

IWS RECIRCULATING DEEP WATER CULTURE INSTRUCTIONS

COMPONENTS	DETAIL
Control Unit	Includes recirculating pump and top up connectors
Outer Pots	Quantity determined by order
Lids including caps	1 per pot
Baskets	1 per pot
Water Butt	1 per system, Size dependent on order
Hose	Used to connect all pots together and to the Control Pot (Measure and cut hose according to desired pot spacing)
Straights	2 per pot
Elbows	4 per system
Tee	3 per system
Nuts	2 per pot
washer	4 per pot
Spanner	2 per system
Filter	2 per system
1" M.BSP – 25mm Straight	4 per system
Inline tap	2 per system

IWS RDWC systems should be used on a flat surface to ensure all pots hold the correct amount of nutrient solution.

How to assemble your IWS RDWC system:

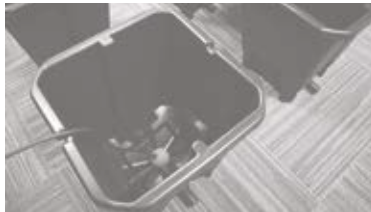
1. Using a Nut and a Washer either side of the Outer Pot, attach 1 straight and 1 x Elbow to each of the pots furthest from the Control Pot (this will be either 2 or 4 pots depending on chosen layout).



2. Attach 2 x Straights to both sides of all remaining pots.



3. Connect your air pump (sold separately) and place your air stones inside the pots.



4. Place the Lid onto each Outer Pot and the Baskets into the Lids.



5. Place pots and Control Unit in the positions they will be used.



6. Use the Hose to connect the pots together and to the Control Pot.



7. At the end of each row connect the Elbows to a Tee. (either 1 or 2 depending on chosen layout).



8. Connect the Tee to the Inline Tap with a short length of Hose (either 1 or 2 depending on chosen layout).



9. Connect a 1" straight to the return point of the Control Unit.



10. Connect the filter to the Inline tap with a short length of Hose. Check the flow direction arrow on the Filter and make sure it points towards the Control Pot.



11. Use the hose to connect the Filter to the Control Pot.



12. If using a 2 lane set up, close off the 'spare' connections on the Control Unit, by creating a loop between the unused points.

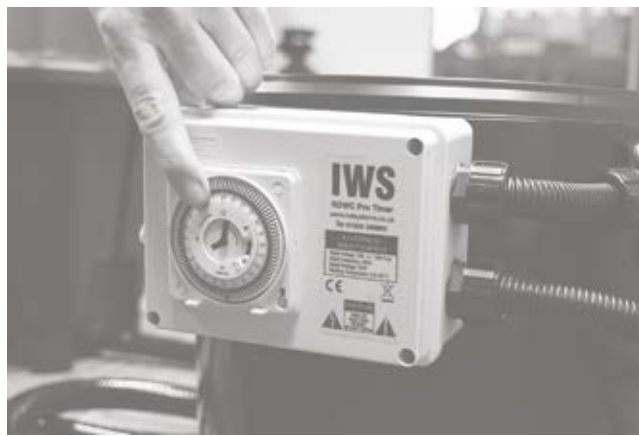


For RDWC (non-pro), carry out steps 1-10 above, plus:

1. Fasten the top up connector to the water butt. Connect the other end to the Control Pot.

For RDWC Pro with Timer, carry out steps 1-10 above, plus:

1. Using the pipes marked 'Fill' and 'Drain' connect the water butt to the Control Pot.
2. Set the timer to your chosen feeding schedule, the segments need to be pushed out at the times you want the pots to be full and pushed in to empty.



Using a chiller

The IWS RDWC systems can be connected to a water chiller. Attach the pump to the chiller outlet.

Use 16mm pipe to connect the Control Pot to the chiller and then back to the Control Pot.

