



## **HELPFUL TIPS**

Thank you for your purchase of the 12'x10' GRID 30 Single Pergola Kit with Water-Repellant Top for 4x4 Wood Posts.

We know you are looking forward to receiving and building your GRID 30 system. The information below outlines some critical items for you to read in advance of receiving your order.

## **HOW TO APPROACH THE BUILD**

We recommend building the top first. If you have scrap lumber around, we find it helpful to utilize them by inserting them as short vertical posts to lift the top slightly off the ground while still allowing you to measure easily. These are just temporary and are to be replaced by your final vertical posts.

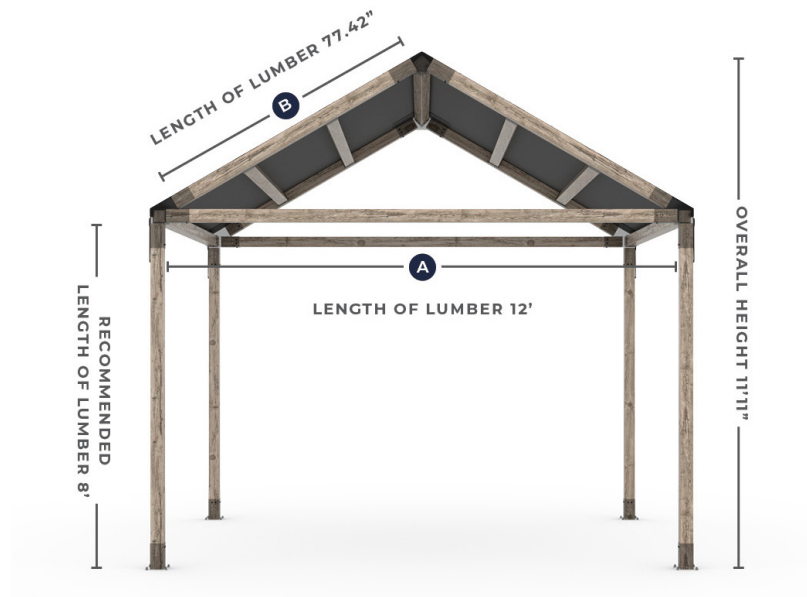
We recommend six people for this build.

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## LUMBER CUT LIST

We have included below helpful drawings to highlight the required length of lumber for your 12'x10' GRID 30 Single Pergola Kit with Water-Repellant Top for 4x4 Wood Posts build.

It is crucial to cut your wood and build to the exact measurements for the water-repellant top to fit correctly. Please see the images below for the precise measurements as indicated by **A** and **B**.



*figure 1*

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## ASSEMBLY FINAL MEASUREMENTS

Attaching the top has its own set of helpful measurements to ensure that the top is taught to the structure. This is to provide you with exact details to ensure the ultimate fit of your water-repellant top.

Before assembling your pergola structure, please be sure to measure as indicated in the image below and identified as measurements **C** and **D**.

**C** indicates the total measurement from the top point of the centre bracket (PEAK TRIO) to the corner point of the corner brackets (TRIO 30).

**D** indicates the total measurement of exposed lumber when **A**, **B**, and **C** are all correct.

Once all the measurements are met you will begin to attach the top.



*figure 2*

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## ATTACHING THE WATER-REPELLANT TOP

Divide your **C** measurement by 3 to equally space out the **KNECT** brackets.

Be sure to pay special attention to the grommet placement and shift slightly to ensure that the grommets **DO NOT overlap with the KNECT brackets**. Attach with screws provided.

Attach side mounts.

Attach the top using the straps to help achieve the starting position of 1.75", the halfway point of your 4x4 dressed lumber (the actual dimension of 3.5"x3.5") on all sides including the gables.

Attach screws throughout the top in all grommets starting with one side and then repeating on the opposite side.

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There is an additional reinforcement on the underside as well. The middle reinforcement should be aligned at the center at the peak (see figure 3).



*figure 3*



**PLEASE READ**

The GRID 30 Collection was designed and developed to allow you to build an angled and peaked roof pergola. GRID 30 brackets are not structural brackets or intended to have fixed roofs, customization or anything outside the intended and indicated use of pergola as shown. For anything outside our recommendation, we advise consulting with an engineer. Always check your local building codes, HOA, and municipal requirements in advance of building as they vary by city/state and region.

**THE GRID 30 WATER-REPELLANT TOP IS A FINAL SALE, WITH NO RETURNS OR EXCHANGES. IT IS SOLD FOR THE SPECIFIC KIT SIZE AND THEREFORE NOT SOLD SEPARATELY.**

Please reach out to [info@tojagrid.com](mailto:info@tojagrid.com) with your order number for reference. We are happy to help you.

Thank you for bringing Toja Grid into your home!