

HomeGro SOG Getting Started

System Nutrients & Maintenance

Adding Media

Suggested Media – Red Lava Rock, Hydroton or Perlite – Media not included (Do Not Use Soil)

Fill each of the plastic net pots with the chosen media, leaving room for the foam disks provided to sit level with the lip of the pots.

Transplanting Clones/Young Plants

The HomeGro SOG system is designed for previously rooted plants or clones. The unit is not designed to grow plants from seeds or act as a cloner.

Before transplanting into the HomeGro system, plants must be clean of any soil or organic material. To clean, carefully remove the plants from their container, and simply run under room temperature water to remove any material attached to the rooting structure.

Remove enough of the media into a separate container to allow space for the plant. Place the plant in the center of the grow pot and cover roots with media (approximately ½" above highest root).

Secure the foam disk around the base of the plant and ensure it is level with the lid of the pot. Attach the plastic white net pot caps to each of the plants.

Water Level

Water levels must be maintained per the below instruction to ensure productive plant growth.

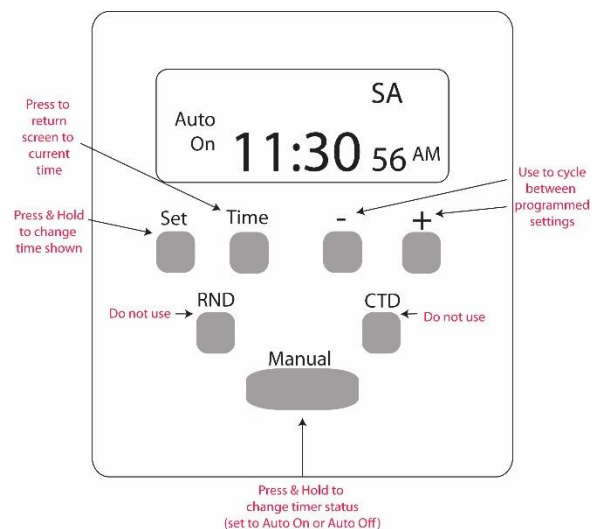
Fill the water reservoir to the top of the misting manifold. If the water drops below the top of the pump, fill again to the top of the misting manifold.

Setting Timers

The HomeGro SOG comes with one pre-programmed timer set to Pacific Standard Time (consult included Timer Instructions to change local time). The timers incorporate a battery backup to maintain settings, however if programming has been lost, simply follow included manufacturer instructions for setting timers according to the below schedule.

Light Timer Settings			
Vegetative		Bloom	
On	Off	On	Off
6AM	12AM	6AM	6PM

The timers require that users set them to Auto On or Auto Off depending on the time period they are plugged in. To change the mode, simply press the manual button on the timer until the desired Auto setting is shown. If plugged in during the on period of the timer, select Auto On, if during the off period, Auto Off should be selected. (i.e. if turning system on at 7PM, the light timer would be set to Auto On, whereas the pump timer would be set to Auto Off.





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Light Timer

To switch the plants from Vegetative to Blooming growth cycle, the Light Timer will need to be switched from an 18hr to 12hr on cycle. The timer comes pre-programmed for the Vegetative cycle of the plant (6am-12am PST).

*Note – The time frame for switching to bloom is not fixed. As rule of thumb, when the plants are approximately 2 feet from the light, it is time to switch to bloom. At the beginning of Week 6, switch the Timer from an 18hr to a 12hr light cycle to promote budding. To do so, simply press the “+” button twice, until the LCD screen flashes 1off. Press the “set” button twice, then using the “+” button change the time to 6pm. Once set, press the “time” button to return to the main screen.

Nutrient Schedule

Using Third Party Nutrients –

While the HomeGro SOG Solution provides all the nutrients required for one full grow cycle, users are free to use the nutrients of their choosing. Simply follow the dosing recommendations from the manufacture for recirculating aeroponic systems.

Using provided HomeGro SOG Nutrients -

It is recommended that users make note of the start date of when they first began the growing process with their clones

More nutrients can be purchased at www.myurbangreenhouse.com; or feel free to source an alternative nutrient solution from their local Hydroponics Grow store.

Adding Nutrients

Once the unit has been assembled, water is circulating and plants have been added, users should immediately begin the nutrient addition.

To begin, locate the nutrient packet labeled MaxiGro. Add 2 of the larger scoops every week when adding water. Repeat process for approximately 4-6 weeks. Generally the SOG system requires 4-6 weeks of vegetative growth, however this varies with different strains. A good rule of thumb is to switch to bloom when the plants are approximately two feet from the bottom of the light.

Once you have changed the lights to Bloom, begin using the MaxiBloom nutrient packet. As with the MaxiGro solution, add 2 of the large scoops every week when adding water. Before harvesting the plants, ensure at least two weeks of only water with no nutrients.

It is recommended that users empty the sump completely and add fresh water to ensure a complete plant cleanse prior to harvesting.

Once the first nutrient cycle has been added, you may now plug in the surge protector and start Growing!