged panels is 41.3mm stile.

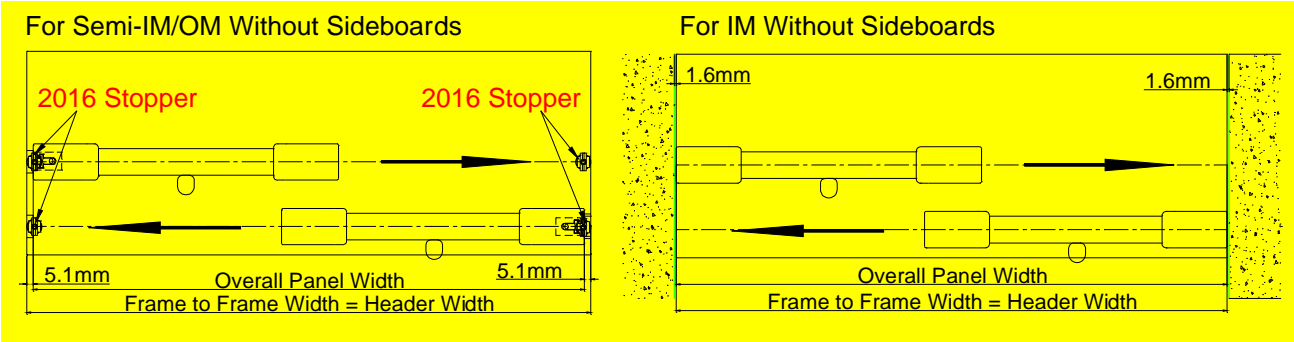
The stile between hinged panels is butt stile or rabbet stile as per ordered, and default butt stile between non-hinged panels.

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Size Definition

For Semi-Inside/OM without side boards

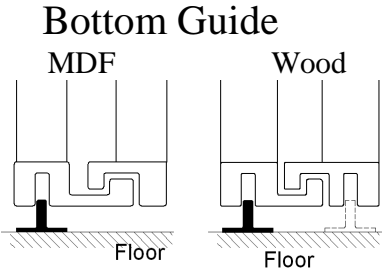
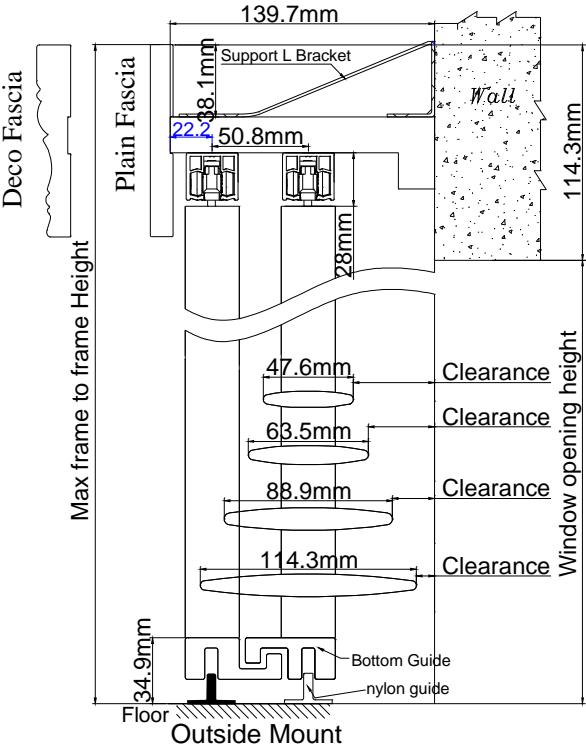
For IM without side boards



Note: For Semi-Inside/OM bypass without side boards but with fascia returns, 2016 Stopper will be supplied

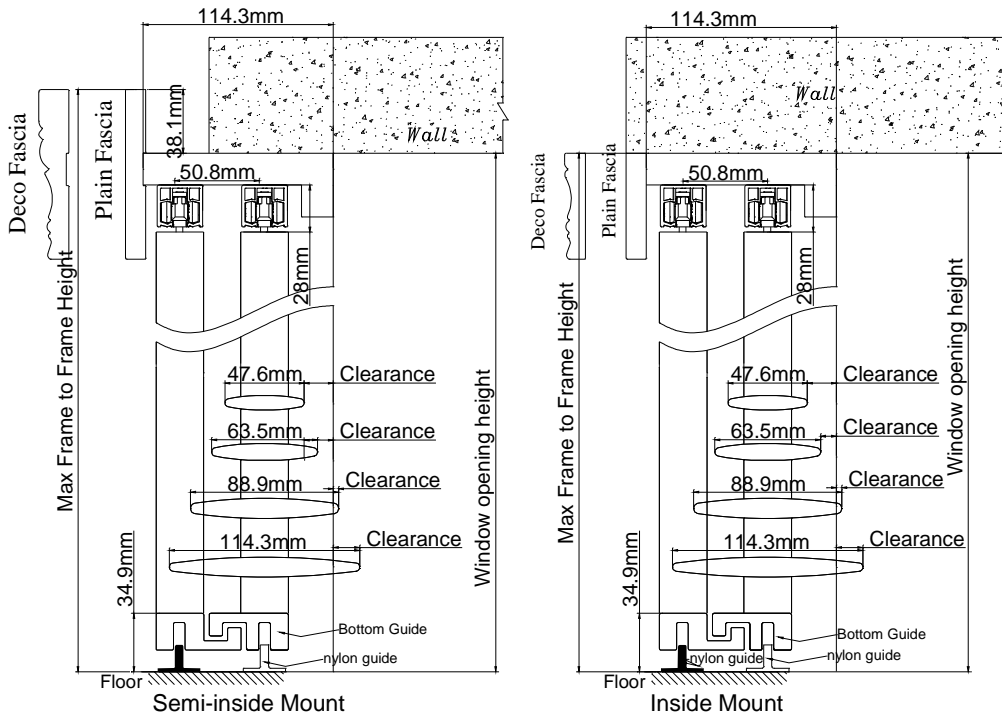
Mounting Options (Closed Bypass)

Side View

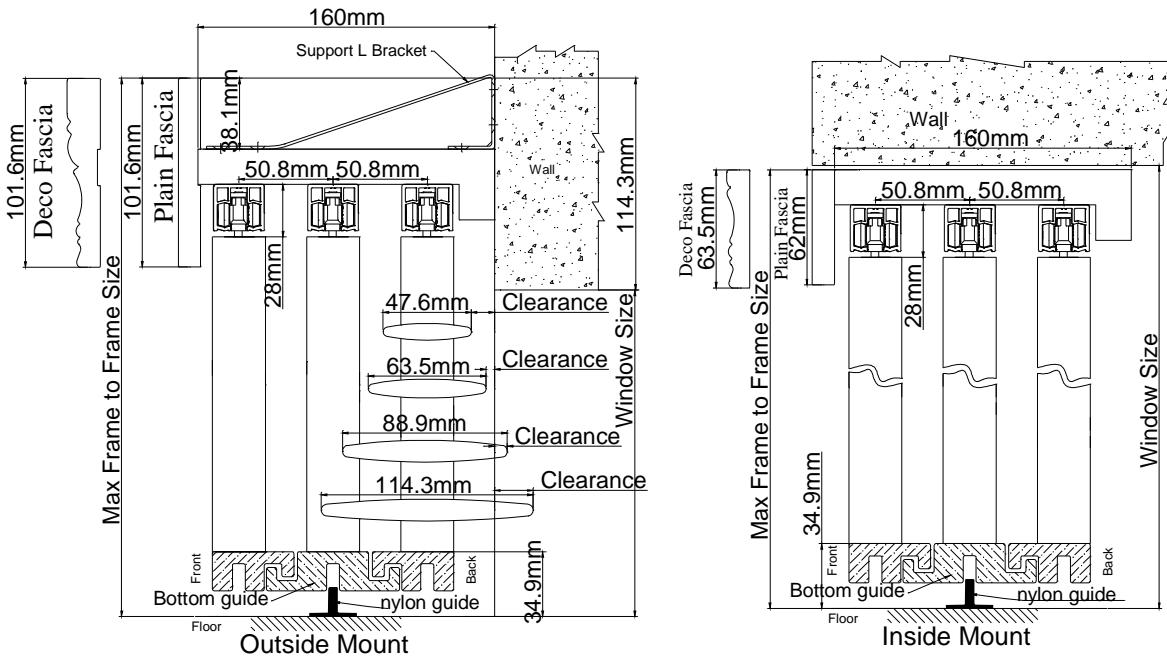


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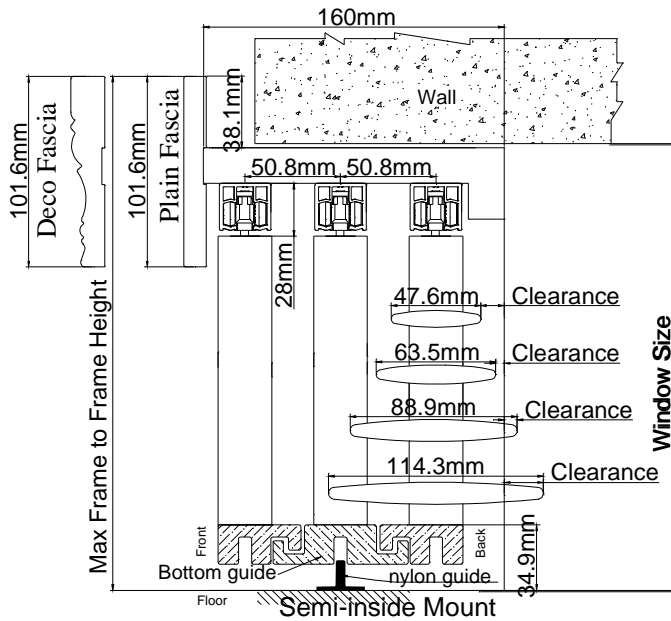
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Mounting Options (Closed Bypass with 3 Tracks): WOOD only

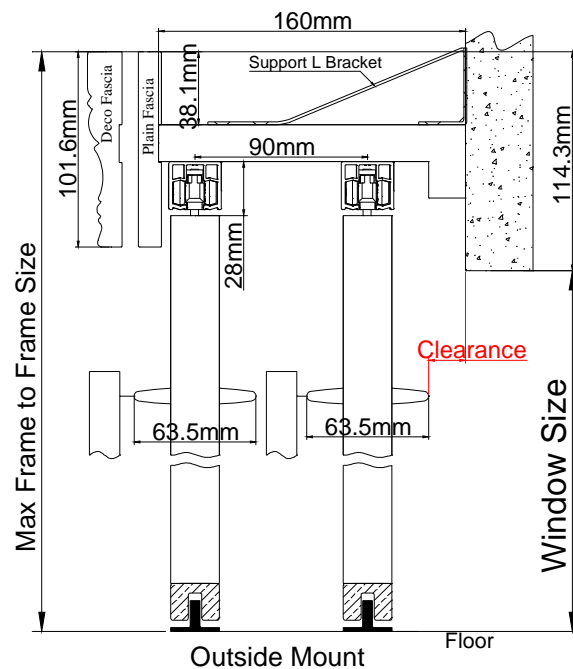


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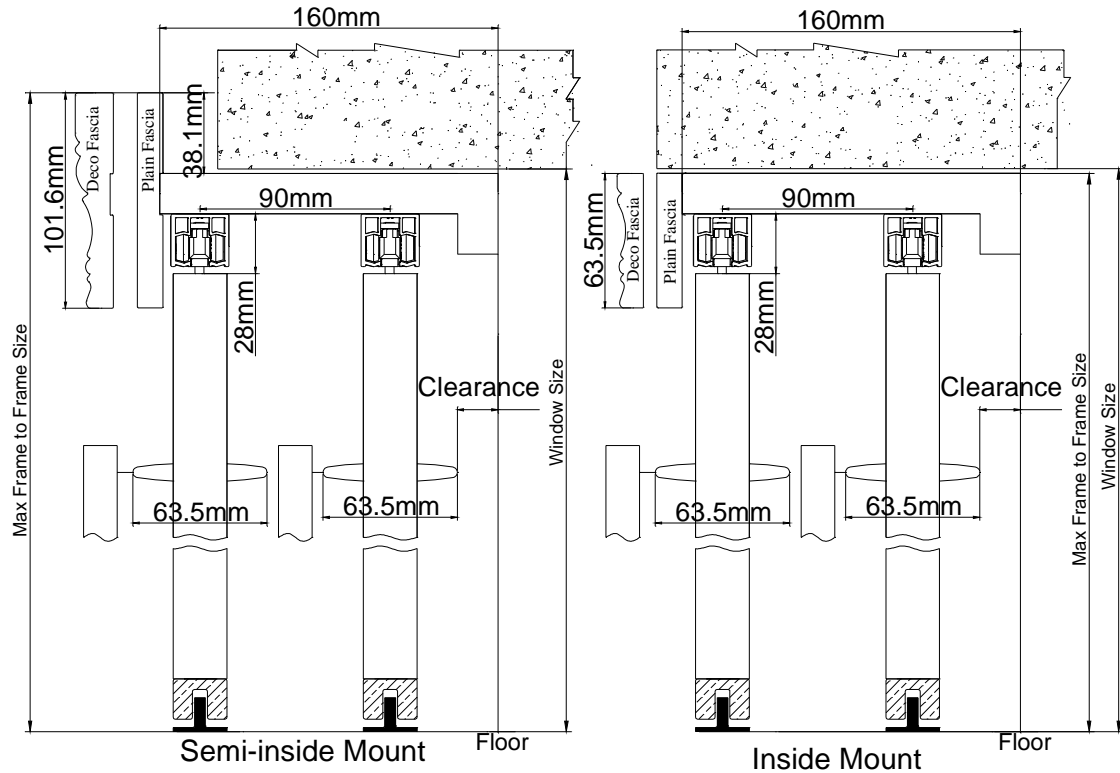
Mounting Options (Opened Bypass): Only available in 60mm, 63mm, 84mm and 89mm louvers.

60/63mm Louver

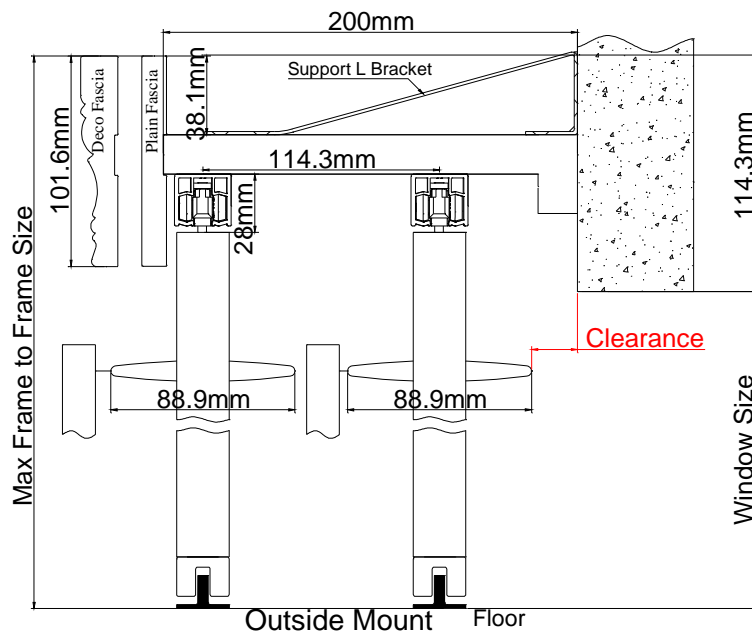


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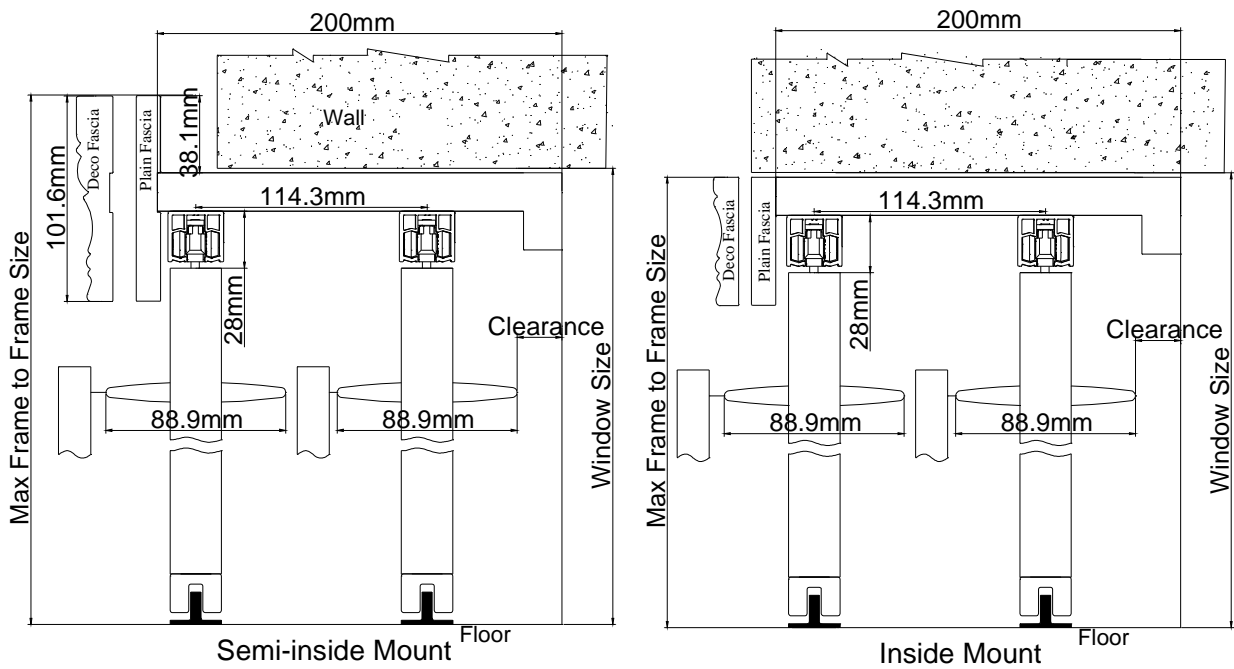
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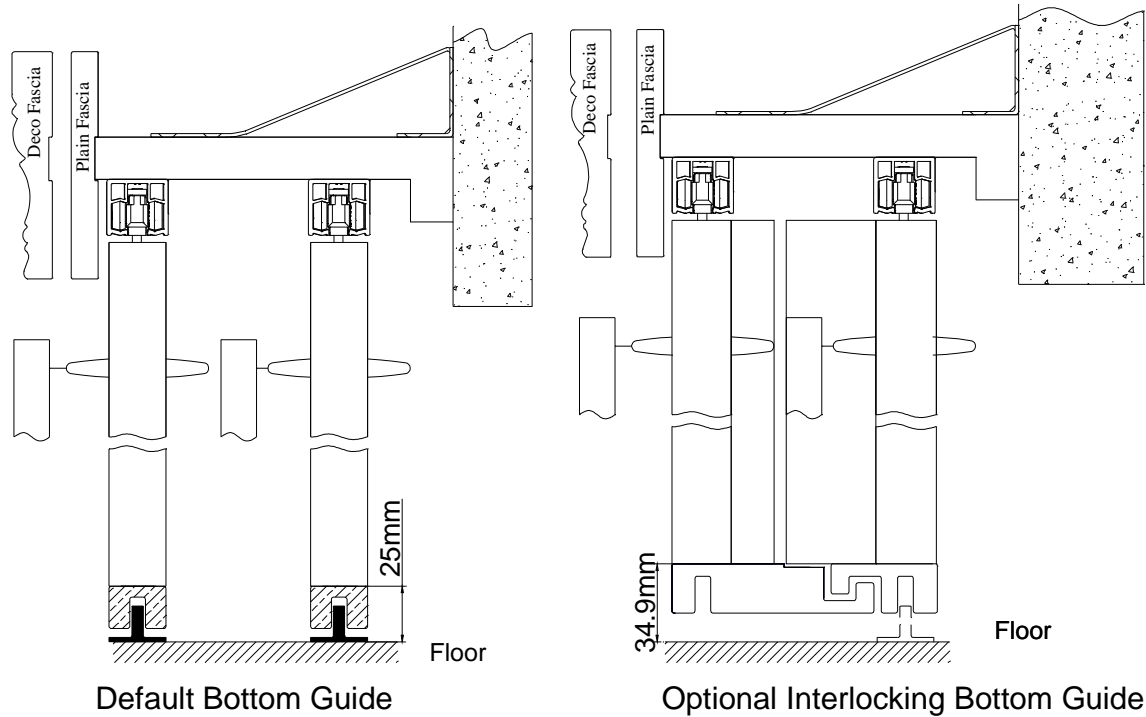
Mounting Options (Opened Bypass) 84/89mm Louver



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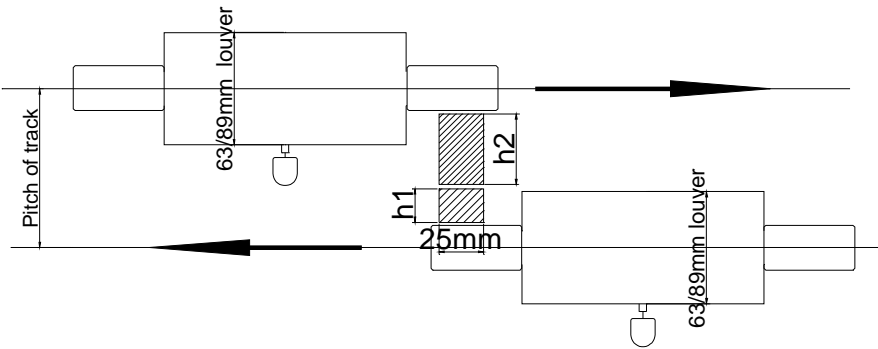
Bottom Guide for Open By Pass:



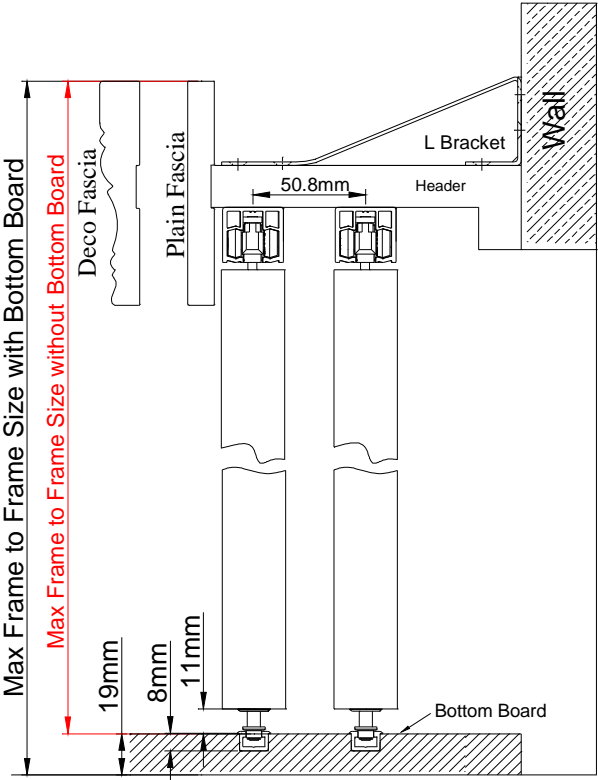
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Opened Bypass

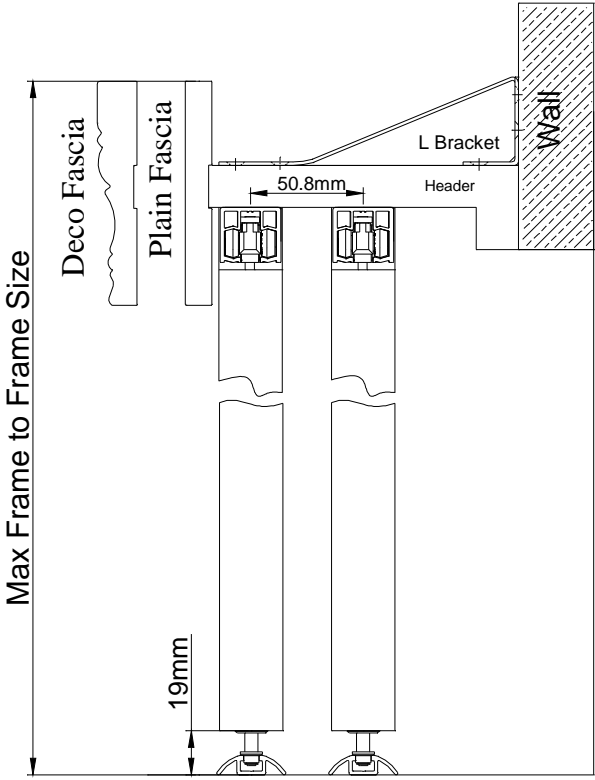
Top View



Bypass with U Bottom Track:



Bypass with M Bottom Track:



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Clearance:

Closed Bypass	Top Frame Size (mm)	Louver Size(mm)	Clearance(mm)
	139.7	47.6	42.9
		63.5	34.9
		88.9	22.2
		114.3	9.5
	114.3	47.6	17.5
		63.5	9.5
		88.9	-3.2
		114.3	-15.9
Closed Bypass with 3 Tracks	Top Frame Size (mm)	Louver Size(mm)	Clearance(mm)
	160	47.6	12.4
		63.5	4.4
		88.9	-8.3
		114.3	-21.0
Open Bypass	Top Frame Size(mm)	Louver Size(mm)	Clearance(mm)
	160	63.5	16.0
	200	88.9	19.0

Pitch of track:

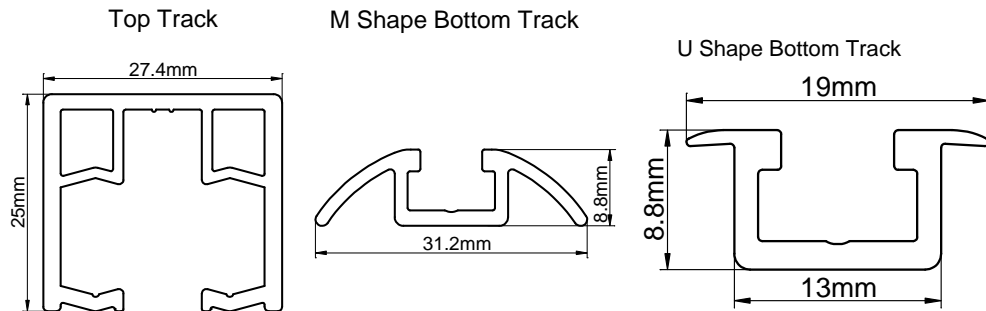
Louver	U shape bottom guide		Interlocking bottom guide	
	Standard Tilt Rod	Easy Tilt	Standard Tilt Rod	Easy Tilt
60/63mm	90mm	70mm	90mm	90mm
84/89mm	114mm	92mm	114mm	114mm

Light block thickness of panels:

Louver		U shape bottom guide		Interlocking bottom guide		
		Standard Tilt Rod	Easy Tilt	Standard Tilt Rod	Easy Tilt	
		WOOD&MDF&ABS	WOOD&MDF&ABS	WOOD&MDF&ABS	Wood	MDF&ABS
60/63mm	h1	19mm	19mm	19mm	19mm	40mm
	h2	40mm	19mm	40mm	40mm	19mm
84/89mm	h1	30mm	30mm	30mm	30mm	50mm
	h2	50mm	30mm	50mm	50mm	30mm

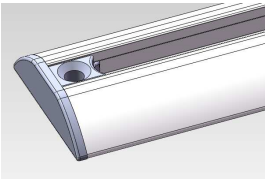
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Track Dimension:

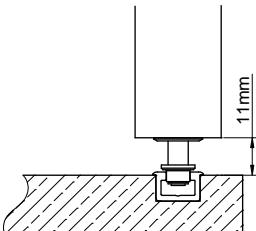


Note: If apply to U shape bottom track, the bottom board should be needed otherwise the customer need slot the floor to install the bottom track. Bottom Board width will be default same as the width of the U shape side frame.

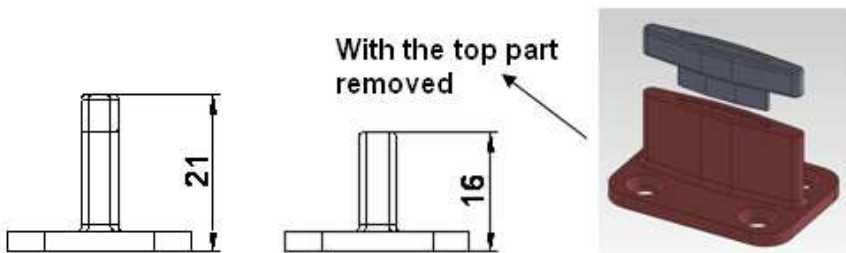
End Caps will be supplied for M shape bottom track for outside / semi-inside mount without side boards:



Deduction for U Shape Bottom Track: only available for full recess.



Nylon Guide(Running Change): The nylon guide is composed by 2 parts and will supplied as a whole set by default (bottom part 16mm and top part 5mm), please remove the top part if necessary.



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Track Shutters Framing Materials (For waterproof ABS, only plain fascia is available)

Framing	Size				Pc(s)
L Shape Header	Header (Closed Bypass)	Header (Opened Bypass)	Supporting Strip		1 pc
(2 in 1)	19mm x 140mm (Default for Outside Mount; Optional for Semi-Inside and Inside Mount)	19mm x 160mm (63mm Louver)	19mm x 19mm		
Header with Supporting Strip	19mm x 114mm (Default for Semi-Inside and Inside Mount; Optional for Outside Mount)	19mmx 200mm (89mm Louver)			
	Custom * ≤ 200mm	Custom * ≤ 200mm			
U Shape Side Frame	Side Frame (Closed Bypass)	Side Frame (Opened Bypass)	Supporting Strip	Side Fascia	2 pcs
(3 in 1)	19mm x 150mm (Default for Outside Mount; Optional for Semi-Inside and Inside Mount)	19mm x 169mm (63mm Louver)	19mmx 19mm	9.6mm x 32mm	
Side Frame with Supporting Strip & Side Fascia	19mm x 124mm (Default for Semi-Inside and Inside Mount; Optional for Outside Mount)	19mm x 210mm (89mm Louver)			
	Custom * ≤ 200mm	Custom * ≤ 200mm			
Top Fascia (Plain/Deco)	101.6mm (Semi-inside and Outside Mount)				1 pc
	12.7mm x 63mm (Inside Mount) 12mm x 62mm(Plain) (Inside Mount)				
Top Fascia Return	101.6mm(Semi-inside and Outside Mount)				2 pcs
	N/A (Inside Mount)				

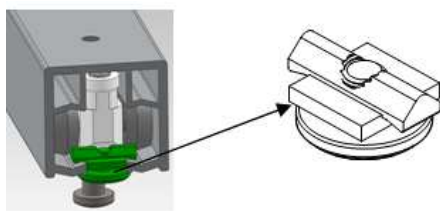
Note: For U shape bottom track with bottom board, the bottom board depth is 19mm and width will match with the width of U shape side frame.

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Hardware Box:

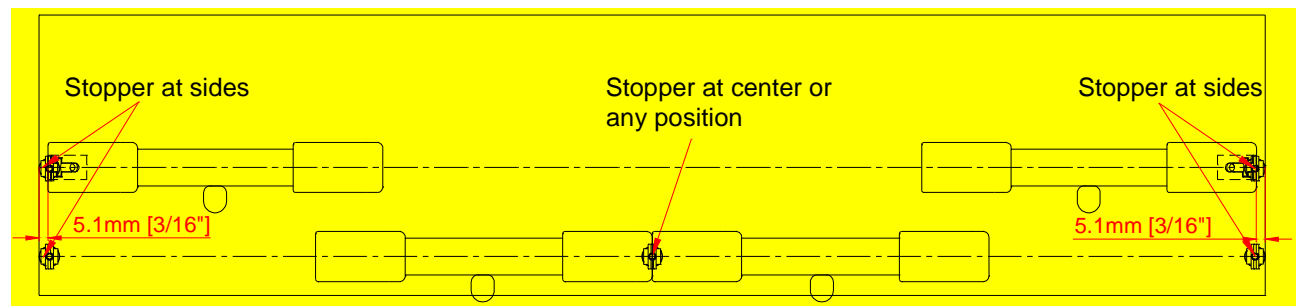
Hardware Box
Part
Wrench
Nylon Guide
19mm screws for Nylon Guide
Support L Bracket (based on the length of header)
63mm screws for support L bracket
19mm screws for support L bracket

The 2016 Stopper



For outside mount/semi-inside mount bypass without side boards but with fascia returns, the 2016 Stopper will be supplied by default. The gap between the fascia return and the panel is 5mm each side. The 2016 stopper can also be used in the center or any position of the top track as an option.

Please see drawing below to show the gap.



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The Claim Limitation Date for Shipping Damage for Airfreight Orders:

For all airfreight orders with shipping damages, claims must be submitted within 2 weeks after the date of receipt.