



SUPERPONICS®

BUBBLE FLOW BUCKETS

LET'S GET GROWING!

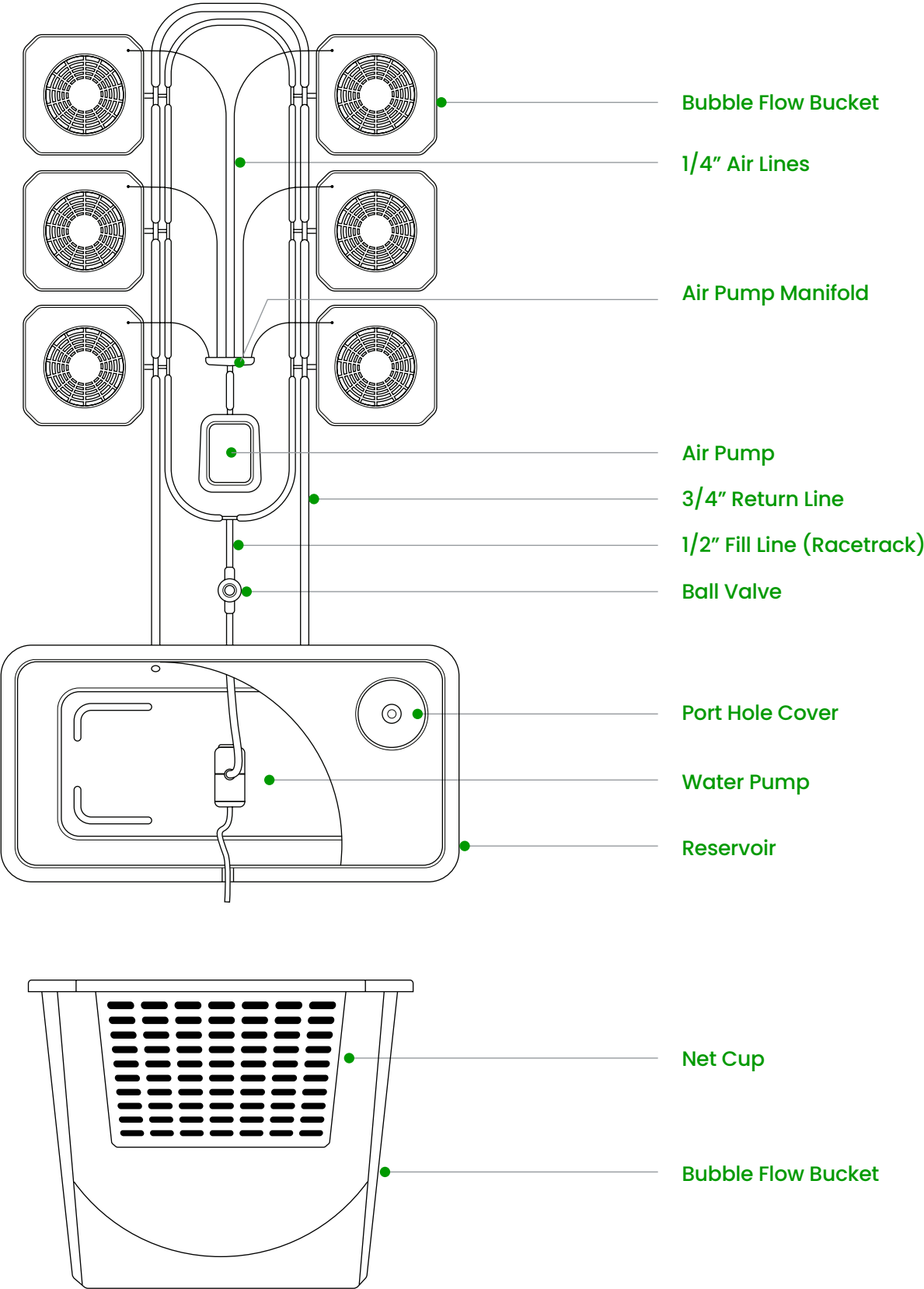
Thank you for choosing SuperPonics! We're excited to have you grow with us. Please read through each step of this user manual to get your Bubble Flow Buckets setup for success! With the proper setup and care, this system will give you bountiful harvests for many years to come.

WEB: supercloset.com
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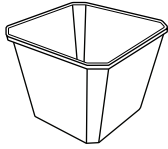
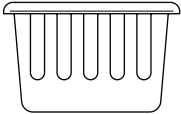
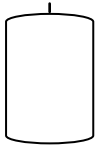
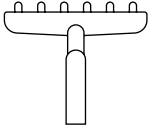
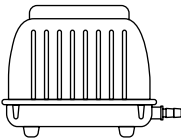
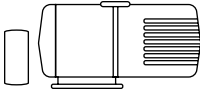
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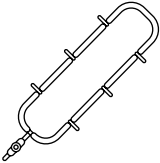
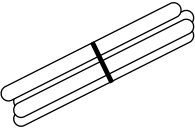
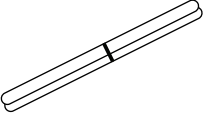
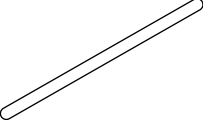
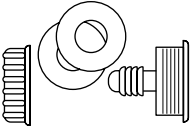
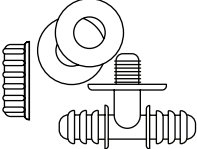
SPECIFICATIONS



COMPONENTS

| | NAME | 6-SITE | 8-SITE | 10-SITE | 12-SITE | 24-SITE |
|---|---------------------------|--------|--------|---------|---------|---------|
|  | Net Cup | 6 | 8 | 10 | 12 | 24 |
|  | Bubble Flow Bucket | 6 | 8 | 10 | 12 | 24 |
|  | Reservoir | 1 | 1 | 1 | 1 | 2 |
|  | Air Stone | 6 | 8 | 10 | 12 | 24 |
|  | Air Pump Manifold | 1 | 1 | 1 | 1 | 2 |
|  | Air Pump | 1 | 1 | 1 | 1 | 2 |
|  | Water Pump | 1 | 1 | 1 | 1 | 2 |

COMPONENTS

| | NAME | 6-SITE | 8-SITE | 10-SITE | 12-SITE | 24-SITE |
|---|------------------|--------|--------|---------|---------|---------|
|  | 1/2" Fill Line | 1 | 1 | 1 | 1 | 2 |
|  | 3/4" X 18" Lines | 4 | 6 | 8 | 10 | 20 |
|  | 3/4" X 28" Lines | 2 | 2 | 2 | 2 | 4 |
|  | 3/4" X 31" Line | 1 | 1 | 1 | 1 | 2 |
|  | 1/2" Hardware | 6 | 8 | 10 | 12 | 24 |
|  | 3/4" Hardware | 6 | 8 | 10 | 12 | 24 |

UNPACKING THE SYSTEM

Carefully unbox your SuperPonics system and remove all contents from inside the reservoir in an organized manner.

NOTE: DO NOT MIX UP COMPONENTS. Many parts are similar in appearance. It is important to keep them organized in order to ensure successful placement during assembly.

Prior to setup, make sure you have all of the necessary components by cross referencing with the Quality Assurance Checklist (QAC). Take this time to familiarize yourself with each of the components.

NOTE: DO NOT THROW AWAY THIS LIST. It may be needed for future reference.

Quality Assurance Checklist

| | |
|---|--|
| ✓ | |
| ✓ | |
| ✓ | |
| ✓ | |
| ✓ | |
| ✓ | |

[Signature]

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IMPORTANT

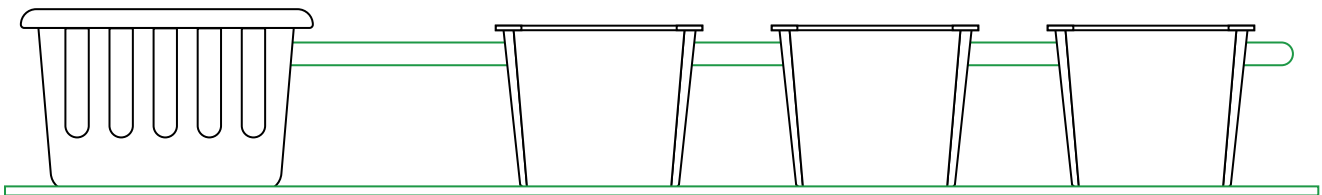
In order for this system to properly function, it **MUST** be set up on a completely level surface. In addition, all 3/4" return lines **MUST** be level.

NOTE: If tubing is not straight, it may be placed in the sun on a warm day to make it more pliable. Alternately, you may use a hair dryer or heat gun to assist in straightening the tubing. Be careful not to overheat and damage the tubing.

GOOD TO GROW!

✔ Level floor

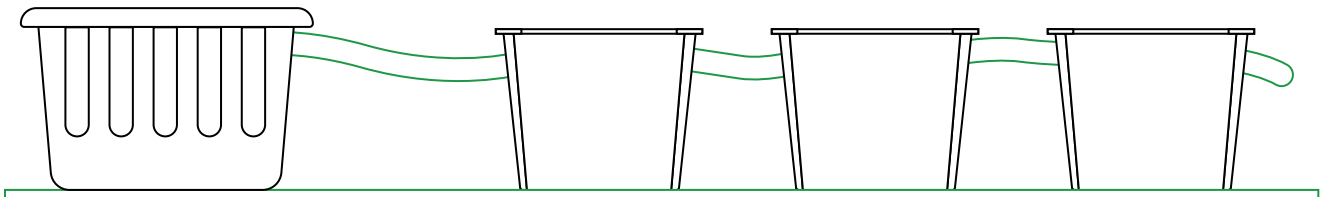
✔ Level 3/4" return lines



Twist lines on fittings until they are as level as possible.

✔ Level floor

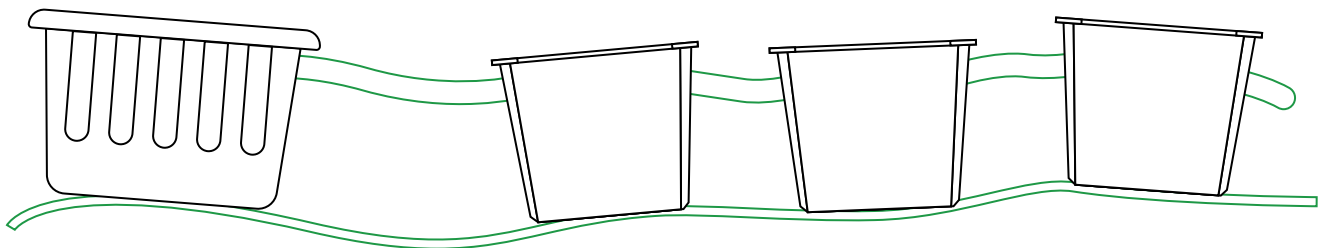
✘ Level 3/4" return lines



Find a more level location. Twist lines on fittings until they are as level as possible.

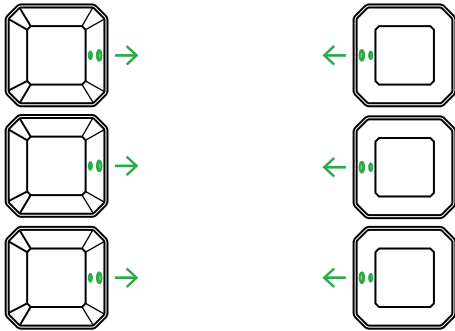
✘ Level floor

✘ Level 3/4" return lines



SET UP

1



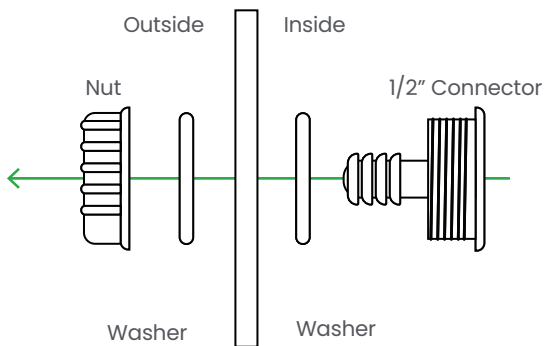
Your Bubble Flow Bucket comes with 6, 8, 10, 12, or 24 pre-drilled buckets. Set the buckets near your desired grow room location in two equal rows on the floor. The side with the pre-drilled holes should face the interior of your setup.

NOTE: The 6-Site is shown for demonstration, but setup is the same for all systems.



CAUTION: Fittings in step 2 & 3 must be securely tightened on both the inside and outside of the bucket. Failure to tighten properly may result in leaks. If you notice any leaks, tighten fittings more. If leaks persist, use teflon tape on the threads to help secure the seal.

2

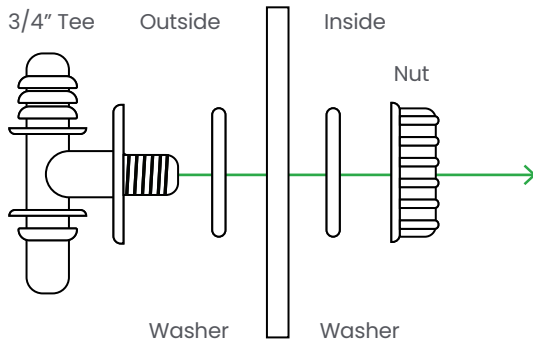


Install the 1/2" fill line outlets in the **BOTTOM** hole of each bucket. Each fitting comes standard with two rubber washers for proper sealing. Make certain that you have installed the fitting with one washer on the inside of the bucket and the other washer on the outside.

CUTAWAY SIDE VIEW OF BUCKET

SET UP

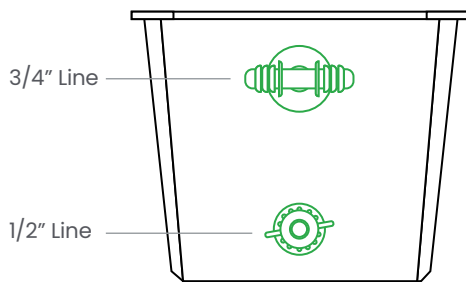
3



Install the 3/4" drain line outlet tees in the **TOP** hole of each bucket. Each fitting comes standard with two rubber washers for proper sealing. Make certain that you have installed the fitting with one washer on the inside of the bucket and the other washer on the outside.

CUTAWAY SIDE VIEW OF BUCKET

4

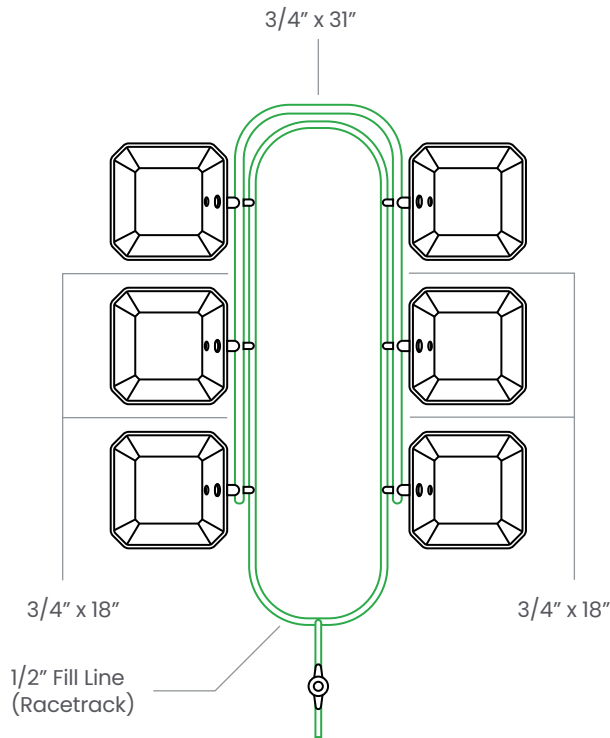


Make sure the fittings are tight and secure, but do not overtighten. Rearranging the placement of the buckets once the tubes are connected may loosen the connections. As an extra measure, check your connections and tighten them throughout the process of assembling the tubing for your system.

SIDE VIEW OF BUCKET

FILL & DRAIN LINE INSTALLATION

5



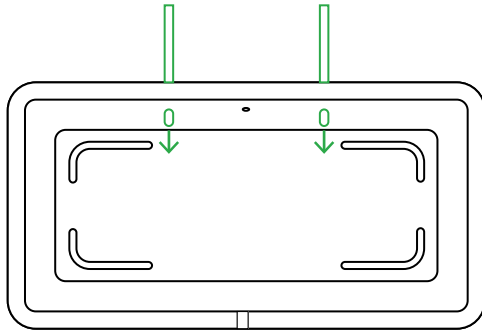
Attach the 1/2" fill line outlets (racetrack) onto your two rows of buckets.

Attach the 3/4" x 31" length of line (the only one of this length) to the two buckets furthest from the reservoir. Soap and water can be used as lubrication to help the line slide onto the fittings.

Attach the 3/4" x 18" length of lines (yellow zip tie) to the 3/4" drain line outlet tees between the remaining buckets.

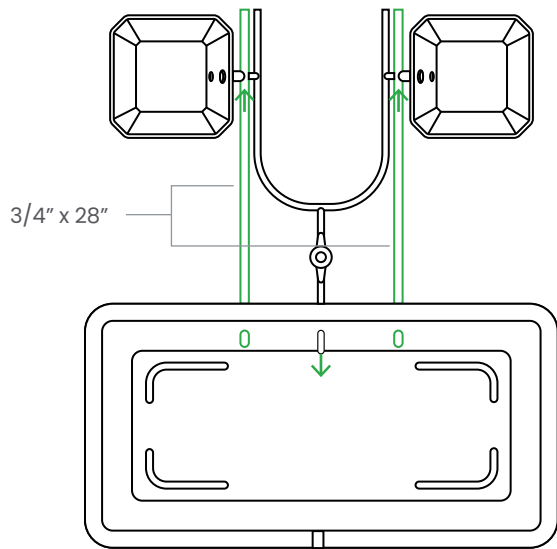
CONNECTING THE RESERVOIR

6



From the outside of the reservoir, insert the ends of the two 3/4" x 28" lengths of line (green zip tie) with fittings pre-installed in one end of the tubing into the grommet holes located on either side of the reservoir. Lubricate as necessary with soap and water.

7

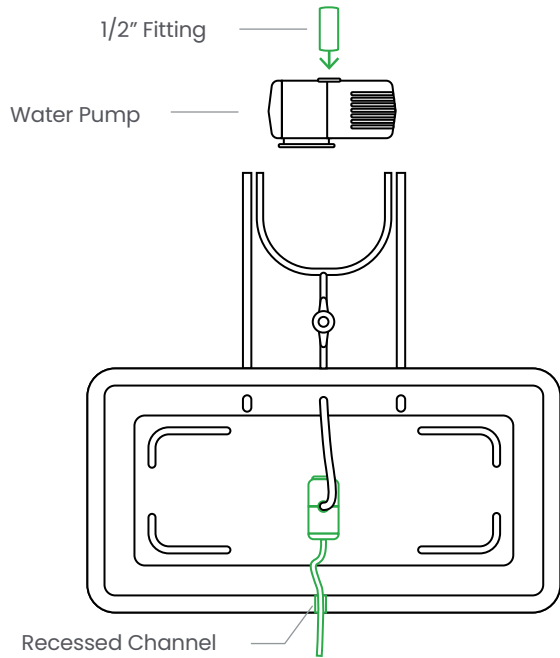


Attach the other ends of the 3/4" x 28" lines to the drain line outlet tees of the two buckets closest to the reservoir. These are the 3/4" lengths of line mentioned in step #7.

Locate the end of the 1/2" fill line (racetrack) with the attached ball valve and insert it through the small hole in the center of the reservoir.

CONNECTING THE RESERVOIR

8



Unpack your water pump. The water pump includes a bag with multiple fittings. Use ONLY the 1/2" male metallic threaded fitting to connect to the threaded female connection on the water pump. The fitting will stick out and is barbed so the 1/2" tubing can slide over the fitting to form a seal.

With the water pump in the reservoir, run the power cord through the small recessed channel located on the top edge of the reservoir. The lid will fit snugly over the reservoir and power cord.

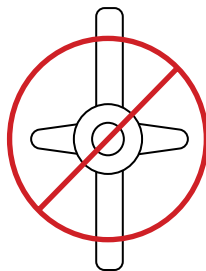
NOTE: Air lines from any additional air stones you may want to add to your reservoir can be run through this channel. (Additional air stones not included).ir, run the power cord through the small recessed channel located on the top edge of the reservoir. The lid will fit snugly over the reservoir and power cord.

CONNECTING THE RESERVOIR CONT.

9



Open



Closed

Make sure that the ball valve is in the open OPEN CLOSED position, with the handle running parallel with the body of the valve. The ball valve can be opened and closed (slightly) to regulate the water pressure of the system as needed.

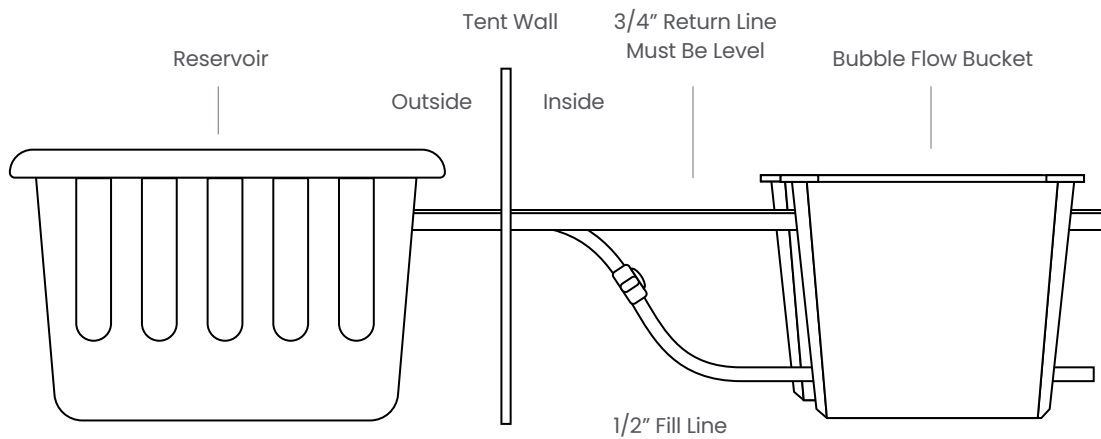
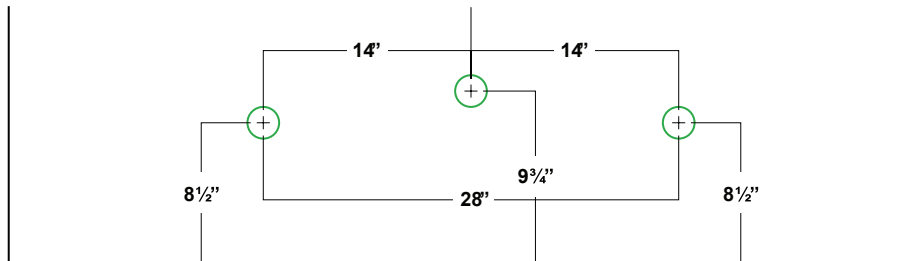


CAUTION: If you are installing your Bubble Flow Buckets for use in a Grow Tent, place your reservoir on the outside of the tent. This will help to keep the water at a desirable temperature and allow you access to the reservoir without disturbing your grow environment. This arrangement may require notching small openings for your fill and drain lines to pass through the wall of the tent. For proper operation of the Bubble Flow Buckets, all drain lines must be completely level from the buckets to the reservoir to ensure proper draining.

CONNECTING THE RESERVOIR CONT.

10

CENTER OF TENT WALL

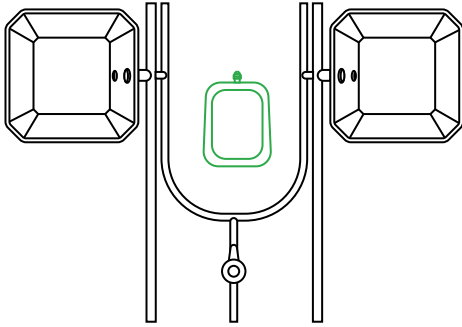


Use the following diagram to lay out where you will be making the incisions. We suggest putting a small piece of tape inside and outside of the incision locations to ensure the cut does not spread. After laying out your incision locations and double checking to ensure they are correct, use a sharp

X-ACTO knife or box cutter to make the incisions. Start with a small "X"-shaped incision, as you can make it larger if needed. Once incisions are made, place the reservoir outside the tent and connect the tubing to the reservoir through the appropriate holes.

AIR PUMP INSTALLATION

11

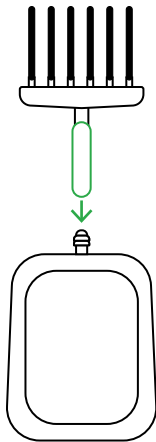


Remove the air pump from the box and position 14 in the middle of the 1/2" fill line (racetrack).



CAUTION: Never submerge the air pump in water.

12

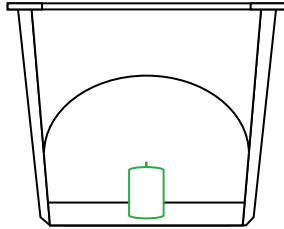


Attach the included 1/2" straight male pronged 15 connector to the air pump.

Attach the air pump manifold with pre-installed 1/4" tubing to the air pump using the 1/2" tube included with the air pump.

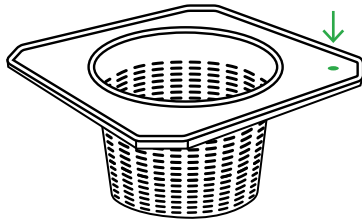
AIR PUMP INSTALLATION

13



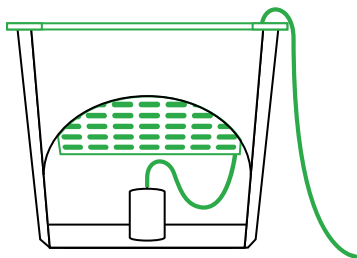
Unwrap the provided air stones and place one in the bottom of each bucket.

14



Locate your net cups. Note the hole in the top of the lid. This will be used to route the 1/4" air line to your air stones.

15



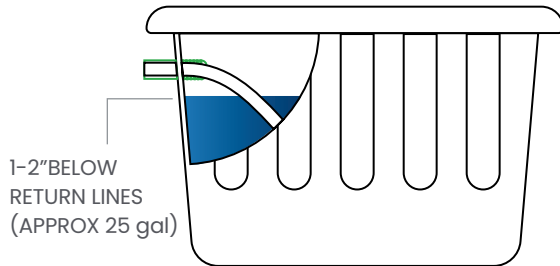
Insert one 1/4" tubing into each of the 1/4" holes located on the top of the net cup lids. Connect the 1/4" tubing to the air stone inside the bucket. Situate the air stone in the center of the bucket and place the net cup in the bucket. Repeat this process for all of your buckets.

AIR PUMP INSTALLATION



CAUTION: The reservoir has a 35-gallon capacity with a MAXIMUM fill level of approximately 25 gallons. The Bubble Flow Buckets have a 6.6-gallon capacity with a MAXIMUM fill level of approximately 5 gallons. DO NOT OVERFILL YOUR SYSTEM!

16



Your reservoir will hold approximately 25 gallons. Fill the reservoir with plain tap water to the point where the water level is just beneath the two (2) 3/4" top holes (drain returns) coming from your buckets. Keeping the water 1-2" below the holes provides a waterfall/bubbling effect and will oxygenate the water in the reservoir.

FILLING BUCKETS & RESERVOIR

17

Plug in and turn on your water pump. Check your buckets to verify they are beginning to fill with water via the 1/2" fill line (racetrack).



CAUTION: At this time it is extremely important to check the connection on all of your fittings to make sure they are snug and sealed. If you notice a leak from any of the fittings, tighten the fitting more securely. If a leak persists, it may be necessary to use teflon tape on the threads of the fitting.

FILLING BUCKETS & RESERVOIR

18

When the water level in the reservoir sinks to 3", refill the reservoir to within 1-2" of the 3/4" return lines. Reference the chart below for approximations on how many gallons your specific system holds. At this point, there should be enough water for the buckets to fully fill and start to drain back to the reservoir via the upper row of 3/4" return lines.



NOTE: The ball valve can be opened or closed slightly to regulate water pressure and the flow of the entire system. When the handle of the ball valve is in line with the 1/2" hose, it is completely open. If you wish to have less pressure, slightly close the ball valve until the desired level is reached.

| NAME | 6-SITE | 8-SITE | 10-SITE | 12-SITE | 24-SITE |
|--|--------|--------|---------|---------|---------|
| TOTAL SYSTEM CAPACITY (Gallons) | 55 gal | 65 gal | 75 gal | 85 gal | 170 gal |

19

Plug in and turn on your air pump. Verify that the air stones are all emitting oxygen bubbles in each bucket.

GET THE MOST FROM YOUR SYSTEM

This system works best with a 1.5" rockwool cube medium, stabilized with Hydroton/Hydrocorn (clay stones or pellets).

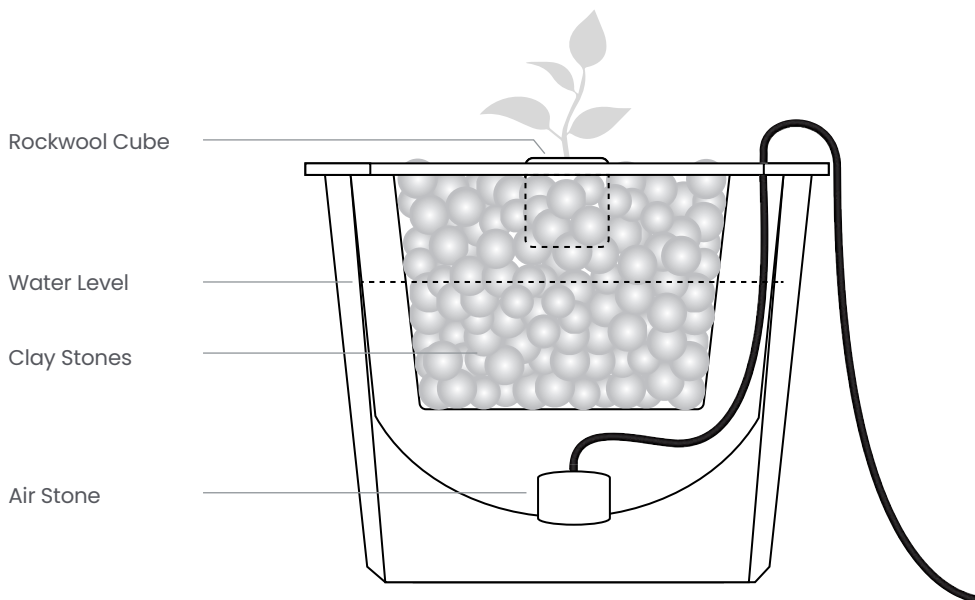
With this or any bucket system, in order to help initiate strong root development, we recommend that you manually hand water every other day for the first week or two after transplanting your plants into the system. Although this is not totally necessary, it will speed up the process of the roots finding the super-oxygenated bath that awaits them below.

During mid to late flowering, when conducting water changes, please conduct regular "finger sweeps" of the 3/4" (top) holes to ensure that there are no blockages due to excessive or flaking roots.

It is a good idea to always keep the water level in your reservoir just below the drain return lines. This will ensure that the flow into the buckets remains constant and your system never runs dry. To ensure this does not happen, you should occasionally top off the reservoir using water or a nutrient solution.



CAUTION: The bubble flow system is designed to continuously run. Make sure your air and water pumps are always on.



CUTAWAY SIDE VIEW OF BUCKET



Happy with your Bubble Flow Bucket?

Please consider writing a review at the place of purchase. Also, please like and share with us on Instagram @super.closet



Not happy with your product or experience?

Please reach out to our amazing grow support staff by visiting:
<https://support.growstrongindustries.com>

