

Section Racking Help Sheet



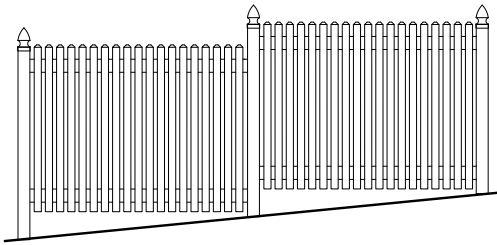
Polyvinyl
VINYL FENCING

For Polyvinyl Vinyl Fencing

Stepped VS Racked

Installing fence on uneven ground, hills, and slopes can be challenging. In most cases there are two installation options for uneven terrain: Stair Stepped or Racked.

Stair Stepped



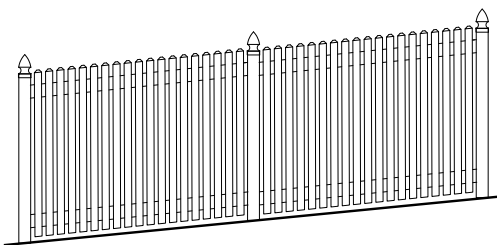
With this method rails remain horizontal with posts being adjusted to accommodate changes in the grade of the ground.

When completed the fence will have the appearance of stairs, increasing or decreasing in height as the grade increases or decreases. Using this method may create gaps which could allow pets to escape and small animals access to your yard. If you need the fence secure for pets and animals or for aesthetic purposes, you may want to fill in the gaps. This can be done by adding raised planters, bushes, or other landscaping.

Sections: Standard sections work best with Stair Stepped installations.

Posts: When using a Stair Stepped installation you should order end posts (instead of line posts) and rout the opposite side holes in the field. If the stepping is 6" or more, you may need to order longer posts.

Racked



With this method posts are plumb, and the rails are attached at an angle that matches the changes in the grade of the ground. Each style of fencing has different standard racking capabilities for ease of installations.

When completed the gaps between the pickets and the ground should be similar. This creates a uniform appearance and creates a barrier to keep pets inside and other small animals outside.

Sections: See the next page for a list of styles with specific standard racking information as well as options for installations that require racking above the standard racking capabilities.

Posts: The more a section needs to be racked, the more the rails will not be in a straight line. This means one side of the post should have the holes routed lower than the other side (post may need to be turned for installation depending on the racking). Use the equation below to determine how much lower to rout the holes.

_____ (in inches)	\div	_____ (in inches)	$=$	_____ (in inches)
Amount of Racking		Length of Section		Rise Per Inch
Example: Tri-Max II needs to be racked 10"			\times	_____ (in inches)
				Width of Post
$10 \div 96 = .105$				Additional Amount to Lower Top Rout
$\begin{array}{r} .105 \\ \times 5 \\ \hline .525 \end{array}$				_____ (in inches)

When a horizontal rail goes into a post at an angle, the hole may have to be elongated in the field. Rails measuring 3½" tall and under can usually be raised about 6" and rails measuring over 3½" tall can be raised about 3" before the holes need to be elongated. Also, when racking you will need to confirm spacing of posts. Racking will affect center to center measurements and will change post spacing.



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Model	Standard Racking	Options for Non-Standard Racking
Colonial 36", 42", 48", & 50-1/2" Heights 60" & 72" Heights	Rack 6" over 6' Section Length Rack 3" over 6' Section Length	<ul style="list-style-type: none"> Order standard rails and elongate holes on rails and posts in the field. Order with elongated holes in rails. Setup fees will apply. Order standard rails and elongate holes on rails and posts in the field. Order with elongated holes in rails. Setup fees will apply.
Designer Fence Narrow Verticals Wide Verticals	Rack 10" over 8' Section Length Rack 2" over 8' Section Length	<ul style="list-style-type: none"> Field cut verticals for up to 12" rack over 8' section length. Field cut verticals for up to 12" rack over 8' section length. Order rackable option for up to 12" rack over 8' section length.
Dynasty	Rack 3" over 8' Section Length	<ul style="list-style-type: none"> Order standard rails and elongate holes on rails and posts in the field. Field cut verticals and lattice for up to 12" rack over 8' section length. Order 2" longer verticals and full length lattice to field cut for up to 24" rack over 8' section length.
Good Neighbor Picket Straight & Concave	Rack 3" over 8' Section Length	<ul style="list-style-type: none"> Order standard rails and elongate holes on rails and posts in the field. Order with elongated holes in rails. Setup fees will apply.
Good Neighbor Yard	Rack 6" over 8' Section Length	<ul style="list-style-type: none"> Order standard rails and elongate holes on rails and posts in the field. Order with elongated holes in rails. Setup fees will apply.
Kingston	Rack 2" over 8' Section Length	<ul style="list-style-type: none"> Order rackable option for up to 12" rack over 8' section length. Order 6" longer privacy verticals to be field cut and cut 1-3/8" verticals for up to 24" rack over 8' section length.
Majestic II	Rack 2" over 8' Section Length	<ul style="list-style-type: none"> Order rackable option for up to 12" rack over 8' section length. Order 6" longer verticals and full length lattice to field cut for up to 24" rack over 8' section length.
Post and Rail 2-Rail, 3-Rail, & 4-Rail Crossbuck	Rack 14" over 8' Section Length Not Recommended	<ul style="list-style-type: none"> Elongate holes on posts in the field. Not Available

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Prestige	Rack 3" over 8' Section Length	<ul style="list-style-type: none"> Order standard rails and elongate holes on rails and posts in the field. Order with elongated holes in rails. Setup fees will apply.
Princeton	Rack 4" over 8' Section Length	Not Available
Remington	Rack 6" over 8' Section Length	Not Available
Sterling Straight, Concave, & Convex	Rack 24" over 6' Section Length	<ul style="list-style-type: none"> Picket spacing will be approximately 1¼"
Superior	Rack 2" over 8' Section Length	<ul style="list-style-type: none"> Field Cut verticals for up to 12" rack over 8' section length. Order rackable option for up to 12" rack over 8' section length. Order 6" longer verticals and field cut for up to 24" rack over 8' section length.
Superior II Mocha, Tan, & White	Rack 2" over 8' Section Length	<ul style="list-style-type: none"> Field Cut verticals for up to 12" rack over 8' section length. Order rackable option for up to 12" rack over 8' section length. Order 6" longer verticals and field cut for up to 24" rack over 8' section length.
Antique Beige, Cottage Grey, & Sienna	Rack 10" over 8' Section Length	<ul style="list-style-type: none"> Field cut verticals for up to 12" rack over 8' section length.
Supreme Straight, Concave, & Convex	Rack 24" over 8' Section Length	<ul style="list-style-type: none"> Picket spacing will be approximately 1½"
Tri-Max II	Rack 10" over 8' Section Length	<ul style="list-style-type: none"> Order 6" longer verticals and field cut for up to 24" rack over 8' section length.
Tri-Max II with Lattice	Rack 10" over 8' Section Length	<ul style="list-style-type: none"> Order 6" longer verticals and field cut for up to 24" rack over 8' section length.
Tri-Max II with Vertical Topper	Rack 10" over 8' Section Length	<ul style="list-style-type: none"> Order 6" longer privacy verticals to be field cut and cut 7/8" x 1-1/2" verticals for up to 24" rack over 8' section length.

