



Assembly Guide for WaterUps® Oasis Wicking Bed

This guide is designed to assist you with the assembly of your new WaterUps® Oasis wicking bed kit.

The following items should be included:-

1. 8 x [Part 'P'] wall panels – 654mm x 450mm
2. 4 x [Part 'A1'] short edge rails 798mm
3. 4 x [Part 'A2'] long edge rails, 1630mm
4. 8 x [Part 'L'] corner bracket
5. 100 x [Part 'S0'] nut and bolt
6. 35 x [Part 'S1'] nut and bolt
7. 8 x WaterUps® wicking cells
8. 1 x WaterUps® clear PP Reservoir Liner insert
9. 1 x WaterUps® Inlet Pipe
10. 1 x outlet pipe screw fitting

Figure 1

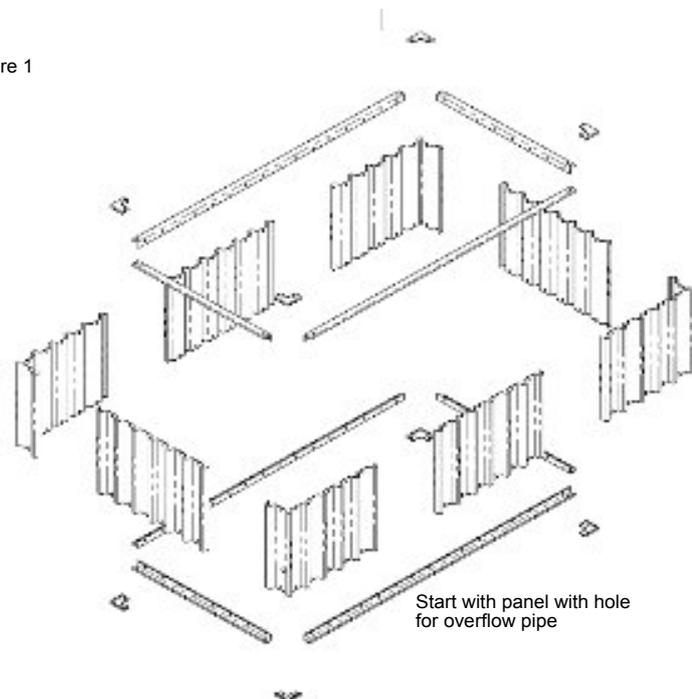


Figure 1. The graphic above provides an exploded view of how the WaterUps® Oasis Wicking Bed is assembled. **IMPORTANT Note:** long sides fold around to fit end sides..

Assembly Instructions

1. Check that you have all of the components listed above.
2. Peel the protective plastic off the wall panels;
3. Locate the wall panel with the round hole for the overflow pipe.
4. Place long edge rail [A2] on the ground, or on a table so that you don't have to bend too much, with the side containing the holes for bolts facing up.

5. Position wall panel with the overflow pipe hole [green side up] to align with the bolt holes in the long edge rail as indicated in Figure 2.

IMPORTANT Note - the 1st hole in the long edge rail should align with the 2nd hole in the wall panel [A2] with the hole. See Figure 2 below.

6. Connect the panel to the bottom rail with the nuts on the green side and hand tighten. Before attaching the last 2 nuts/bolts place the next wall panel in position so that it overlaps as shown in Figure 3.

Tools - The following tools will make assembly of the bed easier:-

- Phillips head screwdriver
- 10mm spanner or socket attachment for power drill

Perlite - You will need to purchase a 20L bag of perlite to place in the wicks in your WaterUps® bed. This will ensure optimal long term wicking action.

Note - The wall panels have sharp edges and it is recommended that you wear gloves



Figure 2. This shows the position to attach the panel with the hole for the overflow pipe.

7. Overlap the wall panels as shown in Figure 3.



Figure 3. This graphic shows how to overlap the wall panels. Note: the grey panel edge goes underneath the joint.

9. Continue attaching the wall panels to the bottom of the long bottom edge rail.

Note - You may find that you will have to adjust the position of the holes in the wall panels slightly to align with the holes in the rails.

9. Now attach the top rail [A2].

10. **IMPORTANT.** There is a section of the wall panel that extends past the end of the rail on either side, which will form the corner section of the bed. See Figure 1.



Figure 4. Connecting the long and short edge rails. These will end up at right angles to each other and be attached to the corner brackets as in Figure 7.



Figure 5

11. Once the side panel has been assembled it can be joined to the end panel - See Figure 4. Connect the short edge rail [1] to the top end sheet of the long side. Then, you can attach the bottom long and short edge rails and add the panel for the short end. It should look like Figure 5.

12. Now attach the remaining wall panels to the 2 remaining top and bottom edge rails in the same way as the previous wall section. Remember to start at the second bolt hole again - refer Figure 2.

13. You should now have 2 long sections. These need to be joined. This is best done by standing each of the connected wall panels as shown in Figure 6. Figure 7

Note - You will need to bend the wall panel on the vertical axis so that the A2 and A1 rails are at right angles.



Figure 6

16. Now you will need to attach the corner brackets using the smaller nuts/bolts. Repeat this for all 8 corners [both top and bottom]. Refer Figure 7.

Note - You may find that you will have to momentarily remove the larger wall panel screw to be able to attach the nuts on the corner brackets more easily



Figure 7

17. Now tighten all nuts/bolts. This will make the walls more rigid and the bed stronger. **Tip** - this is easy if you use a power drill with 10mm socket attachment or spanner and a phillips head screwdriver

18. Now ensure that the position for your bed is on a flat even surface and that there are no sharp rocks or other objects. To provide protection for the reservoir liner, we suggest placing GeoTextile fabric or a sheet of corflute under the base.

19. Once this is done you can take out the clear reservoir liner and remove the protective plastic.

20. Position this in the base of your bed so that the holes for the overflow pipe match.

21. Insert the screw overflow pipe with the rubber washer on the inside of the bed as shown in Figure 8.

22. Take one of the WaterUps® cells and cut out the circle for the inlet pipe and insert it by aligning the 3 lugs at the base of the pipe with the holes in the cell.

23. You can now lay the cells in to the base of the liner.

24. Now fill the 4 wicks of each cell with perlite and then add your potting mix compost and plants.



Figure 8

To view the full WaterUps® Installation Guide go to:-
www.waterups.com.au/installation-guide/