

## **INSTALLATION INSTRUCTIONS:** 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 9'-6 ¼" peak/eave and one 3-way peak fitting. Slip one end of the ridge post on onto the *swaged peak* (the fitting that **is not** part of the continuous curve) of one 3-way peak fitting.

**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. With the other end of the 9'-6 ¼" peak/eave , slip it onto one of the swaged fittings on a 4-way peak.
3. Get another ridge post and put it into the other end of the 4-way peak.
4. Continue this process rotating 4-way peaks and ridge post until you get to the required length of the structure. After last ridge post is attached to the last 4-way, attach the other 3-way peak fitting.
5. Start at one of the 3-way peaks, slip one 9' 3-3/4" rafter post onto one side of a 3-way peak.
6. Continue on the same side as the last 9' 3-3/4" rafter post and work you way down the entire length of the structure putting your rafter posts on every 3-way peak and 4-way peak fitting.

**Note:** Before attaching the 3-way corner fittings and the 4-way fittings, slip one fence clamp onto every 9'4½" rafter post.

7. On the other end of the two 9' 3-3/4" rafter posts connected to the 3-way peaks, attach the 3-way corner fittings.
8. On the other end of all 9' 3-3/4" rafter posts connected to the 4-way peak fittings, attach a 4-way fitting.
9. In between all of the 3-way corner fitting and 4-way fittings, attach another 9'-6 1/4" peak/eave.
10. You should now have one side of the top completed, do the same thing to the other side.

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

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

**Note:** You may want to drill a pilot hole in all the 3-way and 4-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 5'-9 9/16" columns, one next to each 3-way and 4-way that is touching the ground.

**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 5'-9 9/16" 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 3-way and 4-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 support 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.

1. Take the base plates and place one next to each 5'-9 9/16" column.

2. Lift up one 5'-9 9/16" column at a time and slip the pole on the base plate into the 5'-9 9/16" column.
3. Do this for all the 5'-9 9/16" 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.

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

**Note:** Your Gro-Zone Canopy Module should now be complete.

**Good Luck and Thank you.**

**Inventory Checklist: Gro-Zone Canopy Module**

| <b>Part Number/Part Name</b>        | <b>12x10</b> | <b>12x20</b> | <b>12x30</b> | <b>12x40</b> | <b>12x50</b> |
|-------------------------------------|--------------|--------------|--------------|--------------|--------------|
| 1. Cover                            | 1            | 1            | 1            | 1            | 1            |
| 2. 10221 Screw,Tek Hx Hd ¼" x1"     | 24           | 38           | 50           | 66           | 135          |
| 3. 42402-REV Universal Base Plate   | 4            | 6            | 8            | 10           | 12           |
| 4. 42242 Bungie, 8" Black           | 50           | 70           | 100          | 110          | 174          |
| 5. 424BK Kit Bracing Post/Rafter    | 2            | 3            | 4            | 5            | 6            |
| 6. 42404-CM Peak/Eave 9' 6-1/4"     | 3            | 6            | 9            | 12           | 15           |
| 7. 42404 Column/Eave/Post 5'9 9/16" | 4            | 6            | 8            | 10           | 12           |
| 8. 42403 Rafter 4'10" 11/16"        | 4            | 6            | 8            | 10           | 12           |
| 9. 42416 Peak 3-Way                 | 2            | 2            | 2            | 2            | 2            |
| 10. 42415-P Peak Center 4-Way       | N/A          | 1            | 2            | 3            | 4            |
| 11. 42412 Eave 3-Way                | 4            | 4            | 4            | 4            | 4            |
| 12. 42411 Eave 4-Way                | N/A          | 2            | 4            | 6            | 8            |

| <b>Part Number/Part Name</b>              | <b>20 x 20</b> | <b>20 x 30</b> | <b>20 x 40</b> |
|---|----------------|----------------|----------------|
| 1. Cover                                  | 1              | 1              | 1              |
| 2. 10221 Screw, Tek Hx Hd ¼" x1"          | 30             | 45             | 60             |
| 3. 42402-REV Universal Base Plate         | 6              | 8              | 10             |
| 4. 42242 Bungie, 8" Black                 | 62             | 93             | 124            |
| 5. 424BK Kit Bracing Post/Rafter          | 4              | 4              | 4              |
| 6. 42404-CM Peak/Eave 9' 6-1/4"           | 6              | 9              | 12             |
| 7. 42404 Column/Eave/Post 5'9 9/16"       | 6              | 8              | 10             |
| 8. 42404-CM1 Rafter 9' 3-3/4", 2-3/8" dia | 6              | 8              | 10             |
| 9. 42416 Peak 3-Way                       | 2              | 2              | 2              |
| 10. 42415-P Peak Center 4-Way             | 1              | 2              | 3              |
| 11. 42412 Eave 3-Way                      | 4              | 4              | 4              |
| 12. 42411 Eave 4-Way                      | 2              | 4              | 6              |