

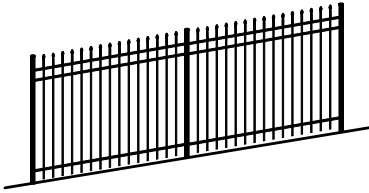
Section Racking Help Sheet



CourtYard®
ALUMINUM FENCING

For CourtYard® Aluminum Fencing

Racking



One thing to consider when racking a fence is the post. The more a section is racked, the more the horizontal rails will not be in a straight line.

For Example: (1) 6' section of 0131 needs to be raised 10"
 $10'' \text{ divided by } 72'' = .139'' \text{ rise per inch}$
 $.139'' \times 2'' \text{ (post size)} = .278''$

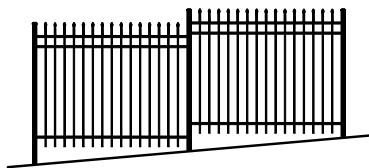
This means one side of the post should have the holes routed down a quarter inch lower than the other. If it is not routed like this, the rails will have a stair step to them.

When a horizontal rail goes into a post at an angle, the hole may have to be elongated in the field. The rails can usually be raised about 6" before the holes need to be elongated.

Make sure your posts are not set too far apart. Test this with a section of fence.

	Hundred Series	1000 Series	2000 Series
Standard Sections	Rack 20" in 6'	Rack 20" in 6'	Rack 17" in 8'
Double Punch Sections	Rack 40" in 6'	Rack 35" in 6'	Rack 26" in 8'
Sections with Rings	Rack 10" in 6'	Rack 10" in 6'	Rack 10" in 8'
Flat Top Sections with Puppy Picket or Double Picket to Mid-Rail Options	Rack 20" in 6'	Rack 20" in 6'	Rack 13" in 8'
Non Flat Top Sections 36" and 42" Heights with Puppy Picket Option	Rack 20" in 6'	Rack 20" in 6'	Not Available
Non Flat Top Double Punch Sections 48" Heights and Above with Puppy Picket Option	Rack 40" in 6'	Rack 35" in 6'	Rack 26" in 8'

Stair Stepping



Stair stepping is another option that can be used instead of racking. Sometimes it even looks better. If stair stepping is desired, order end posts and rout the holes on the other side of the post in the field. If the stepping is 6" or more, you may want to order longer posts.

Standard Sections can be used for stair stepping.



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