

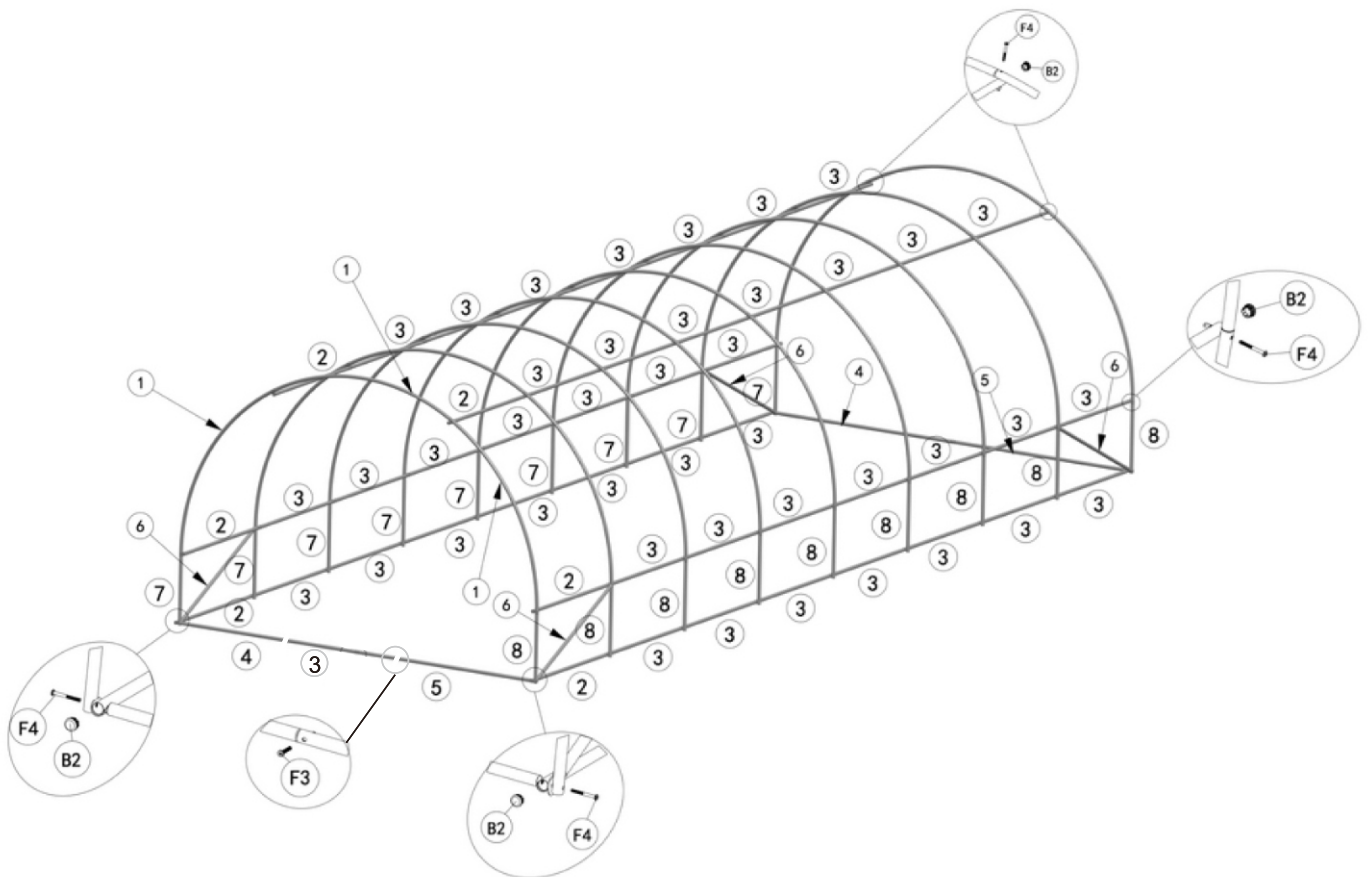


# **Assembly Manual**

**Tunnel Greenhouse 8mx3m**

# 8m x 3m Tunnelhouse

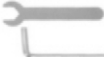
You'll receive two (2) box's for this model. Please pay particular attention to making sure all parts are numbered and graphically indexed as shown on the **Parts List**, and so does the quantity for each part.



## Assembly Notes:

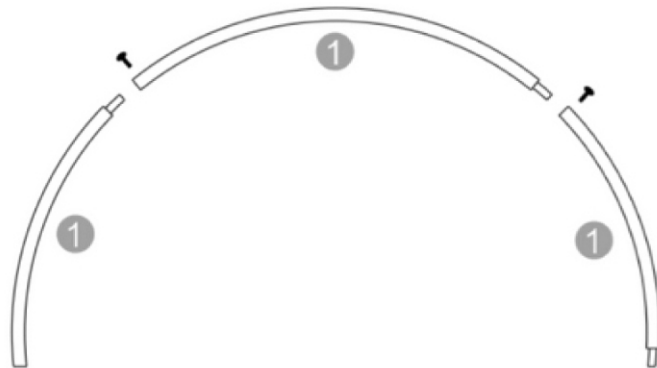
- Before the assembly, please check to make sure that you have all the parts listed on the **Parts List**.
- For easier assembly, we recommend you have 2-3 adults to help hold up the structure.
- For your safety, please wear the gloves provided in the box.
- For all the bolts in the bag, the shorter (30mm) are used for the assembly of the poles (#4 & #5), and (#6 ). The longer (60mm) ones apply to all other joints.

# Parts List

| Part  | Diagram                                                                             | Description                      | Quantity |
|-------|-------------------------------------------------------------------------------------|----------------------------------|----------|
| #1    |    | Arch Pole                        | 27       |
| #2    |    | Pole with 2 Female Ends          | 6        |
| #3    |    | Pole with Male & Female Ends     | 44       |
| #4    |    | Floor Pole with 1 Male End       | 2        |
| #5    |    | Floor Pole with 1 Female End     | 2        |
| #6    |    | Long Diagonal Pole               | 4        |
| #7    |  | Vertical Pole with 1 Male End    | 9        |
| #8    |  | Vertical Pole with 2 Female Ends | 9        |
| #9    |  | Tunnel Cover                     | 1        |
| F3 F4 |  | Screw Kit                        | 1        |
| #11   |  | Tool Kit                         | 1        |
| #12   |  | Ground Stake                     | 4        |
| D1    |  | Screw Cap                        | 58       |
| B2    |  | Pole Plug                        | 12       |
| #16   |  | Tie Rope                         | 4        |

## Step 1

Assemble 9 x curved supports using (Part #1) with the **longer bolts**  
(Insert for preliminary fixing only, and tighten later)



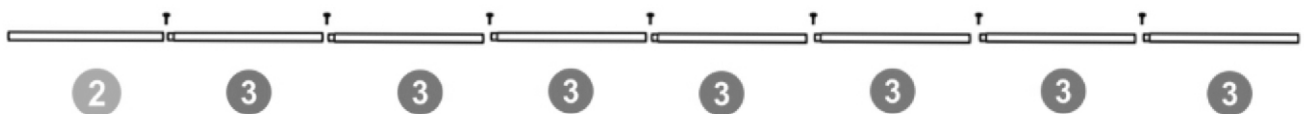
## Step 2

Assemble 2 x floor supports using (Part #4) (Part #3) and (Part #5)  
with the **Shorter Bolts**.



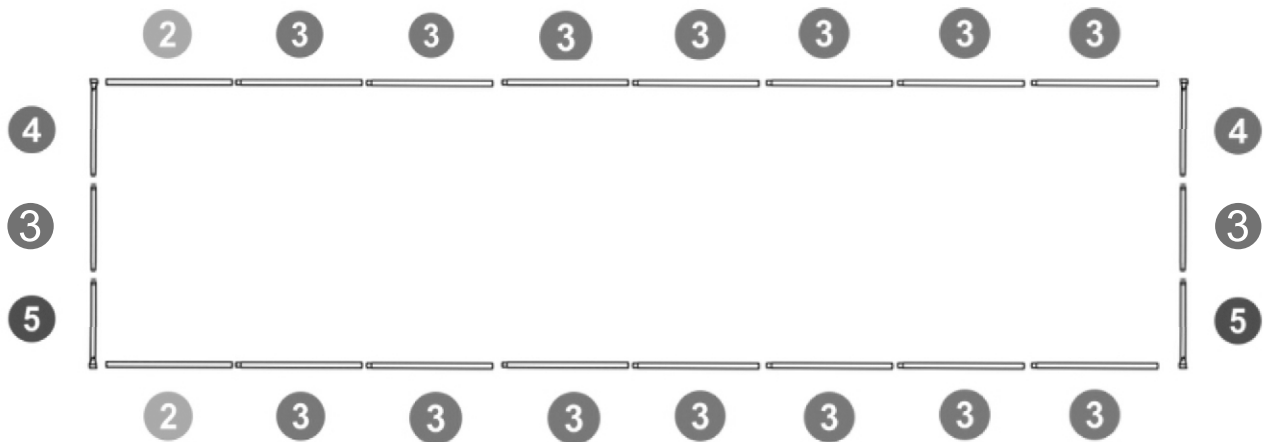
## Step 3

Assemble 2 x horizontal supports using (Part #2) and (Part #3) with the  
**Longer Bolts**.



## Step 4

Lay the bottom of the frame as shown below. You will use the following poles as assembled in the previous steps.

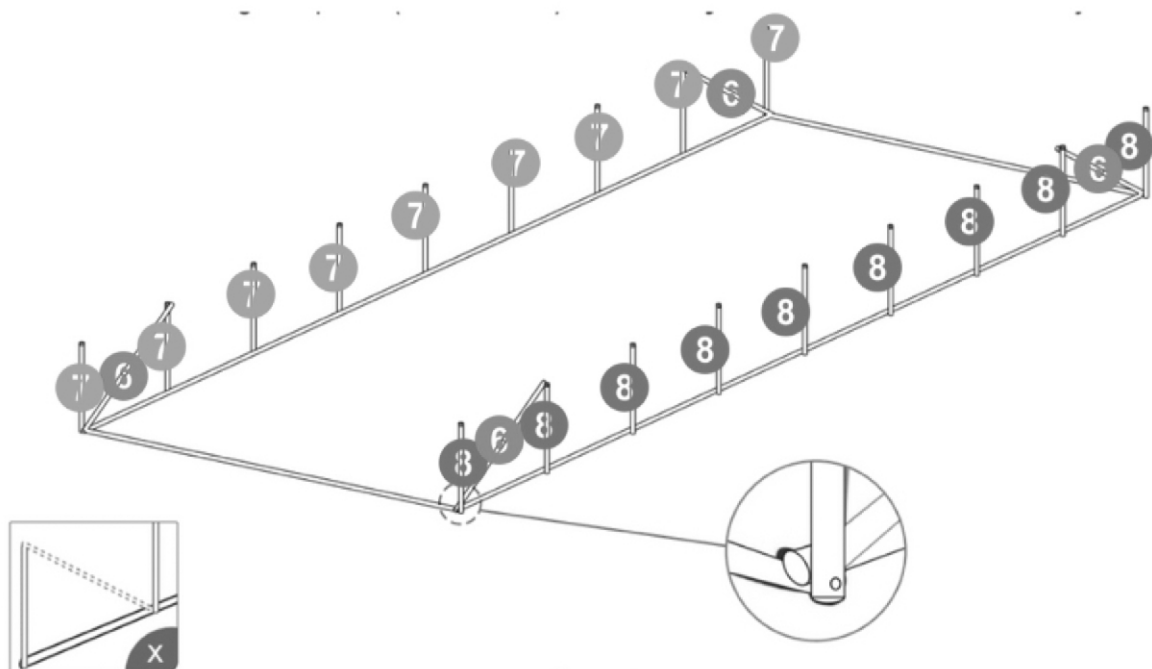


**Reminder:** You are **NOT** required to tighten all the bolts in this step

## Step 5

Assemble (Part #7) and (Part #8) vertically on each side of the base frame. Please ensure that all 9 x poles (**Part #7**) are installed on the same side, and all 9 x poles (**Part #8**) are on the other side.

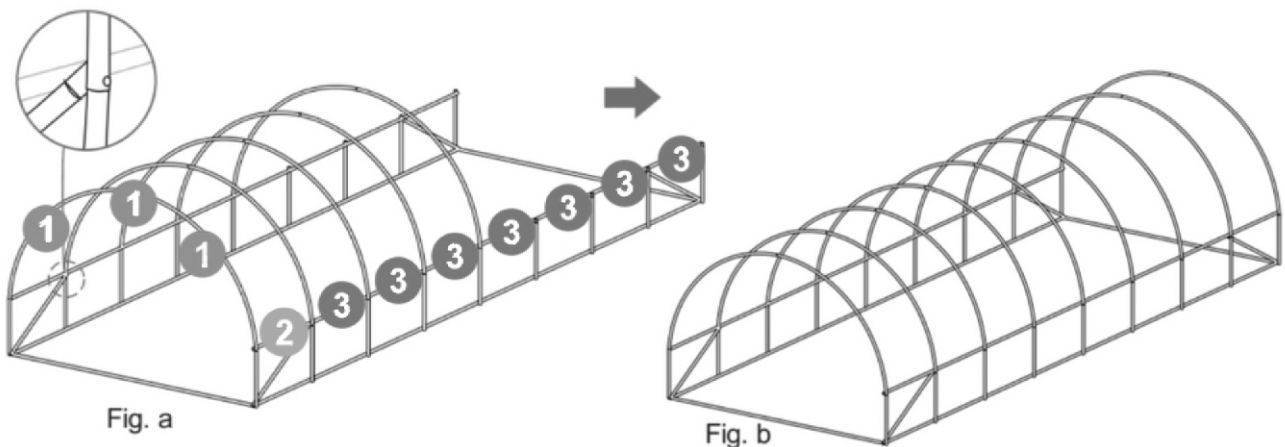
Additionally, assemble (Part #6) diagonally in each corner. Please ensure the angle position is the same as shown below.



## Step 6

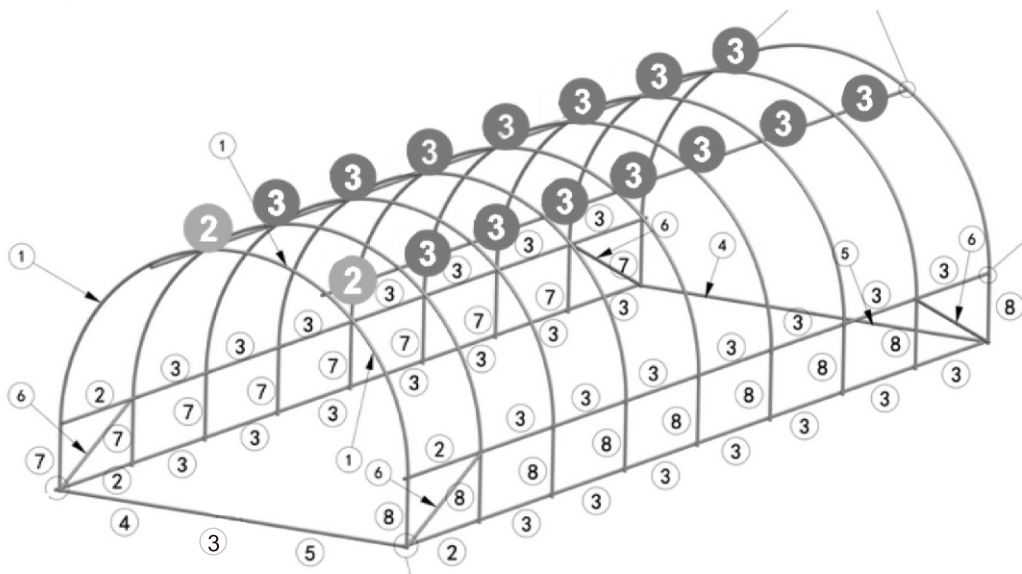
To keep balance, please firstly finish assembling the first two layers of the top tunnel (from the opening door end). Take the following for an example, you should assemble the poles 1 x (Part #2) and 7 x (Part #3) at both sides, then add 5 x curved supports (Part #1), see Fig.a.

Then move to the next layers with the curved supports at the top until you finish forming the tunnel (Fig.b).



## Step 7

Reinforce the tunnel using the last 2 x (Part #2) and 14 x (Part #3) as shown below.



### Reminder:

To better protect the cover, please make sure all ends of the poles are on the inside of the curved supports (Part #1)

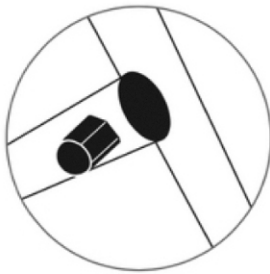
## Step 8

Please now tighten all nuts and bolts throughout the tunnelhouse.

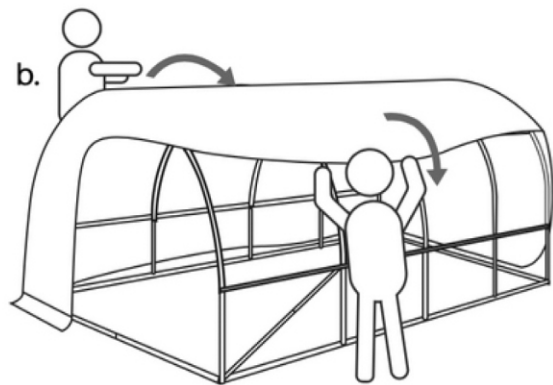
a) Equip all of the poles with pole plugs and screw caps using (Part D1 ) and (Part B2 ).

b) Unzip the cover, raise it over the frame into place and fix it to the poles with the built-in velcro straps.

a.



b.



## Step 9

Secure the structure to the ground by using the ground stakes (Part #12), and tie ropes (Part #16). Weigh down the structure by using bricks or sand bags for example.

Alternatively, we **recommend** using a timber frame (not included) to anchor your tunnelhouse for a permanent fix. This will ensure a sturdy structure against high winds.



***Metal Group***