

Black Bucket DWC 4 Site Veg System Instructions

1. (1) Air Pump



2. (4) 3" Net Pots



3. (1) 5 Gallon Bucket (Reservoir)



4. (1) Bucket Lid



5. (1) 4" Air Stone



6. (2) Liters ViaStone Expanded Clay



7. (4) Super Starter Plugs



8. (1) 1/2" Grommet



9. (1) 1/2" Barbed "L"



10. (1) 18" Transparent Blue 1/2" Tubing



11. (1) 10' Length of 1/4" Clear Tubing



Preparation:

1. Wash and rinse your ViaStone Clay Rocks thoroughly before placing them in the 3" Net Pots.

2. The Super Starter Plugs are provided to germinate seeds or to propagate cuttings in. Place the seeds at the recommended planting depth and keep them moist, but not saturated with water. They should always be moist but never soggy. Seedlings generally thrive at 75-85° with 60%+ humidity. When the seedlings are ready to transplant, bury each Super Starter Plug into the 3" Net Pot so that the top of the Super Starter Plug is covered with a thin layer of ViaStone Clay Rocks. Make sure that the bottom of the seedling root system will be in contact with the bubbling water-nutrient solution. As the roots grow, decrease the water-nutrient solution level to keep the root mass from being submerged completely.

System Assembly:

1. The 5 Gallon Bucket will have one pre-drilled hole in the bottom of the side wall. Insert the 1/2" Grommet into the pre-drilled hole, then insert one side of the Barbed "L" until it is firmly seated inside of the grommet with the exposed end facing up. Now push the 18" length of transparent blue tubing over the open end of the Barbed "L". This length of tubing will be used as your water level indicator and will allow you to visually inspect the water level inside of the system without removing the lid. Make sure the transparent blue tubing is pointed up.

2. Attach one end of the 1/4" Clear Tubing to the 4" Air Stone by gently pushing the tubing over blue plastic barb on the Air Stone nipple. Now place the 4" Air Stone at the bottom of the 5 Gallon Bucket.

3. Run the other end of the 1/4" Clear Tubing through the Bucket Lid. Attach the open end of the 1/4" Clear Tubing to the Air Pump nipple. The Air Pump should be elevated above the height of the system at all times. This will prevent water from entering the Air Pump and damaging it.

4. Place three of the four 3" Net Pots into the lid of the system and press the Bucket Lid firmly onto the bucket.

5. Using the open Net Pot site, fill the 5 Gallon Bucket (Reservoir) with a water-nutrient solution until the lower 1/2" of the 3" Net Pots are submerged in water.

6. Place the last 3" Net Pot into the remaining hole of the Bucket Lid.

7. Plug in the Air Pump and you are ready to grow! The system will recirculate the water-nutrient solution until it runs low. Refill the 5 Gallon Bucket (reservoir) as needed.

