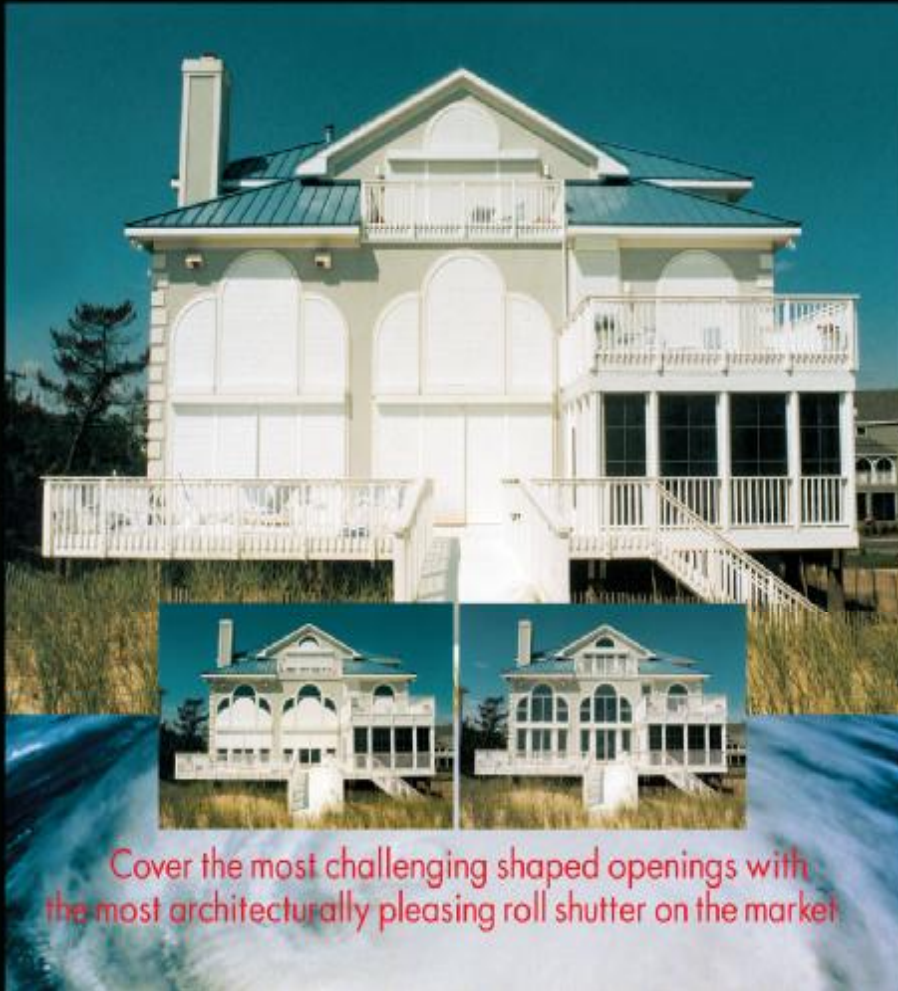




Any Size...Any Shape...Any Time



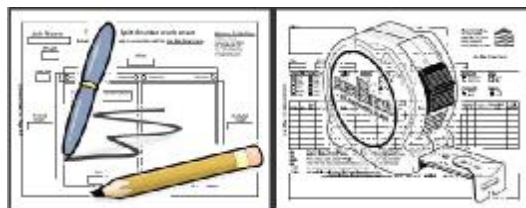
www.alutech.com

Cover the most challenging shaped openings with
the most architecturally pleasing roll shutter on the market

General Measuring Instructions

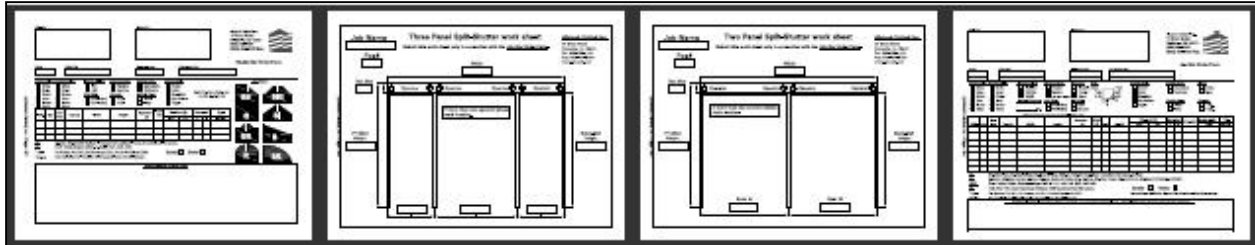
This manual is provided only as a quick reference guide. And is not for the sole purpose of every application and or every variance of shutter, for more help with measuring instructions please contacts your local sales representative.

Alutech assumes no responsibility for loss or damage resulting from improper measuring. Check local building codes before measuring. For hurricane rated shutters follow: Engineering Installation Instructions listed under individual Alutech products on www.florida buildingcode.org.

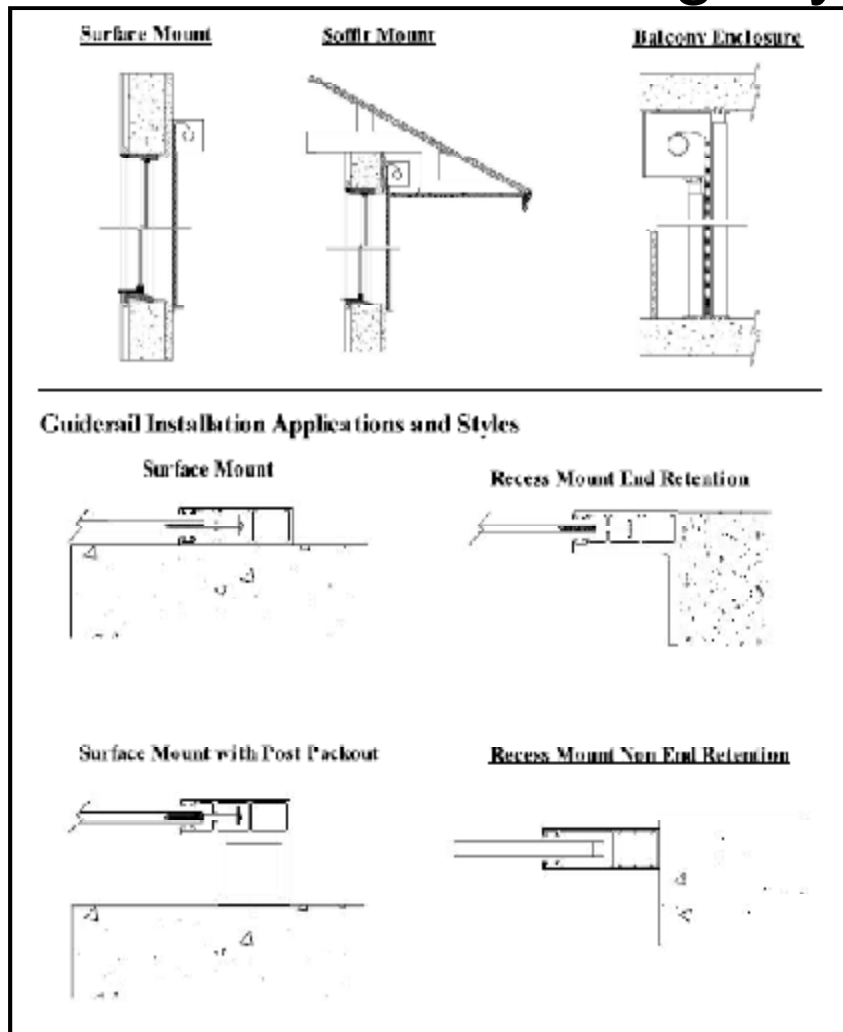


The Correct Measuring Sheet

Every Alutech Rolling Shutter is custom made based on your measurements. So please properly choose the correct order form for what product your are measuring , and follow the instructions on your order form to allow us to produce an accurate roll shutter.

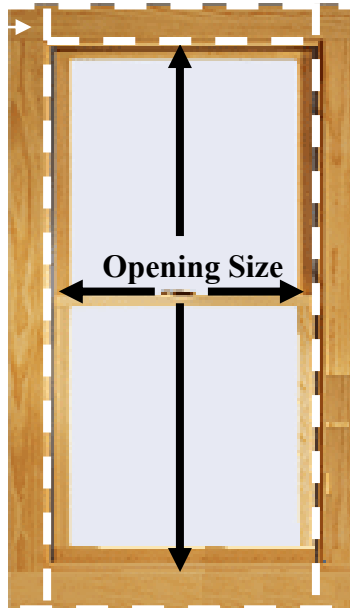


Choosing the Correct Mounting Style



Surface or Soffit Mounts

For exterior mounted options measure the clear opening, side to side and top to bottom, of the window or door.



Then you must add the correct clearance measurements needed for the side rails and shutter box, plus hang down of base slat in the rails of about 2”.

These dimensions vary depending on the type of shutter you are measuring for, but information can be found on these dimensions on pages 5 and 6.

Pack out is only used when you have a protruding object that extends past the window , like a sill , door handle, brick molding , etc... So when measuring any surface mount shutter also keep a visual of these objects , you can find more information on what pack out sizes we carry in your copy of the dealer book.

Examples:



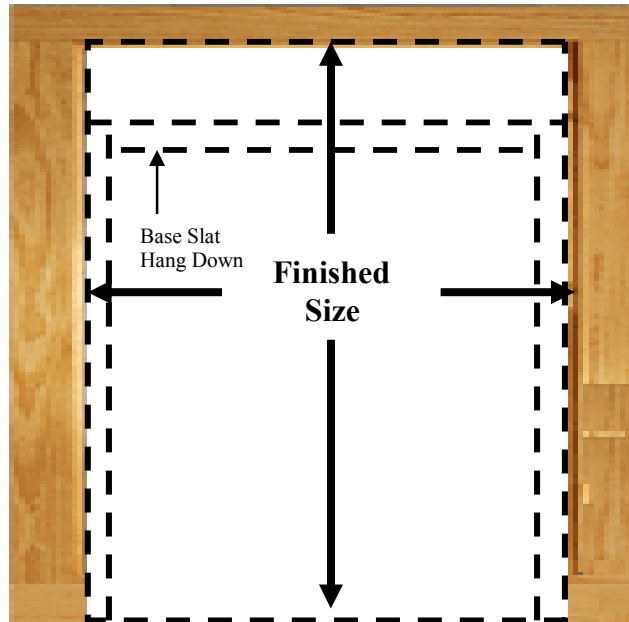
Surface Mount



Soffit Mount

Recess or Balcony Mounts

For trapped/recessed mounted options measure the opening, side to side and top to bottom.



Then you must NOT add anything to the measurements as these are your finished shutter size, but in good practice try and subtract about 1/8" from opening sizes to leave room for unlevel structures.

If needing side rail dimensions or box sizes to try and figure out what visible area may be blocked, then that information can be found for these dimensions on pages 5 and 6.

Pack out may be needed in these cases for a couple different reasons , first if the shutter is a end retention product then its required to have pack out since recess predrill of the side rails on these applications can interfere with daily operations , second if the outside walls are out of level you may require pack out to mount the rails to a level surface. You can find more information on what pack out sizes we carry in your copy of the dealer book.

Examples:

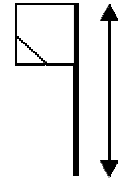


Housing Size Chart

- All Dimensions in Inches
- 45° and 90° Boxes
- 90° Box only available in White & Brown






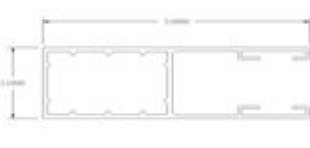
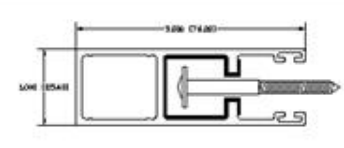

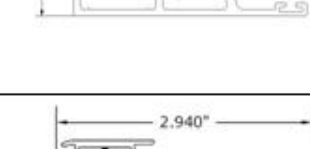
Max. Guide Rail Height



Max. Overall Height
This includes slat hang down

Slat Profile	Box Size	Axle			Axle			
		40mm	60mm	70mm	40mm	60mm	70mm	
RC-37	5 1/2	59 3/4	40 1/2		65 1/4	46		
	6 1/2	90 3/4	66 1/2		97 1/4	73		
	7	112	82		119	89		
	8	132 1/2	121		140 1/2	129		
	9		146			155		
	10		179			189		
		40mm/50mm	60mm	70mm	40mm/50mm	60mm	70mm	
RC-40 RCE-40	5 1/2	41 1/2	30 1/2		47	36		
	6 1/2	65 1/2	49 1/2	43 1/2	72	56	50	
	7	81	65	57	88	72	64	
	8	111	96	88	119	104	96	
	9	148	139	128	157	148	137	
	10	178	165	159	188	175	169	
	12	255	228	229	267	240	241	
		40mm	60mm	70mm	40mm	60mm	70mm	
RC-55	7		39	24		46	31	
	8		50	55		58	63	
	9		73	66		82	75	
	10		97	102		107	112	
	12		141	118		153	130	
		40mm/50mm	60mm	70mm	40mm/50mm	60mm	70mm	
Barracuda 42 Non-Retention	5 1/2	45 1/2			51			
	6 1/2	76	66 1/2	63 1/2	82 1/2	73	70	
	7	93	88	82	100	95	89	
	8	142	130	122	150	138	130	
	9		182	168		191	177	
		40mm/50mm	60mm	70mm	40mm/50mm	60mm	70mm	
Barracuda 42 - Retention	6 1/2	67 1/2	60 1/2	58	74	67	64 1/2	
	7	87	85	82	94	92	85	
	8	124	111	105	132	119	113	
	9		156	150		165	159	
	10		204	188		214	198	
Security Star - Retention	12			300			312	
			40mm/50mm	60mm	70mm	40mm/50mm	60mm	70mm
	5 1/2	54 1/2	44 1/2		60	50		
	6 1/2	83 1/2	73 1/2	77 1/2	90	80	84	
	7	123	113	105	130	120	112	
Security Star Single Wall Non-Retention	8	172	162	154	180	170	162	
	9	231	221	210	240	230	219	
	10							

Side Rail Options with allowable slat profiles

	Part Reference	Description
	H25 Guide Rail	2 1/8" Mini Guide Rail Applicable Slats: RC*40, US*40, RCE*40 w/ 4mm Brush Insert. Accepts all 5 1/2" thru 10° 90° End Caps. Accepts all 5 1/2" thru 10° 45° End Caps
	H40 Guide Rail	2 5/8" Mini Guide Rail Applicable Slats: RC*40, US*40, RCE*40 w/ 4mm Brush Insert. Accepts all 5 1/2" thru 10° 90° End Caps. Accepts all 5 1/2" thru 10° 45° End Caps.
	Maxi Rail	2 5/8" Maxi Guide Rail Applicable Slats: RC*55 and RCE*60 w/Vinyl or Brush inserts. Accepts all 6 1/2" thru 10° 90° End Caps. Accepts all 6 1/2" thru 10° 45° End Caps
	Super Maxi Rail	3" Maxi Guide Rail Applicable Slats: RC*55 and RCE*60 w/Vinyl or Brush Inserts Accepts 10° & 12° 45° End Caps only
	Barracuda I Rail System	3" Mini End-Retention System Rail Applicable Slats: Barracuda 42 w/ Vinyl AND Brush Inserts. Accepts all 6 1/2" thru 10° 90° End Caps. Accepts all 6 1/2" thru 10° 45° End Caps.
	Barracuda II Rail System US. Patent #5,839,493	3" Mini End-Retention System Rail Applicable Slats: Barracuda 42 w/ Vinyl AND Brush Inserts. Accepts all 6 1/2" thru 10° 90° End Caps. Accepts all 6 1/2" thru 10° 45° End Caps. *** Now available with PVC Insert.
	Barracuda III Rail System Patent Pending	3" Mini End-Retention System Rail w/ Removable Cap Applicable Slats: Barracuda 42 w/ Vinyl AND Brush Inserts. Accepts all 6 1/2" thru 10° 90° End Caps. Accepts all 6 1/2" thru 10° 45° End Caps. *** Available Spring 2010.