

## **Assembly Overview**

The assembly overview **must** be used in conjunction **with the Assembly Guide**.

***THIS IS NOT AS A STAND ALONE RESOURCE!***

Safety is Job #1. Make sure you have the required tools and that they are in good working order! See our videos online if further explanation is required for cover install, wind braces or anchoring.

If there is something you do not understand, **please call BEFORE you alter anything**.

If it does not fit easily, in most cases there may be a simple solution.

**Altering the structure without calling voids the warranty.**

Shipping damage must be reported prior to assembly commencing.

1. Your shelter site should be fairly level and well drained. Moderate lengthwise slope is acceptable. Replacement of the topsoil with gravel in a non-growing application will increase drainage and minimize weeds. Building in line with the prevailing wind will create less wind action and stress on the building.
2. The base or anchoring system needs to be installed first. Please remember that our suggestions are based on years of experience but ultimately it is your responsibility to meet local requirements and/or building code requirements. There is no such thing as "too well anchored". Any extra time spent at this point is well spent.
3. If you are not building on MSS supplied anchor posts the next step is to install the base brackets at spacing equal to the spacing of the stubs on the ridge. The lag bolts are installed in-line with the structure.
4. File down any burrs that you may find along the top side of the ridge. One of your ridge sections will have stubs at both ends. This is your starter. The starter connects the first and second ridge. One person on a ladder or scaffold will hold this at the approximate required height. The person(s) on the ground will slide the top end of the hoop over the ridge stub and the bottom end over the base bracket or anchor post. Fasten the top end of each hoop to the ridge as you go. This prevents something coming loose accidentally and hitting someone.
5. **It is critical at this point to secure the structure in a vertical position with two guide ropes (inverted V)** If your structure is more than 24' long you will have additional ridge sections connected with a U-channel connector. Each additional ridge section with the hoops is installed until the entire frame is up.
6. When the complete structure is standing, ensure the building is straight, (not leaning) secure all of the base fasteners and purlins. Then all of the wind bracing can be attached.
7. If your building has been supplied with roll-up sidewalls, add the framing member for the top of the roll up now.
8. Install the wirelock track to the topside of the first and last hoop. It is best to start at the bottom and then kink it as you cross the crown. Install the cover fastener along the base as well.
9. Frame in the end walls as required. Attach the cover and cut required opening(s). It is preferable to finish the ends before putting the roof on. At certain times of the year, calm days are hard to come by. With a little caution, the roof can be put on first. If the roof covering is already on, it is important to close the "up wind" end first.
10. If this is the first time you are covering this type of structure, preparation is everything! Whenever possible, roll out the cover along the side of the structure and pull it over the top from the side. Once the cover is centred pull it tight from end to end and secure. Work from the centre of the end hoops toward the bottom corners. If your building has double cover, make sure that the bottom layer has been temporarily secured at the side before pulling over the second layer. The bottom layer should be tight while the top layer should just be snug. When the cover(s) are on, fasten all the roll-up side wall hardware and then lastly install the inflator fan.