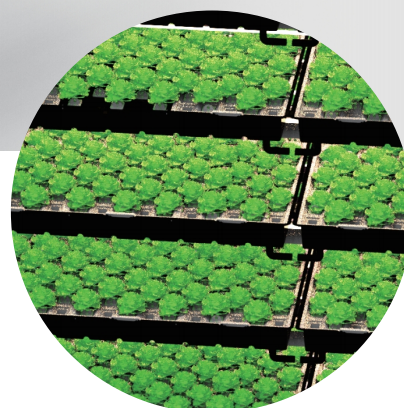
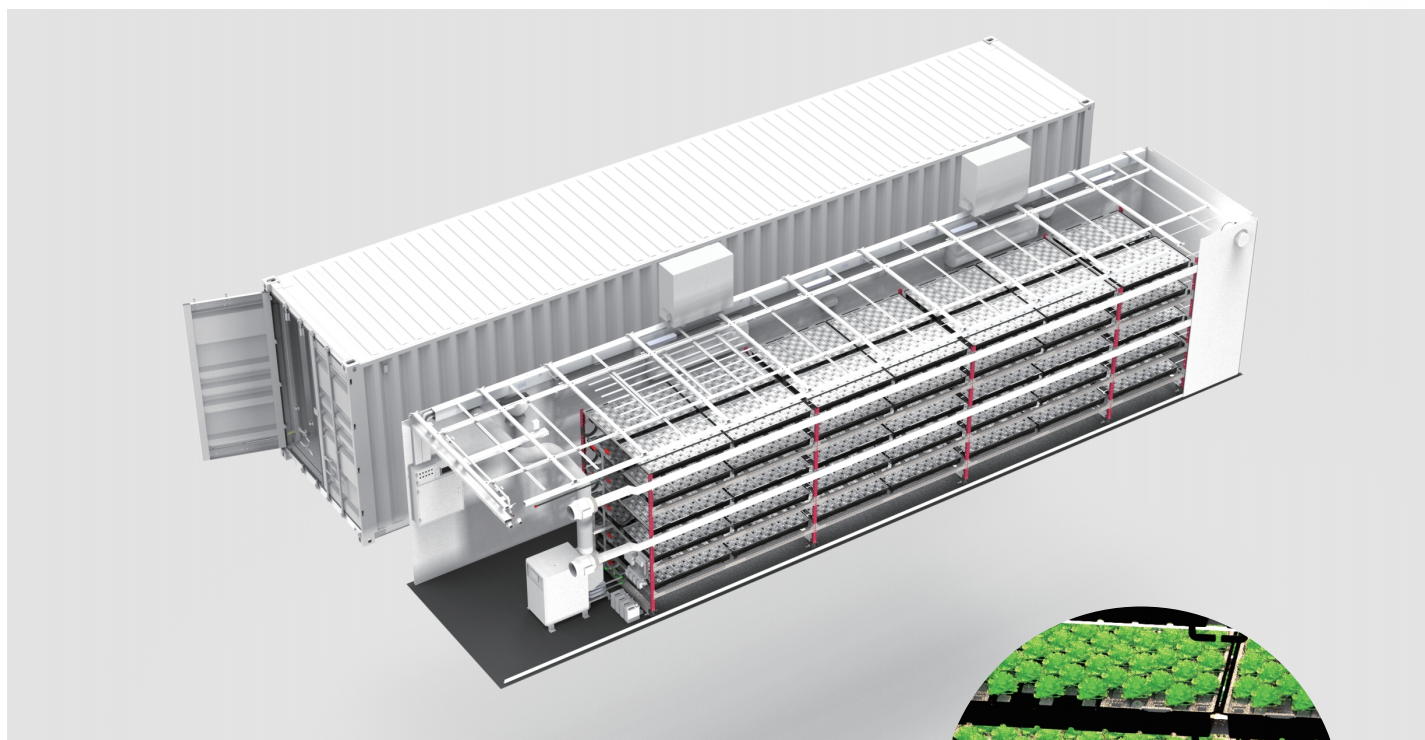




# VegFarm

## Customization Package for 40' HQ Container Farm



### Model:CM-VF-VHT-3150

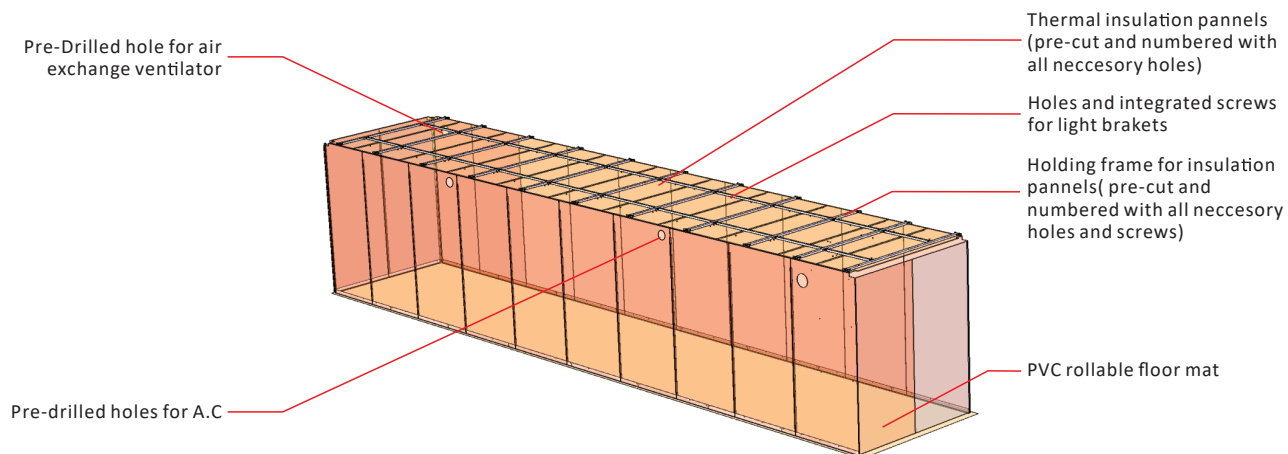
#### Product description:

CM-VF-VHT-3150 customization kit is a perfect solution for vegetative stage(or small flower) plants cultivation.You can grow 3150 plants in 5 tiers by aeroponics system integrated.With such a solution what you have to prepare is only a standard used 40' HQ shipping container (watertight).

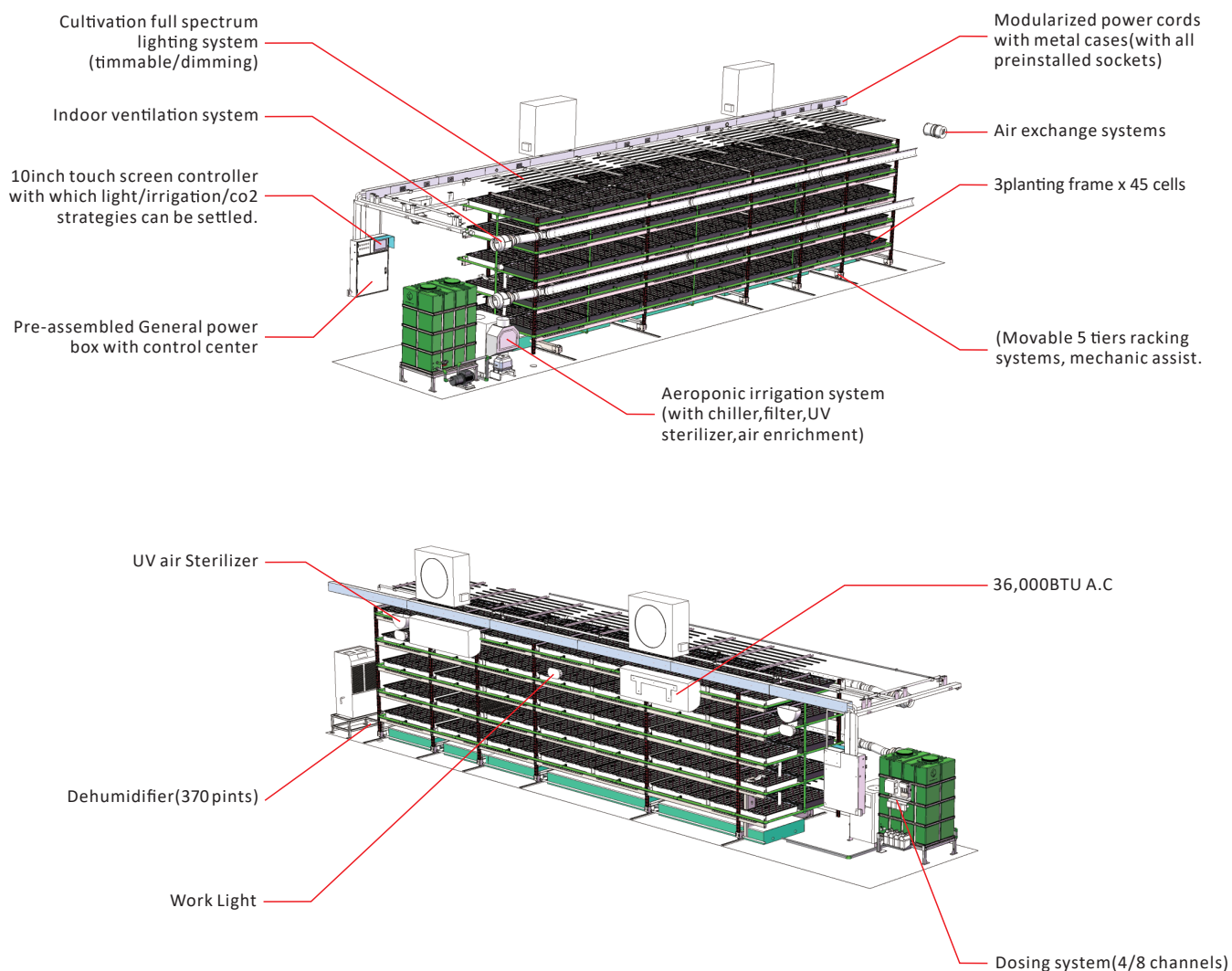
Here are the systems that included in this customization package:

- (1) Holding frame for insulation pannels( pre-cut and numbered with all neccessary holes and screws)
- (2) Thermal insulation pannels(pre-cut and numbered with all neccessary holes)
- (3) Pre-assembled General power box with control center, 10inch touch screen controller with which light/irrigation/humidity/co2 strategies can be settled.
- (4) Cultivation full spectrum lighting system (timmable/dimming)
- (5) Movable 5 tiers racking systems, mechanic assist.
- (6) Hydroponic (flood and drain) irrigation system (with chiller,filter,UV sterilizer)
- (7) Dosing system(4/8 channels)
- (8) 70 hydroponic tub with 135 cells/tub (each cell 1.5" x 1.5")
- (9) Indoor ventilation system
- (10) Modularized power cords with metal cases(with all preinstalled sockets)
- (11) Dehumidificaton system with drainage
- (12) Air exchange systems
- (13) Indoor air purification lights x 3 sets
- (14) Indoor work lights

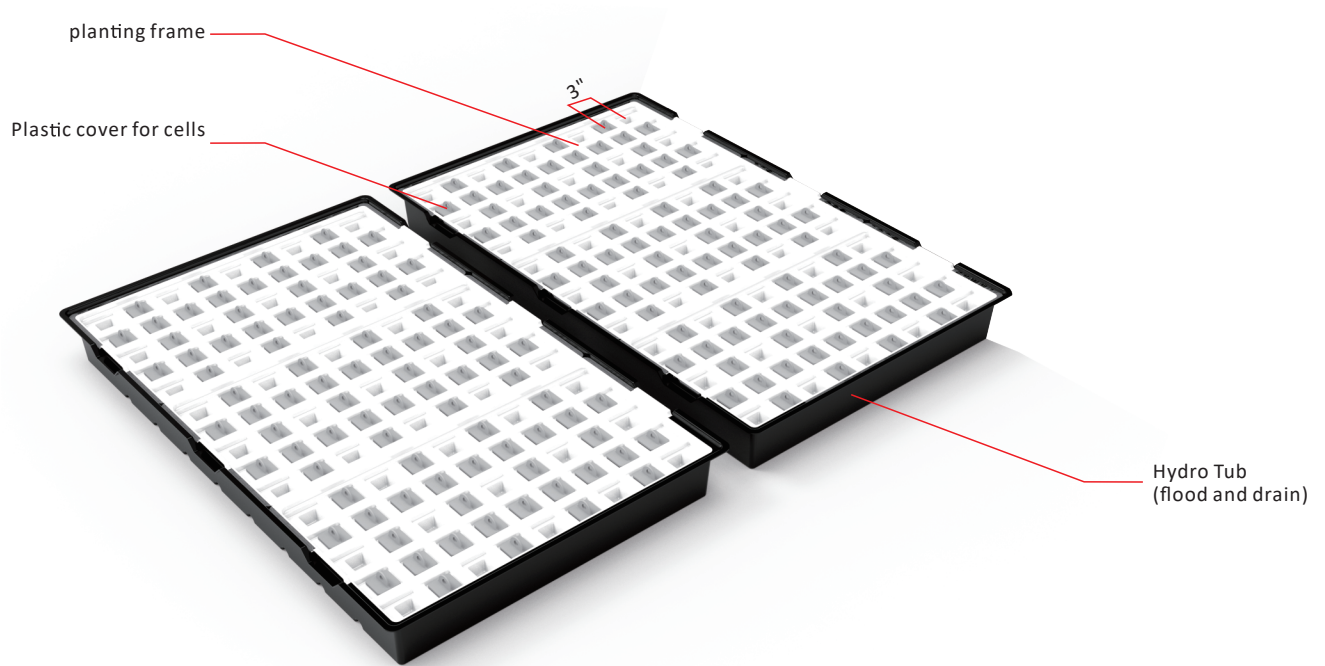
## Thermal insulation



## Device included



## Plants Tub kits



## Specifications


| Optional             |                             | CM-VF-VHT-3150           |  |
|----------------------|-----------------------------|--------------------------|--|
| Basic Specifications |                             | Environment System       |  |
| Power in Max (KW)    | 21.17(peak)                 | Air Sterilizer           | 2 x UV indoor lamps  |
| Irrigation mode      | Hydroponic ( flood&Drain)   | Dehumidifie              | ○ 158L/D   |
| Controlller          | PLC+10" touch screen        | Refrigeration system     | ○ 2 sets of 4 HP air conditioners                                |
| Planting holes (Pcs) | 9,450                       | Ventilation system       | 2 x Booster fan: 70W/60W, AC220V, AC fan: 48w , 2650RPM , AC220V |
| Grow Area (sq-ft)    | 807                         | Lighting System          |  |
| (sq-m)               | 73.8                        | Total Power(W)           | 5,660W/Hr (Peak)   |
| Footprint (sq-ft)    | 171.9                       | Work Lights              | 20W*3  |
| (sq-m)               | 15.3                        | Model of LED Grow Lights | CM-BS320,CM-BS160  |
| Size - L/W/H (ft)    | 29.7 x 5.4 x 7.3            | QTY of Lights (Pcs)      | 15x320W,5x160W   |
| (m)                  | 8.9 x 1.6 x 2.2             | Dimmer                   | Stepless dimming 0-100%  |
| Irrigation System    |                             | Mobile Rack System       |  |
| Pump                 | 750W / 220V / 3.4A          | Way of Moving            | Mechanic Assist  |
| Water Chiller        | 1.5 HP                      | Bearing                  | Dual-Bearing   |
| Water Sterilizer     | UV 100W                     | Tiers                    | 5  |
| Filters              | 1micrometer 20" x Selements | Planting rachs           | 30' x 6' x 8' 4"   |
| Air Pump             | 100W                        | Bearing Force            | 800Kgs/Tray  |
| Dosing System        | ○ 4 channels                |                          |  |
| Ductwork             | PVC & PE                    |                          |  |
| Aeroponic Tub(Pcs)   | 70                          |                          |  |




Please feel free to contact us if you need the following services

- 1) A tailored lighting solution for your cultivation room or greenhouse
- 2) A solution design for indoor cultivation(vertical)
- 3) Becoming GrowSpec Products agent/distributor

## Contact

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G R O W S P E C