

# Assembly Instructions

## IWS Oxygenated Pot



# Firstly how does it work?

The IWS Oxygenated Pot is a single-pot deep water culture system. It works by submerging the plant's root in a highly oxygenated nutrient solution, this encourages rapid growth. The Oxy Pot is one of the simplest systems around. The new OXY-POT has an air pump that sits outside the nutrient pot and pumps air in to two porous air stone's this pumps oxygen into the nutrient solution super oxygenating the root zone. The new nutrient fill/root inspection hole makes the system far easier to monitor and manage. Capacity of the pot is 19 litres.

The system comprises of 3 main parts;

- **The pot and basket lid** - made from light-proof recycled plastic, it has a mesh plant basket built into a removable lid.
- **A fitting kit** - A sealing gland a elbow clip and 30cm of clear pipe for checking the level of your nutrient solution.
- **The pump and air stones** - this supplies the oxygen to your root zone via two air-stone's placed in the bottom of the pot, the pump sits outside the pot.

## Lets start by checking you've got everything you need.

You won't need any tools but we recommend you have a cup of boiling water handy.

- 18 Litre outer bucket (A)
- Lid incorporating mesh basket (B)
- Observation cap (C)
- IWS elbow (D)
- Air pipe clip (E)
- Air lines (F)
- IWS sealing gland (G)
- Blue air pipe (H)
- Air pump (I)
- Air-stones (J)



**IF YOU THINK SOMETHING IS MISSING PLEASE CONTACT YOUR RETAILER.**

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### Assembling the IWS Oxygenated Pot is simple.

1. Take your IWS sealing gland and remove the nut and 1 washer
2. Fit the gland through the pre-drilled hole in your outer bucket, refit the washer and nut to the back and then tighten the nut.
3. Take your air pipe clip and fit into the hole near the top of the outer bucket's side
4. Warm one end of the blue air pipe and slide onto the barbed part of the IWS elbow
5. Slide the smooth part of the elbow into the gland so the pipe is facing upwards, secure with the air pipe clip and then tighten the gland onto the elbow

### Now we need to prepare the air pump for use.

1. Take your air stone's and slide the air pipe's onto them.
2. Place the air stone in the bottom of the outer bucket, thread the air pipe through the hole at the top of the bucket's side
3. Connect the air pipe to the outlet's on the air pump
4. Place your air pump in your growing area and plug in to a power supply.

Once you've added the basket lid your oxy-pot is ready to use.

We recommend that you replace the nutrient solution on a weekly basis. To do this simply unclip the pipe from it's clip near the top of the pot and turn it so the IWS elbow is horizontal. Doing this will drain off the solution from the pot so it can be disposed of.



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**Great stuff! Now you're ready to get growing!**