



CultivatorCube

Giga Series

Product Code: SFK31000

Cultivation. Automation. Precision.



Cenaura Cultivator Cubes enable growers to achieve constant production of vegetables all year around. The cubes utilize artificial control of light, temperature, moisture and carbon dioxide concentrations to enable quality and consistency.



Cenaura Cultivator Cubes are autonomous cultivation appliances that leverage AI, IoT, Robotics, Mobile and Cloud technologies to produce clean, safe, healthy, and nutritious food.



The vertical farming methodology allows growing plants in rows and columns in a high density format. The Cubes save energy, conserve water and minimize resources consumption.



The Cubes are modular, portable and stackable precision growing environments, optimised for accelerated growth of a wide variety of greens under all weather conditions.



Intelligent control automation takes care of lighting, irrigation, temperature, humidity, pH, nutrient and carbon dioxide. The plants flourish in a controlled environment, thanks to the data driven growing recipes.



Features

- ✔ Temperature Control
- ✔ Ventilation Control
- ✔ Humidity Control
- ✔ Vapour Pressure Deficit Monitor
- ✔ Dewpoint Monitoring
- ✔ Carbon Dioxide Control
- ✔ Grow Light PAR Control
- ✔ Grow Light DLI Control
- ✔ Solar Radiation Monitoring
- ✔ Nutrient pH Control
- ✔ Nutrient EC Control
- ✔ Nutrient Level Control
- ✔ Nutrient Flow Control
- ✔ Nutrient Temperature Control
- ✔ Nutrient Dissolved Oxygen
- ✔ Water Level Control
- ✔ Master Control Panel

Specifications

Volume	31000 Ltrs
Net Weight	2500kg
Refrigerant	R134a
Shelves	5
Plant Capacity	2200 Nos
Temperature Range	18°-28° C
External Dimensions (ft)	20(W) x 8(D) X 8(H)
Internal Dimensions (ft)	19'5"(W) X 7'8"(D) X 7'9"(H)

GROWING RECIPES

Grow your own leafy greens, herbs, and spices using the CultivatorPod and CultivatorCube series. Here's a sampling of the nutritious greens and flowers that can be grown. The modular growing trays can be re-configured for taller varieties.



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