

Corrugated Metal Self-Watering Raised Bed

This innovative self-watering raised bed has a large reservoir to keep plants hydrated for weeks.

Parts List

(4) Side Panels	(1) Liner
(2) End Panels	(1) Overflow Pipe
(4) Corners	(3) Reservoir Platforms
(1) Rubber Edging	(1) Inlet Pipe
(50) Nuts and Bolts	(2) Zip Ties
Wrench	Geotextile Fabric

Tools needed

Phillips screwdriver
Utility knife
Scissors

Assembly

Caution: Metal edges may be sharp. We recommend wearing gloves until Step 4 of assembly.

Step 1. Locate a level area and prepare the ground for planting. **Important:** Make sure the area is completely level and that the surface the Liner will sit on is free of sharp objects that may puncture it.

Step 2. Remove the protective plastic covering the Panels and position them as shown in Figure 1. The Corners should be placed on the outside of the Panels. **Important:** Make sure the overflow hole is located as shown.

Step 3. Insert all of the Nuts and Bolts through the holes in the Panels, loosely attaching them until they all are in place (Figure 1). Tighten them fully using the included Wrench and a Phillips screwdriver.

Step 4. Push the Rubber Edging onto the rolled steel edge of the Raised Bed and trim off the excess. **NOTE:** If you have trouble getting the Edging on the overlapped sheets, insert a butter knife into the Edging and rotate it to widen the opening (Figure 2).

Step 5. Place the Overflow Pipe through the hole in the Liner, then place both into the Raised Bed and push the Pipe through the overflow hole in the side (Figure 3).

Step 6. Take a Reservoir Platform and use your utility knife to cut out the perimeter of the circle marked "CUT OUT TO INSTALL INLET PIPE HERE" (Figure 4). Push the Inlet Pipe through the hole until it is level with the Platform's feet.

Figure 1

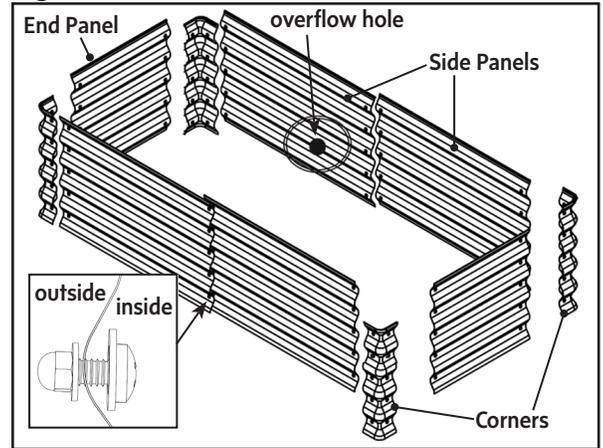


Figure 2

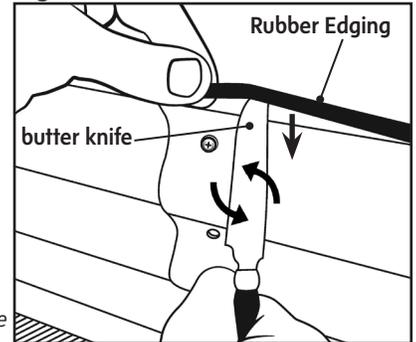


Figure 3

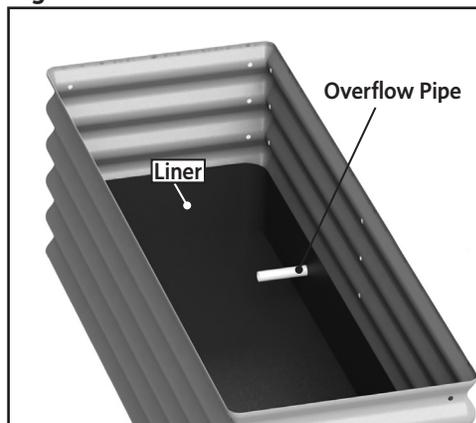
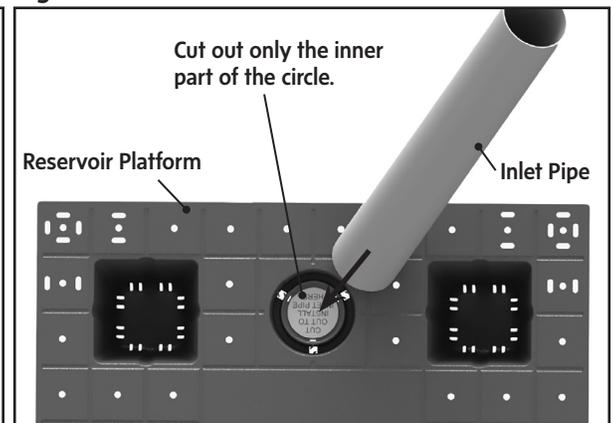


Figure 4



Step 7. Place the Reservoir Platform and Inlet Pipe into the Raised Bed as shown in Figure 5. Attach the Overflow Pipe to the Platform with Zip Ties to secure it into place.

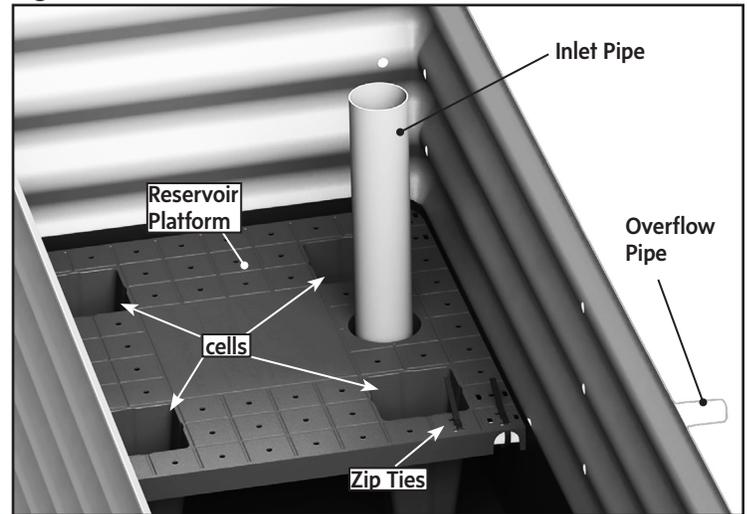
Step 8. Place the remaining Reservoir Platforms into the Bed, making sure they are nestled tightly together to prevent soil from falling into the reservoir.

Step 9. Unfold the Geotextile Fabric and place it along the tops of the Reservoir Platforms and a few inches up the sides of the Bed. Use scissors to trim the Fabric where needed and to cut around the cells in the Reservoir Platforms (Figure 5). **NOTE:** Do NOT cover the cells with Fabric or you'll prevent the wicking action from working. Your assembly is complete!

The Raised Bed holds 100 quarts of planting mix. We recommend filling it with our Self-Watering Potting Mix or Eco-co Coir Potting Mix (sold separately). Once the Bed is filled with soil, fill the water reservoir through the Inlet Pipe until excess water starts flowing out of the overflow pipe. Water from the top as well during the first two weeks while the roots are getting established.

Check the reservoir weekly. Depending on your climate and the plants you are growing, you may only need to refill the reservoir once a month. Drain and store the Reservoir prior to freezing temperatures.

Figure 5



For more self-watering products and articles on growing in containers, please visit us at www.gardeners.com.