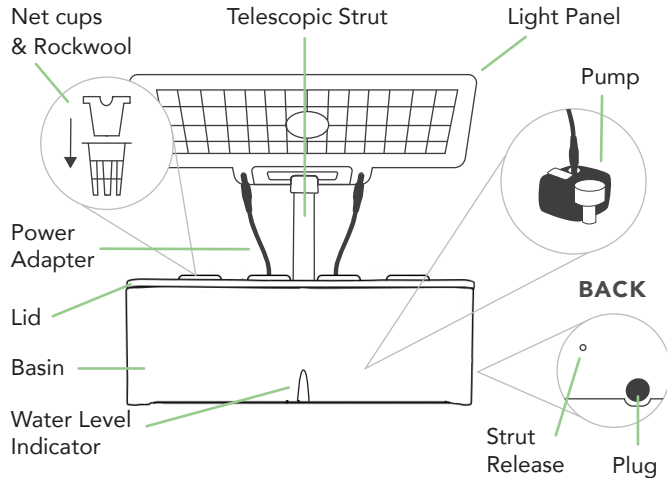


## INCLUDED

- Users manual
- AC to 12V DC Power adapter
- Full Spectrum LED Light Panel
- Lid & Basin (with rubber plug)
- Pump & cord
- Telescopic Strut
- Hydroponic Nutrients
- Net cups x12
- Rockwool cubes x12
- Germination domes x12
- Module caps x6



**Note:** The module caps can be used to cover an empty slot in your TerraGarden. This helps prevent light touching your nutrient water - which reduces the likelihood of algae growth.

## WATER & NUTRIENTS

Refill the basin as needed, making sure to keep the roots of your plant submerged.

Our nutrients are packed with all the macro and micronutrients that are required for plant growth. Please refer to nutrient instructions for suggested mixing ratios.

If you want to get the most out of your TerraGarden, we recommend using a nutrient meter. Nutrient meters allow you to test the concentration of nutrients in your solution leading to accurate nutrient dosage and faster, healthier plant growth. We estimate that accurate dosing can boost growth by around 30%. We have nutrient meters available on our website.

## CONTROLS

Turning the power ON will commence the light sequence of 18hrs ON / 6hrs OFF, as well as the automatic fan & water pump, which will turn itself on/off in a cycle of 30min ON / 30min OFF.



**POWER**  
Touch to turn ON/OFF



**WATER PUMP**  
Helps aerate water & circulate nutrients around the reservoir.



**FAN**  
Provides airflow over the leaves which is essential for plants to transpire (breathe).



**SEEDLING MODE**  
Helps give your plants a boost in their seedling phase by activating all the light diodes on the light panel (blue, red and white light).



**ECO MODE**  
Uses just the red and white light diodes and can be used when your plants are over 10cm tall.

## TO DISMANTLE

During assembly, the telescopic strut will lock into the basin. To remove the telescopic strut from the basin, use a pen or a stong narrow object to push the small circle next to the plug in the back of the basin to release the telescopic strut. With this pressed, lift the strut out.

## SPECIFICATIONS

Amperage (A): 3	Annual power consumption (kWh): 236
Voltage (V): 12	Max. Grow Height (cm): 27
Wattage (W): 36	

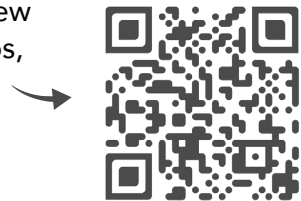
URBAN  
PLANT  
GROWERS

# TERRA GARDEN



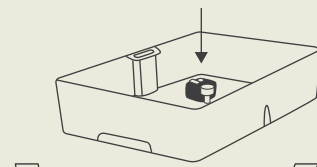
## USERS MANUAL

Scan the QR code to view our helpful set up videos, links & resources!

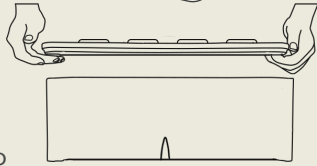


# 1. ASSEMBLY

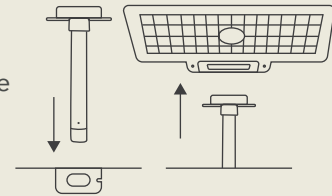
a. Ensure the pump is stuck down securely to the base of the basin.



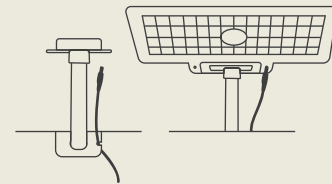
b. Place the lid back on the basin.



c. Slot the telescopic strut into the back of the basin and into the light panel with the light facing downwards. The height of the panel can be adjusted by turning the circular knob on the strut to tighten or loosen the strut as you position its height.

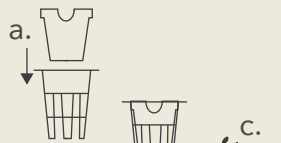


d. Feed the black pump cord through the lid & into the connection point on the under-side of the light panel.

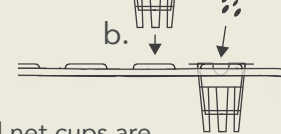


# 2. PLANTING

a. Cut the rockwool cubes into individual pieces and place each one into a plastic net cup.



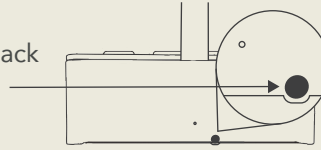
b. Place each net cup (now containing rockwool cube) into the holes in the basin lid, making sure that the rockwool cubes and net cups are level with the surface of the basin lid.



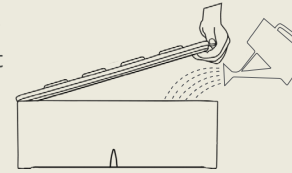
c. Use tweezers to place 2-4 seeds into each rockwool cube. (Plant extra incase some don't germinate.) **Note:** some seeds have specific soaking or preparation requirements.

TOP TIP!

d. Ensure rubber plug at the back of the water basin is secured before filling basin with water.



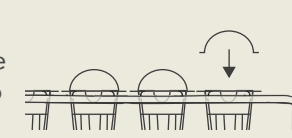
e. Fill basin with 6 Litres of water so that the water reaches the net cups and soaks the rockwool completely.



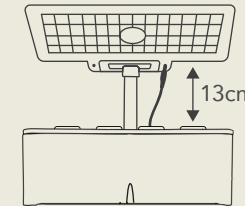
f. Sprinkle a few drops of water directly onto the seeds to make sure they've been activated.



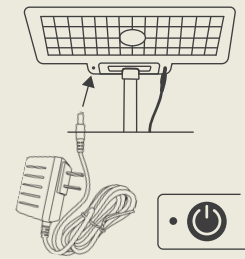
g. Place the reusable plastic germination domes on top of the rockwool cubes. The domes help increase the humidity, which helps seeds germinate sooner!



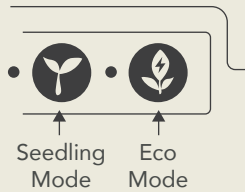
h. Position the light at its lowest setting during the plant germination phase. Adjust the height and harvest your plants as they grow so that they don't get too close to the light!



i. Connect the power adapter to the light panel and plug into a power outlet. Press the power button to activate the light and pump on an automatic timer. Your seeds don't need light until they've germinated, so once they start to pop up you can activate your grow light.





j. Press the corresponding buttons on the touchpad to select between the two grow light settings: Seedling Mode (used for raising seedlings) and Eco Mode (a more efficient setting for when your plants are properly developed).





# REPLANTING

When your plants have grown and you've harvested a bumper crop, it may be time to reset your TerraGarden and get a new set of seeds growing! Here are some tips for replanting which will help you keep your system in tip top condition:

 **A few weeks before you expect your plant to reach its end of life, plant some seeds in a new set of rockwool cubes.** You can place the block inside a takeaway container or a bowl and place it near the TerraGarden. By the time your old plants have been fully harvested - you'll have a new set of seedlings ready to be planted into your TerraGarden!

 **At the end of each growing cycle, disconnect your TerraGarden from power, remove the light from the system, and give your basin a good wash** with soap and water. This will help clean out any old residue from your last crop.

 **Growing root cuttings** can be an awesome way to shave weeks off your growing schedule - see the note below for more info!





 We offer **replant packs** on our website that have everything you need to get your new crop growing. It comes at a discounted rate and can be bought in **subscriptions** so that you never have to worry about running out of supplies again!

# ROOT CUTTINGS

Cuttings can be rooted in rockwool too! They're an awesome way to save time (growing from cuttings can trim around 4 to 6 weeks off your growing schedule!), and use up any spare cuttings that you may have.

Prepare by soaking the rockwool cube in water, then simply cut the parent plant as you normally would (usually just below a "node" on the plant stem and at a 45° degree angle), and then trim some of the unnecessary leaves back (this will increase the likelihood of the cutting surviving). Dip the cutting in rooting hormone (optional) and embed the cutting slightly in the hole at the top of the rockwool cube. Keep the cutting in bright indirect light and it should grow roots within a few weeks!

# WHAT YOU CAN GROW:

-  Herbs
  -  Leafy greens
  -  Flowers
  -  Small fruiting plants
- try... Basil  
Kale, Lettuce  
Nasturtium  
Dwarf varieties of Tomato

## WARNING!

- ! Keep the basin clean.
- ! Trim any roots that begin to wind around the water pump.
- ! Keep plant branches & leaves away from the fan.
- ! Keep water away from power cords and connection points. Note that the pump is submersible.
- ! Keep water away from light panel & touchpad controls.