

# nutritower

Instruction Manual  
Nutritower - V2



## Nutritower - V2 Assembly Instructions



[www.nutritower.com](http://www.nutritower.com)  
[info@nutritower.com](mailto:info@nutritower.com)  
1-800-721-8419



## Nutritower Set-Up and Growing Guide

Welcome to the Nutritower Family and the exciting new world of indoor hydroponic gardening!

Your Nutritower is contained in two boxes and assembly will be quick and easy. Soon you'll be ready to start growing your own fresh vegetables, herbs, and fruits.

Contrary to popular belief, you don't need a green thumb to be a good gardener. This guide will help you get the most out of your plants. Once you get your seeds started and transplanted into the Nutritower, you'll find it's easy to maintain, and it won't be long till you are regularly enjoying the nutritious and delicious food you have grown.

Our YouTube channel offers many videos with step by step guidance - search for us for easy to follow instructions! [www.youtube.com/c/nutritower](http://www.youtube.com/c/nutritower) and Subscribe as we are always adding new videos.

Our customer service is here to help you as well and we can be reached Mon-Fri at 800-721-8419 or [info@nutritower.com](mailto:info@nutritower.com)

You can also ask questions online on our support page and directly from our website [www.nutritower.com](http://www.nutritower.com) [nutritower.zendesk.com/](http://nutritower.zendesk.com/)

Thanks again for your purchase. We look forward to hearing from you and receiving your pictures.

THESE NOTIFICATIONS SHOULD BE STUDIED BEFORE ANY ELECTRICAL CONNECTIONS ARE MADE.

Indoor use only, this product is not designed for out-door use.

Installation of the Nutritower ideally requires the collaboration of 2 people.

Do not touch any wire or electrical components with wet hands. Children should not use the Nutritower without adult supervision.

If any smell, noise or smoke is emitted from the system at any time, immediately unplug and contact customer service at 1-800-721-8419 - info@nutritower.com

\*To reduce the risk of floor damage, we recommend that the Nutritower be placed on a floor mat\*.

\*ALWAYS UNPLUG the Nutritower before performing any maintenance to avoid the risk of a spill or potential injury\*  
Misuse of the Nutritower can result in serious injury.  
DO NOT PULL ON or HANG FROM any part of this product.

WARNING – RISK OF INJURY – it is recommended to wear gloves and safety glasses at all times when removing the product from its carton, installing, servicing or performing maintenance.

WARNING – RISK OF ELECTRICAL SHOCK

\*Disconnect or turn off power before assembly and servicing.

Make all electrical and grounded connections in accordance with the National Electrical Code (NEC) and any applicable local code requirements.

WARNING-RISK OF BURN

\*Allow lamp/fixture to cool before handling. Do not touch the enclosure or light source.

# Box contents

## List of contents box A

- Base structure
- Top assembly
- Reservoir
- Pump
- Growstone
- Feeder tube
- Pump relay hose
- Suspension cables

## List of contents box B

- Central column
- 32 Pots
- 32 Netting pots
- 4 Fluorescent tubes (lights)
- Tools, screws and retainer clips

## List of contents box C

- Bottom base
- Wheels

# Assembly Steps

## Part 1: The Top

1.1 - Lay the top upside-down on the floor.

1.2 - Rest the column top on the edge of the top.

1.3 - Feed the power cable and watering tube through the central channel (column).



1.4 - Attach all the power connectors by color (blue, yellow, and green) for the lighting system (male pins into female receptor and twist to tighten).

1.5 - Squeeze the watering tube onto the manifold fitting in the center of the top.

**\*Make sure that all the connectors are tight from top to bottom - they may have loosened during transportation and could cause a safety risk.**



1.6 - Insert all wiring and tubing into the column.

1.7 - Raise the column vertically and insert the guides on the top into the column.

**\*Be careful not to pinch any of the wires from the top assembly between the top and the column's edge.**

1.8 - Fasten 4 of the included screws to secure the top to the column.



## Part 2: Bottom Assembly

2.1 - Open the removable cover on the base and remove all contents.

2.2 - Rest the bottom of the column on the top of the base.

2.3 - Attach the power cord connector from the column to the connector at the top of the base. Also, insert the watering tube in the opening at the top of the base.

2.4 - With a partner, lift the top and column into position with the bottom above the guides on the base.

2.5 - Guide the column onto the support guides on the base.

2.6 - Fasten the remaining 4 support screws to attach the column to the base.

\*When attaching the power lead to the lighting power cable inside the base, make sure to check that the connector is tightly fastened - it may have loosened during transport.



## Part 3: Light Bulb Installation

3.1 - Remove the caps on the light tube holders on the central column.

\*Be sure to verify that all the thin black seals on the caps are still attached. If not, you may need to retrieve them from the holder attached to the column and replace it on the cap.

3.2 - Insert the end caps on each extremity of a bulb with one facing up and the other facing down.

3.3 - Insert the bulb pins into the bulb holders on the tower at both extremities (top and bottom). The bulb will click into position.

3.4 - Fasten the end caps back onto the bulb holders.

\*Be careful to keep the bulb pins in the right position in the tube holders as you tighten the end caps.

3.5 - Once all 4 tubes are properly installed, plug in the lead cord for the lights to test that all tubes light up.

\*It is important to make sure the caps are screwed tightly on to prevent water from penetrating into the lighting fixtures.

\*If any of the tubes don't light up, please contact customer service immediately.



## Part 4: Hanging the Pots

4.1 - Lay out the 16 suspension cables.

4.2 - Insert the top clinch nut of each cable into the keyholes on the underside of the top housing.



4.3 - Suspend each pot by inserting the cables into the cable guides and seating them onto the cable clamps.



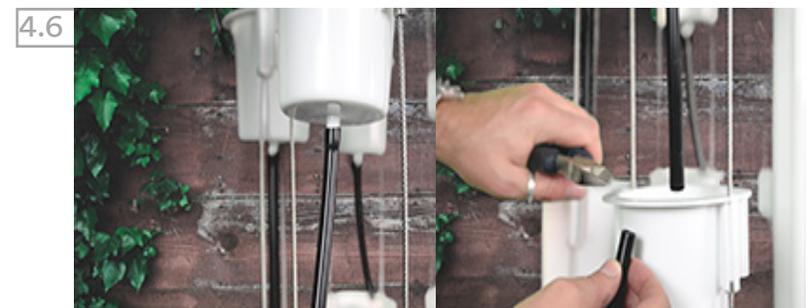
4.4 - Place the retention clip on either side of the pot to secure it in place.



4.5 - the tube exiting the top of the tower may need to be trimmed. It should be cut to the middle of the first pot.



4.6 - Attach the drain tubes to the bottom of each pot and cut the length of the tube even with the top of the pot beneath it (a half inch below the retention clip).



\* Do not pre-cut all the tubes as the length may vary from pot to pot and the bottom row requires a longer length of tubing.

4.6 - Attach the bottom drainage to and cut it to approximately 12 inches in length. They should sit about 3 inches into the reservoir.

4.6a



\*If these tubes are cut too long they can cause an airlock and subsequent overflow of the bottom pot.

4.6b



## Part 5 - Connecting the Pump and Testing

5.1 - Connect the main watering line inside the base to the pump.

\*Make sure the length of the tube is long enough that the pump sits firmly in the base but not so long that it kinks when the pump is in position.

5.1



5.2 - Fill the reservoir with water and replace inside the base. Submerge the pump in the water and position in the center of the reservoir.

5.3 - Place ALL the drainage tubes into the reservoir.

\*If this step is overlooked, it will cause a leak in the base. Always check that the drain tubes are reinserted in the reservoir to avoid water overflows.

5.3



5.4 - Double check that all the drain tubes between the pots are properly inserted.

5.5 - Plug in the pump and let run for a few minutes keeping an eye on the tower checking for any overflows.

5.5



5.6 - Plug in the lights and let run for a few minutes.

**Congratulations! You've completed your Nutritower set up! You are now ready to start transferring seedlings to the pots!**

**Happy Growing :)**

## Quick maintenance guide

### Daily

- Check water level. As plants mature and weather gets warmer, water will need to be topped up on a more regular basis.
- Check the water flow. If water flow isn't consistent there might be a blockage in the pot above.
- Check timer to ensure that everything is running smoothly.
- Trim any dead or wilted foliage.

### Weekly

- Change the water. Clean all residue from the reservoir using mild soap and water. Rinse thoroughly. Fill the reservoir 3 inches from the top. Add the nutrients to the water.
- Rotate the plants. If the foliage is approaching the lights, rotate the plants 180 degrees.
- Harvest if needed or trim foliage.

### Monthly

- Check the pots. We recommend that this is done row by row.
- Rinse all sediment that has been collected in the screen.
- Trim back the roots by up to 1/3 of current length to prevent clogging and stimulate continued growth.
- Quickly rinse the foliage under light water flow.



Food you can be proud of