

# RAISED GARDEN BED

12' x 12' Jumbo U



2 LEVELS

### 2 LEVEL KIT CONTAINS:

- Composite Boards 4' x 39
- Cut Composite Board (Gate) x 2
- Stacking Brackets x 48
- 4-way Bracing Brackets x 28
- L-Bracket x 2
- Stacking Stakes x 32
- Plugs x 160
- Finishing Caps x 4
- Adapter cap x 12
- Animal barrier gate (4ft) x 2
- Animal barrier Fencing x 40ft
- Gate to Board Connector x 4



3 LEVELS

### 3 LEVEL KIT CONTAINS:

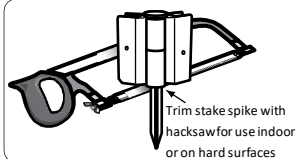
- Composite Boards 4' x 55
- Cut Composite Board (Gate) x 4
- Stacking Brackets x 78
- 4-way Bracing Brackets x 28
- L-Bracket x 4
- Stacking Stakes x 48
- Plugs x 228
- Finishing Caps x 4
- Adapter Cap x 12
- Animal barrier gate (4ft) x 2
- Animal barrier Fencing x 40ft
- Gate to Board Connector x 4
- Metal Gate Brace with Screws x 2

### Recommended Tools:

- Hammer
- Power Drill
- Flathead Screwdriver



*Layout your Boards along the borderline and connect each Board together by inserting the top of the stake through the bracket loops with the stake pointing to the sky. This enables you to freely position your border to get your desired location.*



### FOR INDOOR & HARD SURFACE:

If you plan to assemble raised bed on a hard surface, use hacksaw to remove the spike of each stake. Use these cut down stakes for the base level only of your raised garden.



4 LEVELS

### 4 LEVEL KIT CONTAINS:

- Composite Boards 4' x 77
- Cut Composite Board (Gate) x 6
- Stacking Brackets x 96
- 4-way Bracing Brackets x 52
- L-Bracket x 6
- Stacking Stakes x 64
- Plugs x 320
- Finishing Caps x 4
- Adapter Cap x 12
- Animal barrier gate (4ft) x 2
- Animal barrier Fencing x 40ft
- Gate to Board connector x 4
- Metal Gate Brace with Screws x 4

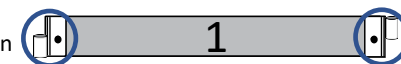
## ASSEMBLY INSTRUCTIONS – Level 1

### STEP 1:

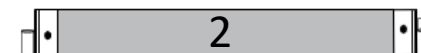
Assemble the Boards by sliding one end of Board into channel end of one of the brackets. Use plugs to cover the holes on both sides to lock the bracket in place.



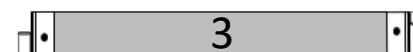
1. Connect **13** x 4ft Boards with Stacking Brackets on both ends in alternating orientation.



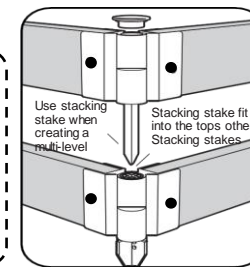
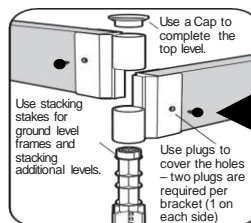
2. Connect **2** x 2ft Boards with a stacking bracket on one end and a mid-section 4-way bracket on the other end in alternating orientation.



3. Connect **2** x 4ft Boards with a stacking bracket on one end and a top 4-way bracket on the other end in alternating orientation.



### How the Joints Work



### 3-Way Connection:

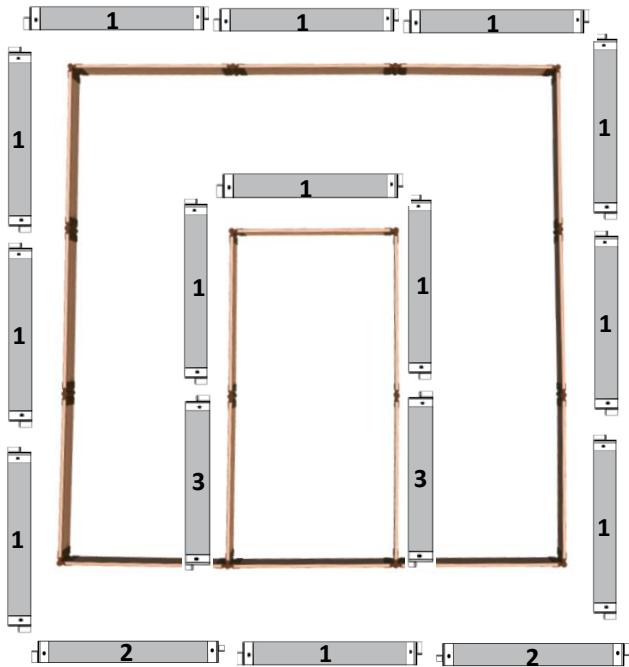
Combine a top 4-way bracket, mid-section 4-way bracket and stacking bracket.



## ASSEMBLY INSTRUCTIONS – Level 1 Continued

**Step 2:** Layout the Boards for the first level according to the number of the board in Step 1.

**Note:** It is especially important to layout Boards 3 & 4 in the exact orientation shown in the diagram below.

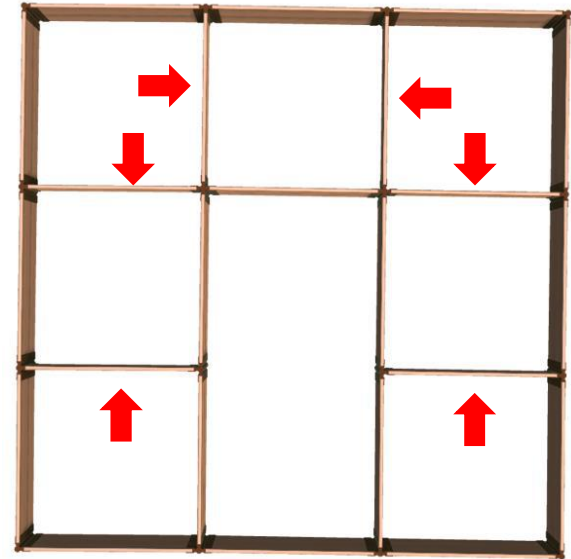


The gate Board (**Board 1**) on level 1 is kept uncut to act as a level surface for the gate to swing on. You can choose to cut this Board if you want it to be part of the swinging gate.

**IMPORTANT:** If you connect any brackets incorrectly, they can be removed by inserting a flathead screwdriver into the opening of the snap-lock plugs, pushing into the nub and twisting upwards.

**Step 3:** When connecting the boards for the first level, insert the stacking stakes upside down so the stake is pointing to the sky. This will allow you to adjust the shape of your frame before driving the stakes into the ground.

**Step 3a:** With the first level stacking stakes still facing the sky, use bracketed 4ft boards to ensure that the cross Boards will fit by placing the board over the stacking stakes on the cross-board positions shown below.



**Step 4:** Once you finish with the adjustments of your base level frame, remove the Boards sitting on level 2 and hammer the stacking stakes on level 1 into the ground.

## ASSEMBLY INSTRUCTIONS – Level 2

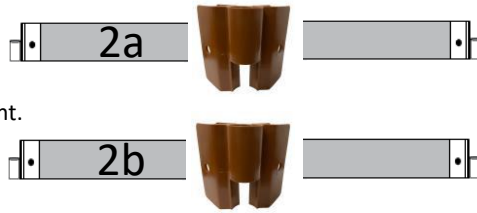
### STEP 5:

Connect the brackets and boards for the second level in the following pattern:

1. Connect 6 x 4ft Boards with Stacking Brackets on both ends in alternating orientation.



2. Connect two 4ft boards using the L-Brackets to create a 90° board Segment. Then, connect stacking brackets on both open ends of each board in the orientation shown on the right. Repeat this for a second 90° board Segment.



3. Connect 6 x 4ft Boards with mid-section 4-way brackets on both ends in the same orientation.



4. Connect 2 x 4ft Boards with top 4-way brackets on both ends in the same orientation.



6. Connect 4 x 4ft boards with top 4-way brackets on both sides In alternating orientation.



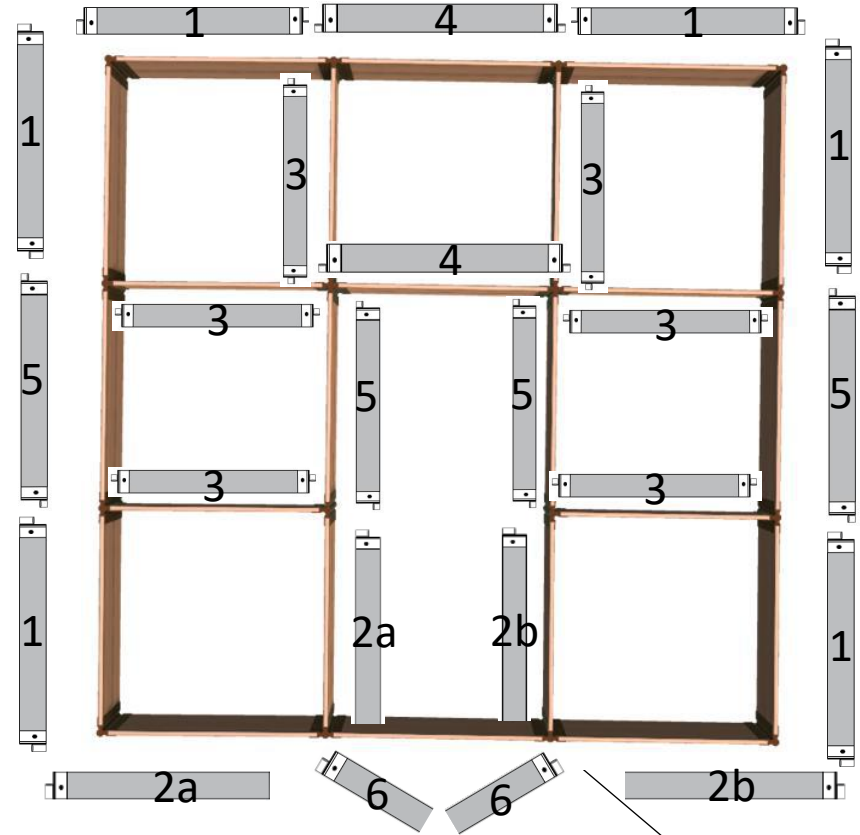
7. Connect 2 x Cut gate Boards with a stacking bracket on the board end with pre-drilled holes.



**NOTE:** The gate Boards will only have pre-drilled holes on one end.

**Step 6:** Before stacking your boards, lay them out around your 1<sup>st</sup> level frame.

**NOTE:** Stacking stakes will be used for all additional levels and can insert into the top of existing stakes.



**Step 7.** Start your 2<sup>nd</sup> level by connecting the front gate joints. Have the bracket for the gate board (6) on the bottom of the joint as shown in the picture to the left. Then connect the 90° board segments (2) and continue from this point stacking the remaining 2<sup>nd</sup> level boards.

**Skip to step 1 of the Animal Barrier assembly if you are assembling a 2-level bed design.**

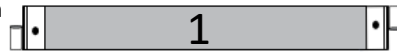


## ASSEMBLY INSTRUCTIONS – Level 3

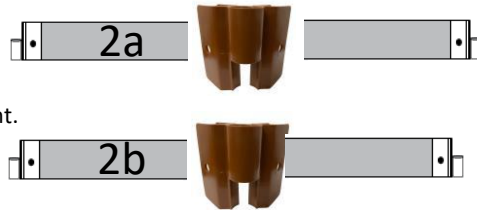
### STEP 8:

Connect the brackets and boards for the third level in the following pattern:

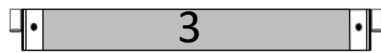
1. Connect **10** x 4ft Boards with Stacking Brackets on both ends in alternating orientation.



2. Connect two 4ft boards using the L-Brackets to create a 90° board Segment. Then, connect stacking brackets on both open ends of each board in the orientation shown on the right. Repeat this for a second 90° board Segment.



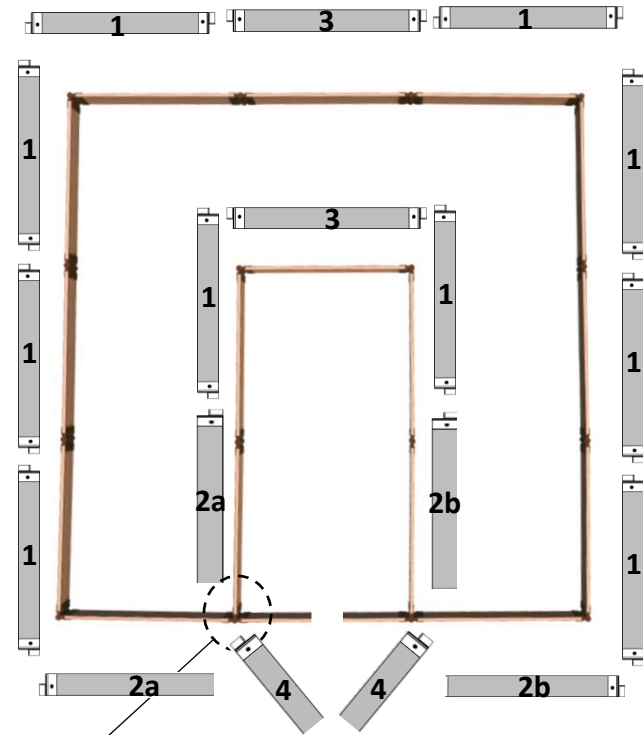
3. Connect **2** x 4ft Boards with stacking brackets on both sides, facing the same orientation.



4. Connect **2** x Gate Boards with a stacking bracket on the board end with predrilled holes.



**Step 9:** Layout the boards for the third level around your frame.



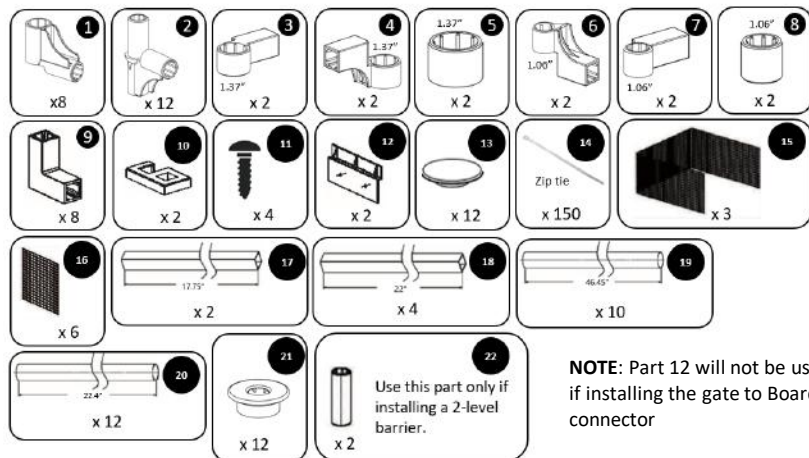
**Step 10.** Start your 3<sup>rd</sup> level by connecting the front gate joints. Have the bracket for the gate board (4) on the bottom of the joint as shown in the picture to the left. Then connect the 90° board segments (2) and continue from this point stacking the remaining 3<sup>rd</sup> level boards.

**Step 11:** For a 4-level design, repeat steps 5, 6, & 7.

## ASSEMBLY INSTRUCTIONS – Animal Barrier Gate

### KIT CONTAINS:

Quantities doubled for 2 level Barrier



**NOTE:** Part 12 will not be used if installing the gate to Board connector

**Step 1:** Install an adapter cap (Part 21) on top of each of the 10 joints on your final level.

**NOTE:** Your animal barrier kit goes together by sliding the ends of the metal tubes into the plastic connectors to create a frame, then zip-tying netting to the frame.

### STEP 2: BUILD THE LEFT GATE

**FIRST:** Use connectors 2, 5, 3, & 13 to form the upper left gate hinge (as shown in the box to the right). Next, insert round metal tube (20) into the bottom of the hinge assembly. (see main diagram)

**THIRD:** Add two square tubes (18) to create the top and the bottom edges of the left gate--insert one square tube into the square connector of the top hinge and another into the square connector of the bottom hinge.

**FOURTH:** Complete the left gate frame by connecting an "L" connector (9) to each end of another square tube (17) and connecting this tube to the rest of the frame to create a rectangle.

**FIFTH:** Using zip ties (14), attach one of smaller pieces of netting (16) to all of the tubes of the gate frame. (See diagram in **Step 5** of the instructions).

**SECOND:** Use connectors 7 & 21 to create the lower hinge for the left gate, as shown in the box to the right. Slide the lower hinge about 6" past the bottom end of metal tube (20).

## ASSEMBLY INSTRUCTIONS – continued

### STEP 3: BUILD THE RIGHT GATE

**FIRST:** Use connectors 2, 4, 5, & 13 to form the upper right gate hinge (as shown in the box to the right). Next, insert round metal tube (20) into the bottom of the hinge assembly. (see diagram in the small box.)

**THIRD:** Add two square tubes (18) to create the top and the bottom of the right gate frame. Insert one square tube into the square connector of the top hinge and another into the square connector of the bottom hinge.

**SECOND:** Use connectors 6, 8 & 21 to create the lower hinge for the right gate, as shown in the box to the right. Slide the lower hinge about 6" past the bottom end of metal tube (20).

**FOURTH:** Add an "L" connector (9) to each end of square tube (17), which has the gate-latch) with the L connectors opening in the opposite direction from the gate latch.

**FIFTH:** Finish the right gate frame by connecting this tube to the rest of the frame to create a rectangle.

### STEP 4: Attach the gates to the raised bed boards

**FIRST:** Slide the round tubes at the bottom of each gate section into the joints connected to the cut gate timbers at the entrance of the frame.

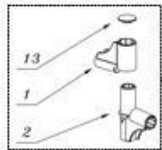
**STEP 4a:** Take 2 board to timber connectors and fasten them on either side of the bottom animal barrier gate pole with the screws provided and a power drill. This will allow the animal barrier gate and board gate to swing as a complete door.



**STEP 4b:** For a 3-level design, take your metal gate brace and fasten it over 2 of the left gate boards with the screws provided and a power drill. Install the gate braces on the inside portion of the garden and make sure that the screw holes are not over the edge where the 2 boards meet (see picture). Repeat this step for the right gate. For a 4-level design, install an additional gate brace on each door.



**STEP 5: Attach rest of framework to gate frame**



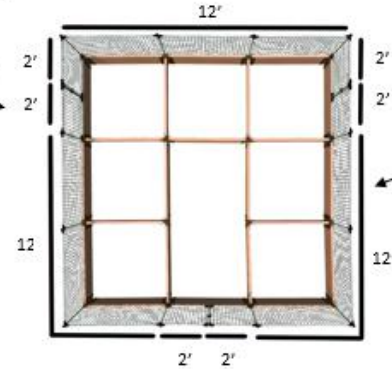
**FIRST:** Use connectors (2, 1 & 13) to form the joints for each of the sides and back corners at the top of the animal barrier. Then, place a 2ft round tube (20) into the bracket of the raised bed and slip a joint assembly onto this vertical tube. (See diagram in box)



**SECOND:** Slide nine 4ft round tubes (19) into the connectors above the 4ft board segments where the gates are not installed.

**STEP 6: APPLY NETTING**

**FIRST:** Connect each of the four gate frames with a 2ft netting piece.



Your netting will connect in 9 separate pieces.

**SECOND:** Connect the 3 12ft pieces of netting (as shown in the diagram).

Apply the netting to both the vertical and horizontal tubes of the gates and main frame using zip ties. Attach the top of the netting flush with the upper tubes so the netting hangs over your raised bed.

**ASSEMBLY INSTRUCTIONS - 2 Level Animal barrier**

If assembling a 2 level Animal Barrier fencing, follow steps 1 through 5 but insert a spacing sleeve (Part 22) for the second level animal barrier (see diagram below).

