



Aeroponic System for Indoor leafy, Herbs & Microgreens



Suggestions about height: We suggest to use maximum height of 5 tiers each tier with 80cm, easy to control irrigation, maintenance & increase the life time of system



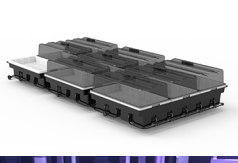
Services after sales: Supply full services up to 5 years, spare parts and video service with in 24 hours beside this provide installation training for future good relation.



OEM & 3D Designing services: We provide full OEM service your brand, logo color design. After confirmation we will design 3D for your project, if you want to modify we can do, when you confirm we will start production

Microgreens, herbs & variety of leafy vegetable tray

The mesh trays are used in aeroponic systems put some tissue papers or fabric bandages and start germination and harvesting at same place no need transplanting, grow much production, easy to move & most important you can preserve the green vegetable 2-4 days more without any extra chillers, full grow cycle for the microgreens is about 8-10 days and height of plants 10-14cm. Potential microgreen crops are Amaranth, Fennel, Arugula, Kale, Asian greens Kohlrabi, Basil, Lemongrass, Beet, Mizuna, Broccoli, Mustard, Buckwheat, Nasturtium, Cabbage, Carrot, Parsley, Celery, Popcorn, Chives, Radish, Cilantro, Spinach,



Sharing idea how to sell fresh food without chillers

-Grow in mesh tray at the harvest time remove this tray and put in some nutrients and transport to market or customers directly with trays in this order when customer receive the vegetables it will be fresh and he can harvest himself then you can collect the trays later, at the same tray you can start other cycle just need to buy some extra trays.

Lettuce tray

The lettuce tray is used, if you want to grow big or small lettuce, we specially designed this tray with different measurements.

Benefits

like mesh tray you can keep vegetable alive for long time to get very fresh vegetable, just remove the cover tray and send directly to customer put some nutrients for roots let the customer believe that he is getting fresh product.

Small lettuce & big lettuce

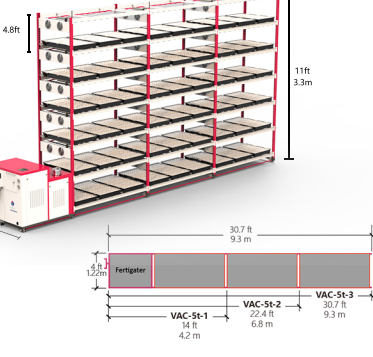
If someone want to grow maximum quantity or big lettuce with different densities then we have provided both options in same tray, we provided density of 7.5cm for each lettuce, if you are willing to grow less density and big plants it is possible just cover some holes and design your own density according to plants what you are growing. Generally the grow cycle for lettuce is 20-30 days but it some time varies that what kind of lettuce you want to grow and for what height there are multiple kinds of lettuce some are here. Leaf Lettuce, Roman Lettuce, Iceberg Lettuce, Boston Lettuce, Bibb Lettuce, cover some holes and design your own density according to plants what you are growing.



Measurements & Specifications

Device list

Item	Remarks	Included
Irrigation system	Controllable irrigation for each line	Included
Chiller 1500W	Controllable water temperature	Included
water tank for each line 700L	/	Included
Co2 system	Sensor, magnetic switch	Included
ventilation for each tier	4 fans per tray 350CFM each	Included
lighting	12pcs of VB40, 480w per tray	Included
whole electric cards for system	All the wiring for system we provide, you just have to handle room electricity connections	Included
water filters to refresh water	Refresh the water after every cycle can re-use same water	Included
Aeroponic bucket system	Trolley tray on demand for microgreens, herbs, lettuce	Included
750W pump	Size of pump maybe we increase but not effect the price	Included
Dehumidifier	/	Optional
AC	/	Optional
Control center for system and whole project, can control through internet	10 inch screen touch control system for each line, irrigation, lighting, humidity, CO2, timing and level can control	Included



LED Grow lights

- 480w light 12pcs per tray 40w/pcs
- Spectrum will be according to the plants you grow.
- Warranty of light 5 year
- Diode brand OSRAM german brand
- Power card, drivers, signal cable are included. all the wiring for lighting, irrigation, ventilation included you have to available the electricity in room.
- Lights are adjustable, dimming and timing control.



Screen touch control system

1. LED timing, dimming and online control through browser or App
2. Ventilation on/off manual and through control system.
3. Irrigation timing & mode can be setup
4. Temperature of water can be controlled through chiller
5. CO2, upper level PPM and Lowest level PPM able to setup.
6. Level of nutrition, level of water in tank and temperature of water can be monitored.
7. Cultivation control, environment control, warning alarm, automatic & manual control systems are the main functions.

