

INSTALLATION INSTRUCTIONS: Hoop Canopy Module Gro-Zone

PREPARATION

- Clear desired area to erect the structure
- Familiarize yourself with all the components of the structure and do an inventory of all the parts received. An inventory list is provided at the end of these instructions.

Helpful Notes

- Start from the top and work down.
- Put some lubrication (3-in-1 Oil or Vaseline) on all the swaged ends of all 3-way and 4-way fittings. This will help with putting the structure together and taking it down.
- In case you do not receive the correct quantities and/or damaged components, please call 800/323-3641 (Texas) or 800/231-7275 (U.S.).
- Do not inventory parts on top of the fabric panels, this could puncture the fabric panels.
- All post and columns have two small holes drilled in them, one approximately 2½" from each end. Do not count these holes if instructions call for pole to have holes drilled in them.
- When attaching all of the columns, posts or rafters onto any of the 3-way or 4-way fittings make sure they **completely** cover the swadge.

INSTALLATION PROCEDURES

I. TOP

1. Starting with one 3-way bottom fitting, one vertical truss support 3' 8 ½", and one top 4-way assemble the center of one end truss. Slip a 9'-6 ¼" horizontal bottom support and hoop rafter into a 4-way bottom front fitting. Repeat this procedure for the other side of the truss. Slip the completed end pieces into the center truss assembly for a completed truss.

Note: Before attaching the end piece into the center assembly slip one fence clamp onto every curved hoop rafter and horizontal bottom support.

Note: All holes on the columns, rafters, or posts should face the inside of the structure so they will not rip, tear, or fray the fabric.

2. Assemble the other end truss using the same procedure as step one.
3. Starting with one 3-way bottom fitting, one vertical truss support 3' 8 ½", and one top 5-way top peak assemble the center of one truss. Slip a 9'-6 ¼" horizontal bottom support and hoop rafter into a 5-way eave fitting. Repeat this procedure for the other side of the truss. Slip the completed end pieces into the center truss assembly for a completed truss.

Note: Before attaching the end piece into the center assembly slip one fence clamp onto every curved hoop rafter and horizontal bottom support.

Note: All holes on the columns, rafters, or posts should face the inside of the structure so they will not rip, tear, or fray the fabric.

4. Insert the side center supports 9'7" between each of the trusses to create the base of the structure.

5. Insert the Top Ridge Center Supports 9'7" to finish the top of the structure that is swaged and continue to step 6.
6. Open the fence clamps to slip over the hoop rafters (if they were not added at each assembly step) and center the purlins in the curve and tighten with the nut and carriage bolt on the fence clamp. Add all purlins in the manner to complete the top of the hoop structure.

Note: Again make sure that all holes are facing towards the inside of the structure.

5. At this time, secure all connections at fittings with Tek screws.

Note: You may want to drill a pilot hole in all the 4-way and 5-way fittings before you attach the Tek screws.

II. COVER

1. The cover is to be stretched over the top of the structure.
2. Start at one gabled peak and start attaching the top with the bungee balls provided.

Note: When attaching bungee balls, start at the peak and work down. Do both ends first, then work towards the middle. On all Four Corners, use two bungee balls (one toward the end and one toward the sides).

III. SIDE COLUMNS

1. Lay out the 7'-1 5/8" columns, one next to each 4-way corner and 5-way that is touching the ground. Slip one fence clamp on each column.

Note: This is where you will need some additional help or muscle. You are going to pick up an **entire** side of the structure.

2. Lift up an entire side of the structure.
3. At this time, insert the 7'-1 5/8" columns onto the swaged fittings and make sure they completely cover the entire swage.
4. Once this is complete, do the same thing to the other side.
5. Secure all connections at fittings with Tek screws.

Note: You may want to drill a pilot hole in all the 4-way and 5-way fittings before you attach the Tek screws.

6. Take the support braces and attach them using the nuts, bolts, and washers provided with the fence clamps that you put on the horizontal bottom support and columns earlier.

Note: The support braces are approximately 2½ feet long and should be attached at every set of support columns.

IV. BASE PLATES

Note: Before inserting the base plates into the columns, slip one fence clamp onto every column. (If this was not completed earlier)

1. Take the base plates and place one next to each 7'-1 5/8" column.

2. Lift up one 7'-1 5/8" column at a time and slip the pole on the base plate into the 7'-1 5/8" column.
3. Do this for all the columns.

Note: *IF YOU WANT TO SECURE YOUR BASE PLATES TO THE GROUND, THIS IS THE TIME TO DO THAT.*

4. Secure all the base plates to their respective column using Tek screws.
5. Attach the side panels with bungee balls just as you did the top cover working from the center towards the edges. Be sure that the straps are facing to the inside and the buckles are facing the outside.
6. Attach the end panels with bungee balls just as you did the top cover working from the center towards the edges. Be sure that the straps are facing to the inside and the buckles are facing the outside.
7. Attach Velcro at corners

Note: *You may want to drill a pilot hole in all the base plates before you attach the Tek screws.*

Note: *Your Gro-Zone Hoop Canopy Module should now be complete.
Good Luck and Thank you.*

Inventory Checklist: Gro-Zone Hoop Canopy Module

Part Number/Part Name	20x20	20x30	20x40
1. Purlin – 2 3/8” x 13 Ga. Stl Pipe 10’2”/42305	4	6	8
2. Column 2 3/8” x 13 Ga. Stl Pipe 7’ 1 5/8”/42310	6	8	10
3. Bottom 3-Way Fitting /42312	3	4	5
4. Bottom Front Back 4-Way Fitting/42409	2	2	2
5. Universal Baseplate – ¼” Stl 8” x 16”/42402-REV	6	8	10
6. Vert. Truss Support – 2 3/8” x 13 Ga. Stl Pipe 3’ 8 ½”/42306	3	4	5
7. Top 5-Way Fitting/42303	1	2	3
8. Top 4-Way Fitting/42304	2	2	2
9. Mid Left/Right Fitting/42311	2	4	6
10. Right Corner Fitting/42301	2	2	2
11. Left Corner Fitting/42302	2	2	2
12. Side/Top/Center Support – 2 3/8” Ga. Stl. Pipe 9’7”/42308	8	12	16
13. Horz. Bottom Support 2 3/8” Ga. Stl. Pipe 9 6 ½”/42300	6	8	10
14. Rafter – 2 3/8” Ga. Stl. Pipe 10’ 7 3/8” (Bow)/42309	6	8	10
15. Bracing Kit (2 Fence Clamps, 1 Brace)/424BK	14	20	26
16. Cover – Hoop Style – Top/424HSCOVER	1	1	1
17. Hoop GroZone – Front Panel /w/ Doorway/424HSFP820	1	1	1
18. Hoop GroZone – Back Panel/424HSBP820	1	1	1
19. Hoop GroZone – Left Side Panel/424HSL810	2	3	4
20. Hoop GroZone – Right Side Panel/424HSRS810	2	3	4
21. Bungies/42242	TBD	TBD	TBD