

Black Bucket Drip System Instructions

1. (1) Air Pump



2. (2) Liters ViaStone Expanded Clay



3. (1) 5 Gallon Bucket (reservoir)



4. (1) 5 Gallon Nursery Pot Insert



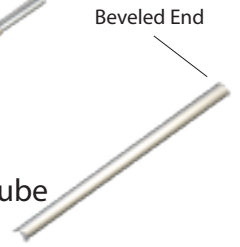
5. (1) Drip Ring



6. (1) Pumping Column



7. (1) Pumping Column Support Tube



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 5 Gallon Nursery Pot Insert.

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-nutrient solution level inside of the system without removing the lid. Make sure the transparent blue tubing is pointed up.

2. Push the beveled end of the Pumping Column Support Tube into the large hole in the bottom of the 5 Gallon Nursery Pot Insert. Attach the Drip Ring to the Pumping Column. Ensure that the small holes in the Drip Ring are facing down. Push the entire Drip Ring down into the Pumping Column Support Tube until it touches the bottom of the reservoir.

3. Fill the 5 Gallon Nursery Pot Insert with the included ViaStone Clay Rocks; then fill the 5 Gallon Bucket (reservoir) with a water-nutrient solution.

4. Securely attach the 1/4" Clear Vinyl Tubing to the flexible tubing protruding from the top of the Pumping Column, then secure the other end 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.

5. 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.

