

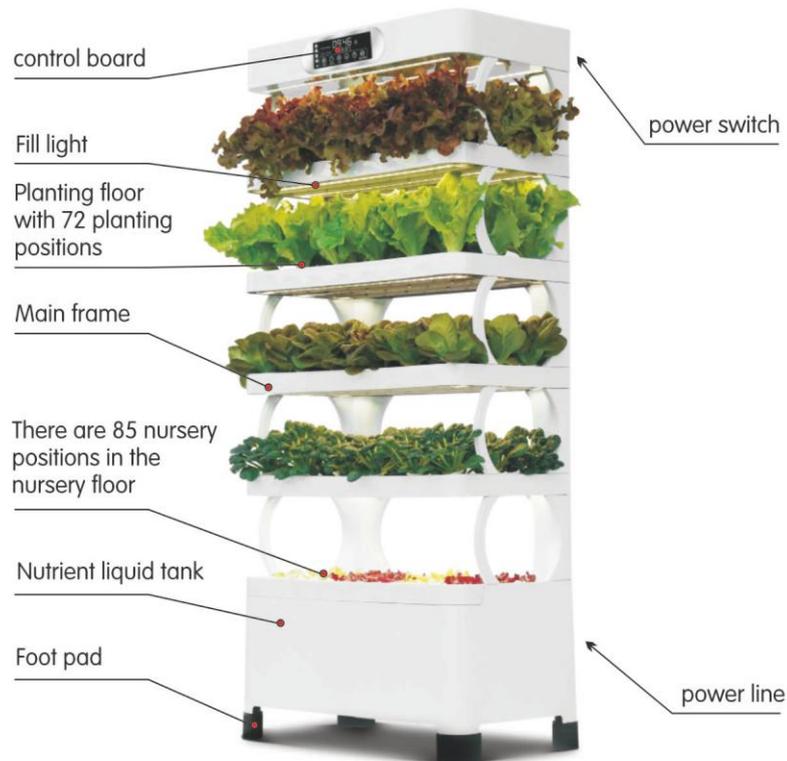
DANCOVER[®] 

Manual
for
Hydroponic Grow Cabinet System

Honorable user

Thank you very much for using our product.

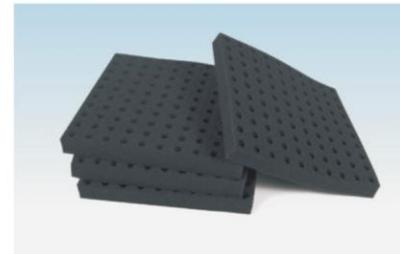
- This product is a combined family vegetable planter.
- Please read the instructions carefully before installation and follow the assemble steps.
- Please according the procedures to operate the machine.
- The appearance and color of the product are according to the actual product.
- The final explanation of the instructions belongs to our company.



Dimensions: 770mm (length) X400mm (width) X1700mm (height)

packing list

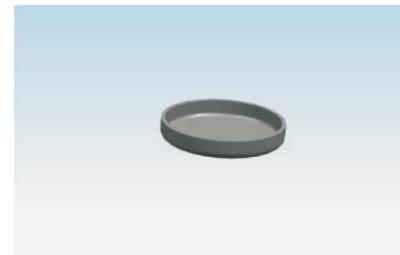
1、accessory:



Planting sponge (4X100)



Sprinkling 1 set (1X1)



Shading cover (1X20)

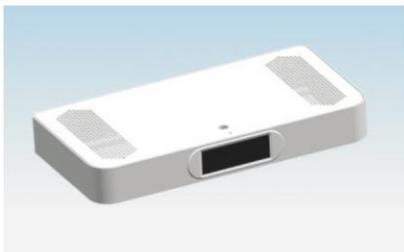


Fixed planting cup (1X160)

- The accessory items are machine gifts, and the different models with different accessories. Please refer to the actual unpacking items;
- Please read the planting instructions carefully before using the machine.

Unpacking list

2. Assembly item:



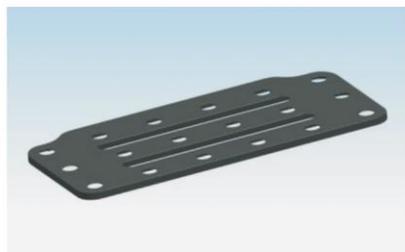
Intelligent control layer (1X1)



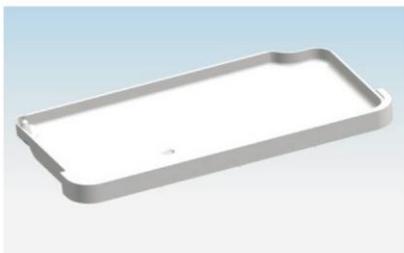
Planting layer single insertion (1X3)



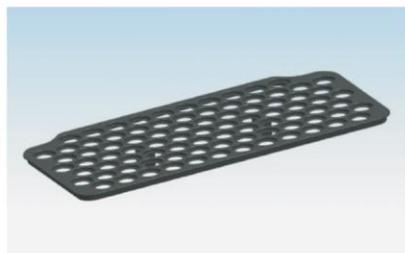
Double plug of planting layer (1X1)



Planting cover plate (1X4)



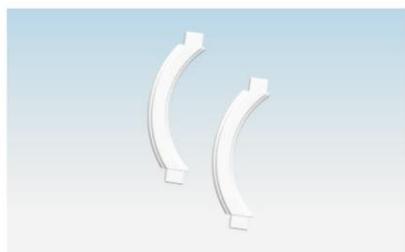
Seedling tray (1X1)



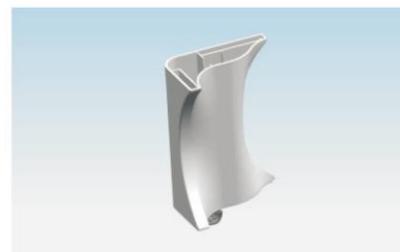
Seedling cover (1X1)



water tank (1X1)



Circular column (1X10)



Top floor Water pipe column (1X1)



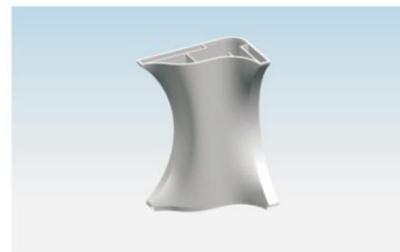
Water pipe column (1X3)



Bottom water pipe column (1X1)

Special tips:

Please confirm the structure difference and installation position of water column; the installation direction of water column and wire column shall be correct.



Threading column (1X5)



前脚垫 (1X2)



后脚垫 (1X2)

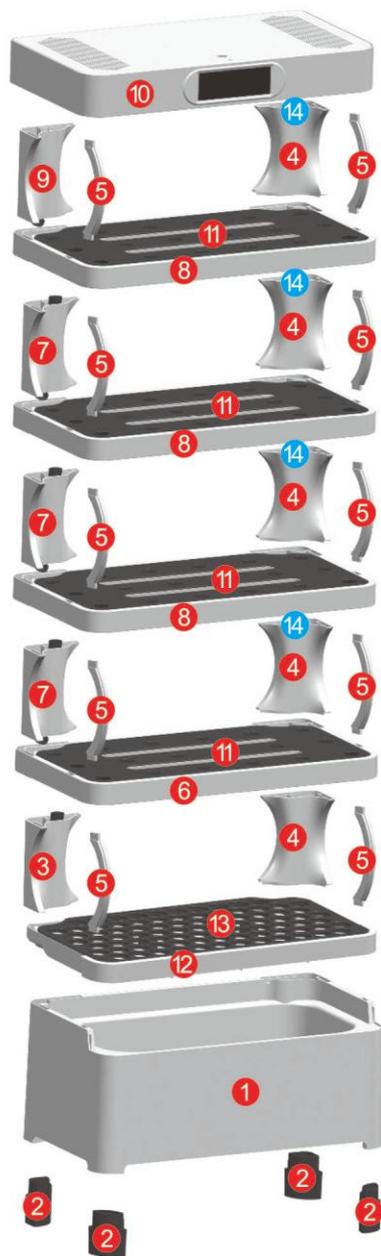


Water pipe below the nursery layer (1X1)



Water pipe bending card (1X2)

⇒ Schematic diagram of assembly structure



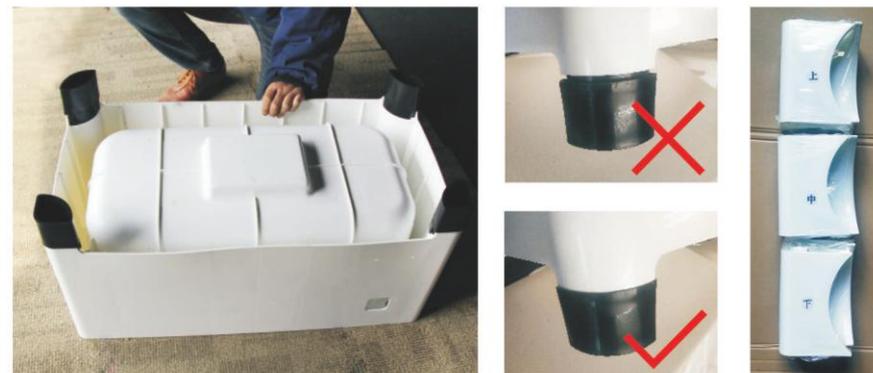
- Please separate the parts before assemble.
- Pay attention to the position of threading and pipe during assemble;
- Install from the bottom to the top, each layer of light link head located at the top of the column of this floor;
- The bottom layer is double row lights (two connectors);
- The top layer has power cord connectors and bus bundle connectors. Pay attention to separate links;

- 1, the water tank
- 2, foot pad
- 3, the bottom water pipe column
- 4, threading column
- 5, arc column
- 6, planting layer double insertion
- 7, water pipe column
- 8, planting layer single insertion
- 9, the top water pipe column
- 10, intelligent control layer
11. planting cover
- 12, seedling tray
- 13, Nursery cover
- 14, wire connection

⇒ Assemble step

Step 1: confirm the assembly items and prepare the water tank base

Take out all the items in the packing (A, B) box, count the assembly parts and arrange them according to the Assembly sketch, the wire posts are all the same; after the bottom of the water tank is put into the corresponding position, the four black supporting feet are put into the water tank and pressed evenly until the water tank is fully stuck in place (no hammering is needed) ; the level switch is rotated so that the floating ball ring faces up.



Step 2: assemble and shape layer by layer and plug in wire joints

The assembly is carried out from bottom to top, and the relative position of the parts is marked on the prepared water tank according to the general structure schematic diagram. White upper water pipe from the water column corner hole into, can be pulled up and down to prevent the impact of extrusion on the water. Through the hole in the corner of the threading post into the main wiring harness and the power cord, the lowest post is not connected by lamp wire, and each upper post is connected by a lamp wire plug. Arc columns are installed on both sides. The planting layer is equipped with black water tank to reduce the generation of green algae. When installing the column, the black water tank should be smooth and tight.



The upper water pipe is stuck in the groove

The upper pipe runs through the corner

Harness through post

assemble step



The columns fasten the black sink

Plug in the light wire connector

Plugged connector into the column

After the post is installed, connect the lamp wire plug, the lowest layer of the planting layer lamp wire is double plug, the lamp wire plug is inserted into the post space, pay attention to each layer lamp wire should first pass through the post and then connect the socket. The column and planting layer can be installed successively. Before installing the intelligent control layer, use the upper water pipe bend card to fasten the white upper water pipe according to the marked line position, tie up the belt tightly, and get stuck in the black water pipe of the upright column. Plug in the power cord and the wire harness bus respectively, and the wire harness connector is received downward, the power cord is stowed up. Insert the intelligent control layer connector.



Connect layer by layer

Clamp according to the marking

Snap into the top column



Plug wire harness, power cord connector



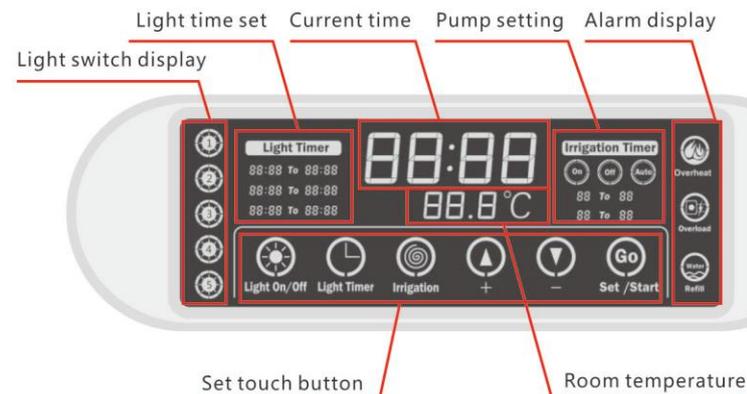
Plug tight the water pipe



Finally, the planting cover plate is covered, the clamping seedling tray is put in place, the overflow stopper is plugged, and the seedling cover plate is covered, and the assembly is completed. Note: **Please prepare the nutrient solution before starting the machine, no water pump idling.**

Basic operation

Display panel function layout:



Functional operation:

1. Power on then press the **f %** button to start the machine, Automatically enter the default operating mode if there is no special order;
2. Press this button **☀** to set the light on 1 to 5 floor, Press **▲ ▼** button to light on or light off, then press **f %** button to save your set.
3. Press **🕒** button to set the light on and light off time. Press **▲ ▼** button to set, 3 sets switch can be set, then press **f %** to save the set.
4. Press **🕒** for 5 seconds enter the Beijing time set, press **▲ ▼** to make the set, then press **f %** to save the set.
5. Press **🌀** button the set the water pump, three choice, on, off and automatically, Press **🌀** for 5 second to enter water pump automatically time set mode, Press **▲ ▼** to do the set, then press **f %** button to save the set.
6. Press **f %** for 5 seconds to shut down the machine, press **▼** for 5 seconds to shut down the sound of the machine button.
7. When the device runs abnormally, the corresponding icon of the alarm display area flashes.

▶▶ Planting instructions

I .Preparation

1. After unpacking, please check whether the supporting items are complete according to the packing list. If there is any shortage, please contact the local distributor or call the National Unified Service Hotline 400-809-1600.
2. Place the assembled oxygen vegetable source planter in a suitable position in the room (horizontal ground) and tear off the protective film on the light bar.
3. Take out the seedling layer and the seedling cover, add tap water to the water tank to the 40L water line, pour a bag of nutrient into the water and mix well.
4. Plug in the power outlet, turn on the machine power switch, oxygen source automatic detection open. Seeds do not need light before germination.



II .seedling, planting

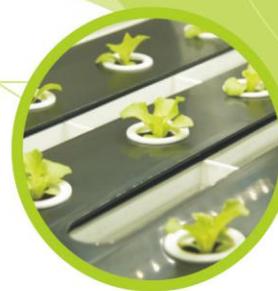
1. Tear the sponge along the tangential line into a small piece of 25mm*25mm soaked in clean water (do not soak in the nutrient solution), so that the sponge can fully absorb the water (favorable for seed germination), during the soaking process. The air in the sponge is discharged by squeezing the sponge to accelerate the water absorption speed of the sponge.
2. After soaking, the sponge is placed in the planting cup with a pair of tweezers. Note that the side of the sponge with the groove is placed upwards, and the bottom of the sponge should fully contact the bottom of the planting cup.



accelerating seed germination and effectively increasing the germination rate.

3. Sowing, planting the vegetable seeds at the bottom of the groove in the middle of the sponge. Generally, a seedling cup is planted with 1-2 seeds, and individual varieties such as arugula and amaranth need 2-3 seeds. Soaking the seeds in water for 12-24 hours is good for

4. Put the seedling cup of the seed into the seedling layer of the oxygen vegetable source to start seedling. Pay attention to observe the germination time of different varieties in different environments. Covering the plastic wrap after sowing is conducive to seed germination, and remove the wrapped fresh film in time after germination. The daily light filling time should be more than 8 hours.
5. When the seedlings grow for 15-20 days (about 4-5 leaves), move the seedlings together with the planting cup to the vegetable source layer. Pay attention to the tender and tender roots of the seedlings when transplanting, don't hurt them. The nursery layer can be continuously raised as needed.



III .Harvest

The vegetables grown in the planting layer can be harvested for 15-20 days. Remove the vegetables to be eaten from the planting layer, put them into the pots, cut off the roots of the vegetables with scissors, and wash them to cook.



IV .maintain

1. After the vegetables are harvested, clean the setting cup before using it again.
2. If there are free holes in the seedling layer or planting layer, cover them with shading to prevent green algae from growing.
3. After one-time breeding, the cotton plants that have not sprouted can not be replanted.
4. Before each seedling, please wash the seedling layer, seedling layer cover and planting cup thoroughly, plant cotton absorb enough water, spray water every day before seed germination, keep air moderate, improve germination rate.
5. Plant layer and water tank should be cleaned thoroughly every time the nutrient solution is changed to avoid contamination of the new nutrient solution by bacteria in the residual solution. Before cleaning, turn off the power and remove the cover plate of each layer (take the vegetables with you) . Start from the top layer and clean with a soft cloth according to the direction of the flow of water. Add clean water to help clean thoroughly, at last, the residual liquid is pumped out from the pump with the supporting water pipe, the water tank is cleaned, and the nutrient liquid is prepared.

V .Suitable variety

Most leafy vegetables can be planted. See the table below for varieties and details of commonly planted vegetables:



Variety	Germination time	Growth temperature	best temperature	growth cycle	Light time	Seeding number
Doll dish	3-5 days	5-32°C	20-25°C	35-45 days	10-12h	2 grains
fast food	3-5 days	15-32°C	20-25°C	30-45 days	10-12h	2 grains
sauerkraut	4-6 days	15-30°C	20-25°C	35-50 days	10-12h	2-3 grains
Shanghai green	4-6 days	10-28°C	15-20°C	35-45 days	10-12h	2 grains
yellow cabbage	4-6 days	10-28°C	15-20°C	35-50 days	10-12h	2-3 grains
milk cabbage	4-6 days	10-28°C	15-20°C	35-50 days	10-12h	2 grains
arugula	3-5 days	15-30°C	20-25°C	30-45 days	10-12h	2-5 grains
Italian lettuce	3-5 days	5-32°C	20-25°C	30-45 days	10-12h	2-3 grains
glass lettuce	3-5 days	5-28°C	15-20°C	30-45 days	10-12h	2-3 grains
red Maple lettuce	3-5 days	5-32°C	20-25°C	30-45 days	10-12h	2-3 grains

Edible reference

Doll dish, fast food, sauerkraut, Shanghai green, yellow cabbage, milk cabbage need to be cooked for food (normal fried food, garlic, hot and sour taste better); arugula, Italian lettuce, glass lettuce, red Maple lettuce, coriander can be simmered in oil, shabu-shabu, salad, etc.; cilantro is a side dish.

Tips: Keep unused seeds in a cool dry place

The light is so bright, is it very power-hungry?

The light source used in the machine is a special light source specially developed for vegetable growth, which has the characteristics of high brightness and low energy consumption. The rated power of the oxygen vegetable source is 220W, and the lighting time can be freely adjusted according to the placement position. The power consumption is less than 1.8 degrees per day according to the illumination for 8 hours.

What is the difference between ordinary light and vegetable growing perpetual lamp?

Our LED perpetual lamp is a special fluorescent powder, which is activated by a certain proportion of the ratio. It is a vegetable perpetual lamp (sunlight imitation), which can provide the most suitable growth environment for vegetables. Ordinary lighting can only meet the needs of lighting, and has little effect on the growth of vegetables.

Is the fill light on the oxygen source always on?

The supplementary light of oxygen vegetable source is to set different lighting time according to different use environment. Plant growth is closely related to the lighting time. If you want to make the vegetables grow better, you can appropriately extend the lighting time.

Why do vegetables grow so fast on oxygen source machines?

The world's advanced planting method, nutrient liquid film planting (NFT), is adopted by Maijia oxygen. Nutrient liquid membrane technology is one of the most advanced planting methods in soilless cultivation. It can not only satisfy the supply of vegetable nutrition, but also make the root have enough oxygen to breathe, so the vegetable grows very fast.

Why does nursery layer grow green algae easily? How to prevent it?

The three elements of algae growth are air, water and sunlight, so as long as the nutrient solution of the seedling layer receives light, it will produce green algae. In order to prevent the occurrence of green algae, in addition to avoiding direct light from the nutrient solution, it is also necessary to clean the machine in time so that the green algae ready to grow can not breed rapidly.

Problem collection



What are the ingredients of nutrient solution? Does the growing dish have any side effects?

Nutrient solution is composed of 16 kinds of nutrient elements, such as large amount, medium amount and micro amount. Balanced nutrition, safe and reliable. The result shows that the ratio of the nutrient solution is more balanced and rich, with good taste and no side effects. It is a pollution-free vegetable certified by the Ministry of agriculture of China.

This new machine has a very good out looking, how should it be maintained and should be paid attention to?

The machine is a full-smart vegetable planting machine. It can be placed in a good, power-on, simple setting, and you can enjoy the planting experience brought by the machine. The vegetables on the source of oxygen are very delicate. Although they are not insects, they are easily attacked by insects. It is best to keep them away from places where there are insects such as flowers and plants.

How long does it take from seed to vegetable? Is it necessary to wait a long time for eating vegetables?

Generally, the vegetable growth cycle is 30-50 days, and environmental conditions such as temperature and light will also be affected. The scientific rationalization of Maijia oxygen vegetable source is extremely high, which can effectively shorten the vegetable growth cycle. The 85 hole positions of the oxygen vegetable source seedling layer can be continuously seeded, and 72 vegetable seedlings can grow up in 20 days, and the two stages grow at the same time, which greatly improves the ability of producing vegetables, and can fully satisfy the consumption of a family of three normal leaf vegetables.

Can you eat green and healthy vegetables in the cold winter?

Of course, the Macao oxygen vegetable source was designed to meet the needs of winter vegetables. As long as your home temperature is not less than 8 degrees, small seeds will sprout, grow and mature as scheduled. With the cold winter of Maijiao, you can eat ready-to-eat green and healthy vegetables.

Notice of repair

Notice of repair In order to protect your interests and relieve your worries, our company provides you with high quality after sell service!

1. The warranty period of this quality: the whole machine is 1 year, the main frame is 5 years, and the gifts are not covered by the warranty;
2. In the warranty period, if the product fails, the warranty card and invoice can be used for warranty matters;
3. If the product fails or is repaired or replaced (in case the product is not damaged), The company will deal with it in time after receiving the repair;
4. Charges as appropriate for the following cases (material costs are extra);
 - A: Regardless of the warranty period: damage caused by irresistible natural forces such as earthquakes, fires, floods, etc.;
 - B: Failure caused by improper use (such as power supply)ides you with high quality after sell service!

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