

# AERO Mini & Mobile Garden

## Set-Up Instructions



**REAL. PURE. FOOD.**

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Follow us on Instagram at "Think Aeroponics"

Thank you for your purchase of our Mini (2 column) or Mobile Garden (4 column) unit. We hope you will enjoy many years of planting and enjoy the harvests that come.

If you have any questions, please feel free to reach out to us by email at [info@thinkaero.co](mailto:info@thinkaero.co).

We would also like to see and hear how you are doing. By sharing pictures and videos of your experience through Instagram, we can participate in the exciting progress of your new garden. Our Instagram account is “**Think Aeroponics**”. Be sure to tag us in your posts!

### **What's in the Mini Garden Box:**

- Mini Garden
  - Base with Wheels attached
  - Two grow columns
- One-year supply of seeds (over 1000 seeds),
- Nutrients A and B (in separate labeled containers)
- Nutrient A & B ½ gallon Mixing Containers (labeled)
- 1 oz. measuring spoon
- 50 rockwool cubes
- Waterproof Timer
- PH Test Kit
- Plant Tags
- Instructions

### **What's in the Mobile Garden Box:**

- Mobile Garden
  - Base with Wheels attached
  - Four grow columns
- One-year supply of seeds (over 1000 seeds),
- Nutrients A and B (in separate labeled containers)
- Nutrient A & B ½ gallon Mixing Containers (labeled)
- 1 oz. measuring spoon
- 98 rockwool cubes
- Waterproof Timer
- PH Test Kit
- Plant Tags
- Instructions

For questions about growing plants with your AERO Garden,  
email [info@thinkaero.co](mailto:info@thinkaero.co).

## Assembly Instructions

The Mini and Mobile Gardens require basic assembly. Remove your AERO Garden from the box and check that all the above mentioned pieces are included. Also note that your AERO Garden will need access to standard 110 volt power.

- Begin by placing the reservoir base with the wheels on the ground and lock the two locking wheels into place.
- Connect Column Posts to the Reservoir.
  - Within the Reservoir, below the holes for the column posts, are column pedestals designed to positively engage the bottom of the column post.
  - Take an assembled column post and slide the bottom of the post into an available hole in the reservoir.
  - Take care to ensure proper alignment of the column walls with the outside perimeter of the reservoir hole.
  - When the column assembly is inserted, the distribution cap assembly will rise about 3-4 inches above the top rim of the post column.
  - Gently, but firmly, push the distribution cap back down so it is flush with the top rim of the post column.
  - Repeat the above steps for each column assembly.
  - Place decorative caps on the top of each post column.

## Step-by-Step Growing Guide

It's time to mix the nutrients. There are two nutrient packets (A & B) included with your kit. Put each nutrient packet in its designated 1/2 gallon jug provided (Labeled "A Concentrate" and "B Concentrate"). Fill each with water (distilled or rain water is preferred). These will serve as your concentrated solution for your AERO Garden.

For every gallon of water, use 1 fl. oz. of each concentrated nutrient (A and B) solution. Use the 1 fl. oz scoop provided for measurement.

- The AERO Mini Garden holds 4 gallons of water. You should use a total of 4 fl. oz. of each concentrated nutrient (4 fl. oz of A and 4 fl. oz of B) solution. Simply remove the center cover of the reservoir and pour the nutrients into the reservoir first, followed by the water.
- The AERO Mobile Garden holds 10 gallons of water. You should use a total of 10 fl. oz. of each concentrated nutrient (10 fl. oz of A and 10 fl. oz of B) solution. Simply remove the center cover of the reservoir and pour the nutrients into the reservoir first, followed by the water.

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## Maintaining your Kitchen Garden

- The pH level of the water in the base should be tested at least once per week with the pH testing kit included. Refer to the instructions in the pH Testing kit for how to test the pH levels of your AERO Kitchen Garden. The ideal reading is 5.7 on your test indicator, with an acceptable range of 5.0 to 6.5.
- A timer was included with the AERO Garden. The timer should be set to run the AERO Garden pump for 15 minutes and 1 hour off. Each pin on the timer represents 15 minutes. Refer to the instruction guide included in the timer packaging for further details of how to set the timer.

*Note: The timer should be set for running during a 24-hour time period. Thus, it should be set 15 minutes and 1 hour off then 15 minutes on, 1 hour off, etc.*

- Reservoir Backwash - This step is for information if you wish to clean or store your unit. Many people “top off” their unit with A & B concentrate as water evaporates.
  - Disconnect the Mobile Garden from power.
  - Open the backwash valve found under the middle access cover on top.
  - Connect the garden hose outlet to a hose which has been routed to a drain.
  - Reconnect power and turn on the pump. The reservoir will empty to a level of approximately ¼” of water. It is acceptable to leave this minimal amount in the reservoir and refill with the mix ‘described in section above’.

## Additional Suggestions:

- Prior to planting, presoak the rockwool in water. Then, place the wet rockwool in each cup, followed by placing one seed in each of the center holes in the rock wool.
- Place Mobile Garden in the brightest location available.
  - South facing windows are ideal.
  - Supplementing your natural light with LED or Fluorescent light systems is strongly recommended for successful harvests. This is especially applicable during the shorter days of the winter months.