

Juliana Greenhouse - How to install the Frame for Compact & Premium Models

Before you start the assembly of your new greenhouse it is very important that you read the assembly instructions carefully.

It is possible to assemble a greenhouse on your own, but it is a good idea if you have at least two people especially when you have to put the sides and gables together.

Allow one day to assemble the frame.

The following diagrams show how to assemble a Juliana Premium. However all of our greenhouses are assembled in a similar way.



The frame is packed in a box (some models in several boxes)

Before you unpack them please check that you have the right parts.



Start by assembling the gables

Lay the parts on the ground before you put them together to get an overview.

Put the parts together following the order shown in the assembly instructions.



Put the gables to a side once they are assembled.



Assemble the sides the same way as the gables.



Assemble the sides and gables on a level foundation. When they are assembled lift them up onto the base.

If you do not have enough space to assemble the greenhouse, you can assemble directly onto the base.

It is a good idea to loosen the bolts in the gable when you fix it to the sides. In this way the corners will be correctly assembled.



If you bought a Juliana steel base, you must fasten the greenhouse to the base using j-plates. The small bows are pushed under the base and fastened to the greenhouse bolt through the long hole.

If you have a concrete or wooden base, the greenhouse must be fastened to it with a screw for every section in the greenhouse.



Now assemble the ridge. Loosen the bolts in the top of the gable, to make assembly easier.



The roof profiles are assembled.

Remember to add extra bolts, where you want to mount the windows.



Now its time to assemble the windows.

With the Premium model you assemble the window frames around the polycarbonate.

With other models you assemble the window frames, and mount them in the greenhouse before you install the polycarbonate using silicone.



The hinges of the windows are pushed into the ridge from the end and pushed into position.

It will move more easily if you oil it.



The profiles are laid out to get a nice overview, before you assemble it.

The Premium door is assembled around the polycarbonate.

With other greenhouses the door is assembled first and then the polycarbonate is installed using silicone.



Before you assemble the door, window, and polycarbonate, it is very important that you ensure your greenhouse is level.

Further, it is important to measure from one corner to the opposite corner to ensure that the greenhouse is in a 90 degree angle.



Mount the greenhouse door.

Now install the polycarbonate.

Juliana Greenhouse - How to install polycarbonate on Compact & Premium Models

The Polycarbonate on a Juliana Greenhouse is mounted with silicone and gaskets which are included in the kit. The silicone makes the aluminum profiles and the polycarbonate a "welded unit" increasing the stability of the construction.

Polycarbonate is very quick and easy to install. The sheets are all one length and they are mounted using plastic gaskets. In the assembly instructions you can see where to fit the sheets and gaskets. For the assembly you will need acetone, sandpaper and a little saw or a hobby-knife.

You start by mounting the roof, after that the sides and lastly the gables.



The frame is degreased with acetone, to get the best fitting.



The polycarbonate sheets only have UV-protection on one side marked with a label. It is important that you install it right otherwise it will crumble after a few years, and the guarantee will be invalidated.



The sheets are delivered with a protective covering which you have to peel off before mounted in the greenhouse.



Leave the white label on the sheet until you have installed it. Otherwise it is difficult to see which side should face outwards.



Sand the edge of the polycarbonate sheets, to make the silicone seat more effectively once it its glued.



Put on a 3 mm thick line of silicone onto the frame. (Only in areas where gaskets are not provided)



The A gaskets are installed into the top of the section as shown. The "flap" of the list is pushed into the profile in the top.



The A gaskets are mounted onto the bottom of the sections in the same way.



Press the polycarbonate sheet into the A gasket.

In some cases the list has to be fitted in the gables, by cutting the length.



Push the polycarbonate sheet into the top A gasket.



Then you push the M gaskets into the sides.



When the polycarbonate sheets are mounted, you can remove the white label with "this side out".

Remember to turn the polycarbonate sheet the right way round.

Start from the top and push the gasket in between the frame and the polycarbonate sheet. It has to "click" before it is mounted correctly.

Juliana Greenhouse - How to install the Base Kit for all models

It is important that your greenhouse is mounted on a strong base which, is well anchored to the ground.

The base must be level and true or it will be very difficult to attach the frame and virtually impossible to fit the glass or polycarbonate.

For these reasons special care must be taken when concreting the base into the ground.

You start by mounting the roof, after that the sides. If you are planning to build your own foundation, view our foundation guide at <http://www.littlegreenhouse.com/base/base.shtml> for helpful tips.



To assemble the base you need the following:

- Pipes for concreting (min. 10 cm)
- A level
- Concrete and sand
- A spade
- A tape measure
- A flat-nose pliers
- 10" spanner



Start by making sure that the site where the greenhouse will be is clear, level and even.



You will receive the base wrapped in clear foil. Please check that it is undamaged.



The base will be labeled to show which greenhouse it fits. Please check that you have got the right one.



Check that the sides and ends have the correct dimensions (dimensions can be found in the assembly instructions)



The ground anchors are used to fix the sides and ends together.

If the base area is more than 9 m² additional ground anchors need to be fitted to the sides. Long bolts are supplied for this purpose.



Place the base onto the site where the greenhouse will stand.



Measure the base diagonal. The measurement must be the same for both diagonal measurements. This ensures that the base is square.



Place a stick through every ground anchor so that you know where to dig the holes, and remove the base.



Dig or drill the holes for the ground anchors to be connected to the ground. The holes should be at least 32 inches deep, so that the base is fitted to frost free depth.



Before you put the ground anchors into the pipes you have to splay them.



Level the base and check the diagonal measurements again to ensure that the base is level and square.



Pour the concrete into the holes and let it harden for 24 hours.



Now the base is ready, and you can mount the greenhouse on top.

Don't put too much water into the cement. Less water equals stronger concrete.