

## Eco Flo 6 & 8 DTF/DWC Assembly Guide



### Contents:

- Water pump
- Manifold with feeding tubes
- Air pump
- Air injection technology
- Net pots, elbow emitters.
- Grodan starter cubes
- Growstones grow media (may use your favorite)
- Starter nutrients
- Red fill cap/drain plug/syringe for checking pH



Assemble the Air Injection. Attach the clear air line and feed it through the right or left hole at the handle of the reservoir. Attach the clear air line to the air pump. Fill the reservoir with fresh water and nutrients. Three to Six gallons of water is plenty. The air pump and water pump run 24 hours a day, this provides oxygen and nutrients to the roots constantly. With the air injection you are able to use a very small single outlet air pump. This saves you money. Make sure the air injection is completely under water for even air flow. It is ok if the water pump sits on top of the air injection. You may use a automatic timer for the water pump if you choose, this will allow you to run the pump 30 min. on and several hours off. The air pump should run all the time.



Connect the six or eight feeding tubes to the manifold. The blue line connects to the water pump. It is ok if the pump lays sideways over the Air Injection lines. Feed each of the feeding tubes into the net pots as shown below. The cord for the water pump hangs over the edge and snap the lid on.



Push the feeding tube through the side of the net pot. Or you can use the elbows provided and push them into the hole on the side of the net pot, then install the water line onto the elbow. There is also extra black tubing you can cut to extend the emitter elbows. Fill the net pot with your favorite grow media. If you use Hrdroton or Growstones, make sure you rinse with fresh water to remove any dust before using.

Go to [grodan101.com](http://grodan101.com) for information on how to start seeds.  
For how to videos go to: [modularhydro.com](http://modularhydro.com)



Fill the reservoir with at least three to six gallons of fresh water. Add nutrients and test the pH 5.5 to 6.5. Start with 1 tsp. or less per gallon of fresh water for young plants. Don't forget to install the black drain plug by pressure fitting to the hole on the bottom of the reservoir.



Adjust the pump flow so there is about one quarter inch or so of water coming out of each feeding tube. Recommended running time is up to you. Add a automatic timer and the system can be off at night, this will give the plants time to rest. The air pump should be on all the time to provide air to the roots.