

Structure of Vege Tree

As the vegetables rotate slowly to the left, they revolve around LED lights. Standard models come equipped with four LED lights optimized for plant growth. The rotation of the vegetables ensures uniform light exposure while generating airflow to reach every corner of the leaves.

Aluminum frame

Cultivation cup

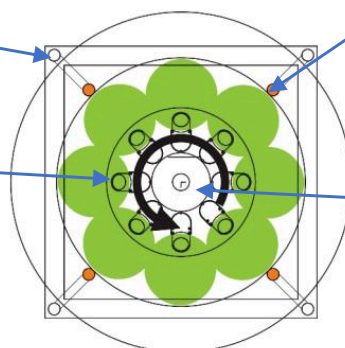
LED light

Cultivate vegetables such as lettuce, herbs, and komatsuna, as well as parsley, wasabi, edible flowers, and more.

Rotating unit

Cultivation pots are attached to 8 cultivation shafts. The central axis is secured to a water tank, ensuring safety and preventing overturning.

The plants grow within cups that holds the vegetables. With an installation angle of 50 degrees, it's easy to insert/remove them, and they are less likely to fall out.



Side view

Nutrient solution distributor (upper)

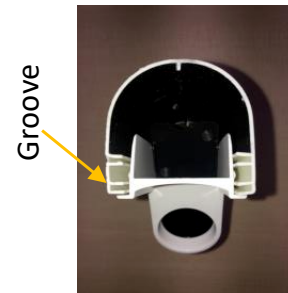
The nutrient solution, pumped in at the top of the cultivation shaft, is distributed in eight directions, flowing into the cultivation pots, ensuring a uniform water volume.



Cultivation shaft



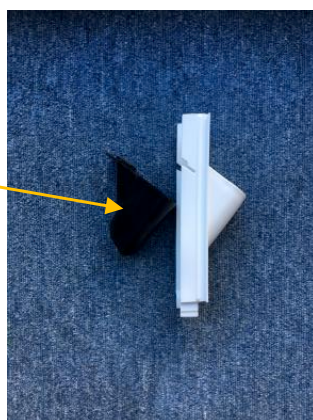
Side view of the cultivation shaft



Horseshoe-shaped cultivation shaft and cultivation pot

Cultivation pot

The horseshoe-shaped cultivation shaft is made of PVC and is approximately 50 x 50 in size. Cultivation pots are attached along the groove inside it. The pots have a double structure to hold water, and the sink is removable.



Sink (black)

Nutrient solution distributor (lower)

Serves to stand the cultivation shafts and to guide the nutrient solution into the nutrient tank.

