



GROW LIGHT



Hydroponic System

ShenZhen JT Photoelectric Tech Co., Ltd

Product Instruction

A Fresh Vegetable Garden

JT-H5 is the latest indoor intelligent vegetable planter launched by JT Grow Light.

B Dimension

800*425*1737mm (L*W*H), with a footprint of only 0.7 square meters.

C Structure

6-unit design, made of high-strength, food-grade PP material, ensuring safety and durability.

D Nutrient Support

Equipped with a high-purity mineral nutrient solution that provides balanced nutrition for plants.

E Convenience

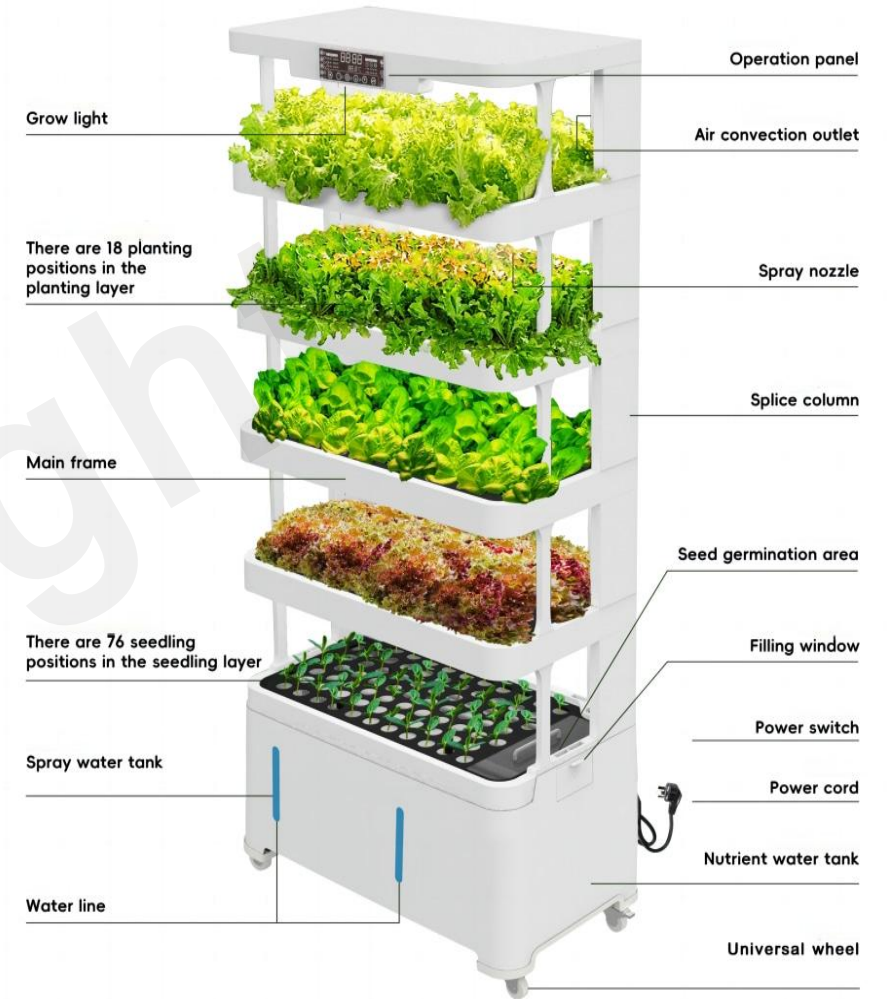
Two-box packaging, total weight of 47kg, making it easy to transport, carry, and assemble.

F Plant Variety

Capable of growing over 30 types of plants, including vegetables, mint, perilla, basil, and various flowers.

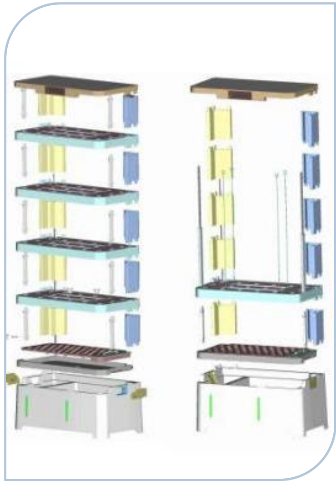
Product Specification

Item	Parameters
Model	JT-H5
Product Name	Smart Vegetable Planter
Shell Material	Food Grade PP
Color	White
Input Voltage	110-240V
Number of Holes	148
Grow Light Qty	18pcs
Water Pump Power	20W
Total Power	200W
Nutrient Solution Tank Capacity	30L
Spray Tank Capacity	8L
Packaging Size	87X49X55cm,84X46X50cm (2packages)
Weight	47kg
Number of layers	Up to 5 layers



Dimensions:811mm(length)X433mm(width)x1805mm(height)

Product Detail



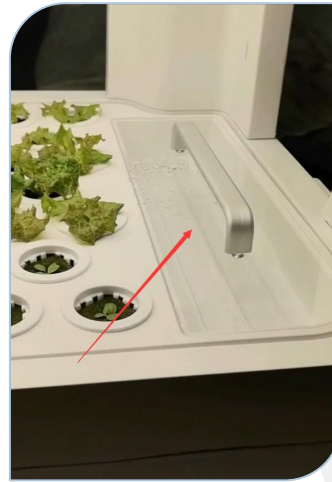
Free Assembly

Free splicing
and assembly of
2-5 layers



Air Circulation

Each layer has
an air
convection
outlet



Germination

Independent
germination
area to improve
the germination
rate



Humidification

Each layer has a
spray to adjust
humidity



Water Inlet

A separate
water inlet,
beautiful and
convenient



Seeding Area

Seedlings and
planting
separately will
help vegetables
grow faster

Functional Operation



After Plugging In

The Planter automatically turns on and enters the default working mode.

Control Light

Click the digital button on the remote control to turn on/off the lights on the corresponding floor.

Press "Light"

Long press the "Light" button on the display screen. After it flashes, press "▲▼" to adjust the time. The default light is on at 8 o'clock and off at 20 o'clock. Recommended to light it for 12h/Day;

Press "Pump"

Click the remote control or long press the "Pump" button on the display screen to turn on/off the water pump; the default water pump cycle is 2h, 30m of work, and 1h and 30m of off;

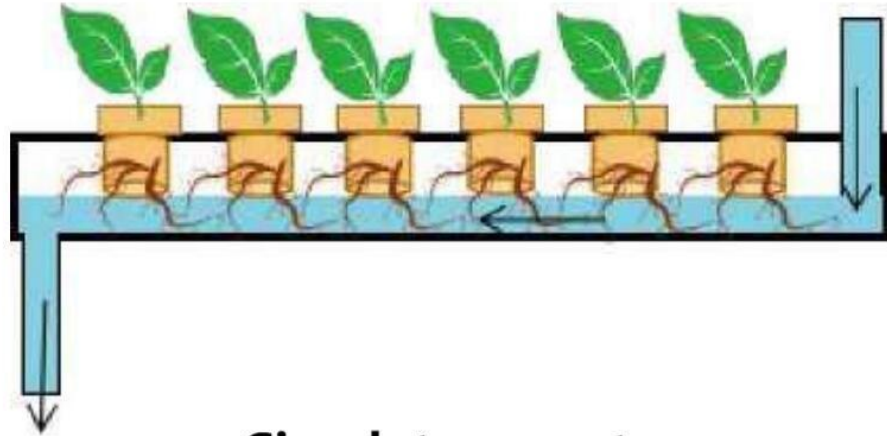
Press "Wind Cycle"

Click the remote control "Wind Cycle" to turn on/off the ventilation cycle function; the default program works once an hour for 1m.

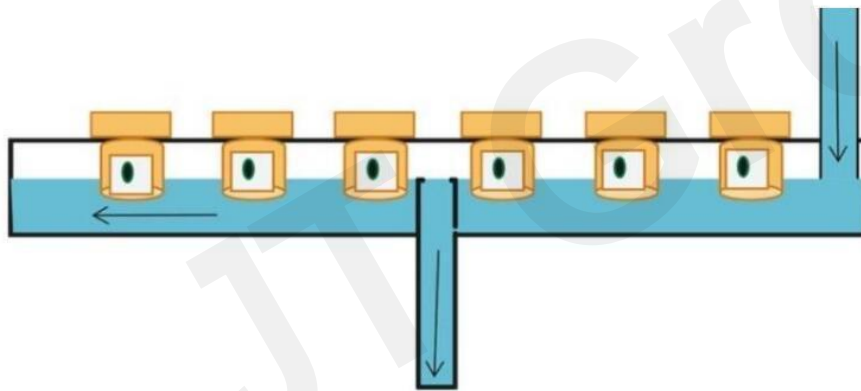
Press "Spray Head"

Click the remote control "Spray Head" to turn on/off the spray humidification function; the default program works for 3 seconds every 3 hours.

Hydroponic Technology



Circulatory system



Seedling layer

The seedling layer uses tidal irrigation in a breakthrough way. When the nutrient solution circulates, the entire seedling cup is immersed in the nutrient solution, ensuring the water required for seed germination. When the nutrient solution stops circulating, the nutrient solution in the seedling layer will all flow back to the nutrient solution tank. At this time, the "high humidity and high air permeability" environment is most conducive to seed germination and rooting.

Planting cultivation layer

The cultivation layer adopts the internationally advanced NFT nutrient film hydroponic technology, which can accurately control the water level of the cultivation layer within 3mm so that the main root is immersed in the nutrient solution layer to absorb mineral nutrients fully. The lateral roots are exposed to the air to fully absorb oxygen, so that the roots of the seedlings have enough breathing surface to meet the growth needs, ensuring the vigorous growth of the vegetable root system and the strong growth of the seedlings.

Fresh Vegetable Garden



Where Can You Plant ?

Home kitchen: Easily pick up when cooking.

Hotel Club: Improve the comfort and quality of the space

Library: Create quiet and fresh atmosphere

Office: Beautify environment, provide a relaxing and comfortable place.

Gym: Purifies air, makes the environment fresher, and makes people relax.

Mall: Enhance the ecological sense of the environment, attract customers' attention.



Thank You

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