



Installation Instructions

6878 CR 62
St. Joe, IN 46875
260-337-0338

Materials you will need:
Cordless drill with bit tip holder
6' Step Ladder
Framing Square
Rubber Mallet
Tape Measure

Your new EcoVantage Pergola will scratch easily. Please use cardboard or some type of pad if you lay the components on the ground.



STEP 1

Set your columns on the posts or flush mount bracket kit.

STEP 2

Insert main beam posts into the column sleeves. Do not screw this connection at this time. This connection may be snug; you may need to use a rubber mallet to tap the beam down into place.



STEP 3

Follow the instructions in step 2 to set the other main beam assembly.



STEP 4

Install one of the short corner braces in each corner, under the main beam and against the column. Make sure that the angle cuts set flat against the column and the outside bottom of the main beam assembly. This is what makes your pergola square and plumb. Securer in place in the predrilled holes using the #7 x 2 1/2" screws provided..

STEP 5

Start installing the rafters from one end. If your pergola came with rafter tails start with the rafter with the rafter tails already attached. The double notches in the rafters will rest snugly into the notches in the main beams. Use of a rubber mallet may be necessary to seat them firmly into place.

STEP 6

Continue setting the rafters from one end to the other.



STEP 7

Install the Remaining long angle braces between the column and the bottom of the outside rafter on each corner, making sure that both angles set flat against the column and rafter. Fasten into place with the #7 x 2-1/2" screws provided.



STEP 8

Now that all of the angle braces are secure place 4 #7 x 2 1/2" screws in the top and bottom of each column. Make sure to pre-drill to insure that you limit the risk of splitting the wood. Now your pergola is secured to the posts.



STEP 9

Secure the rafters to the main beams. Using the provided 1/8" drill bit drill pilot holes on an angle where the rafters intersect the min beam. Then fasten in place using the #8 x 3" screws provided in your accessory kit. Take care not to set the screw too deeply as this could weaken the integrity of the joint. Fasten the rafter on each end at 1 point.

STEP 10

If your EcoVantage Pergola Kit came with purlins place them on top of the pergola aligning them the predrilled holes the rafters below, and center the purlins over the rafter tails. This will make them 12" on center. If you don't have rafter tails on your pergola they should on 12" centers starting over one main beam. The purlins will overhang the outside rafters by 6 inches on each side. Attach the purlins using the #8 x 2" ceramic coated screws supplied in your accessory kit into the predrilled holes.



STEP 11

Grab some chairs and a tall glass of lemonade. Now you can sit back back and begin the years of enjoyment you will be having under the shade of your EcoVantage Pergola.

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