The HydroPod

Food security for anyone, anywhere

LIFEPOD

01. Overview

HydroPod

As a part of the FarmPod series, the HydroPod utilizes hydroponic technology to generate produce. Unlike field farming, long distance transportation, pests, and other factors harmful to plant growth are virtually nonexistent with HydroPods.

Easy to learn and use
Most systems run automatically
Customizable to meet all needs

90% less water than traditional farming
Grows food anywhere
Off-grid options

Easy organic farming
Grows huge variety of produce
Mix and match growing systems

02. Microgreen system

HydroPod

Microgreens are the shoots of salad vegetables such as arugula, mustard, beetroot, etc., picked just after the first leaves have developed.

Benefits

Fast turnaround
Competitive sale price
Healthy - high nutrient concentration
Tasty - Diverse flavor profiles

Harvest

Average 2 week growing cycles
Stems removed with knife
Easily packaged for storage/sale

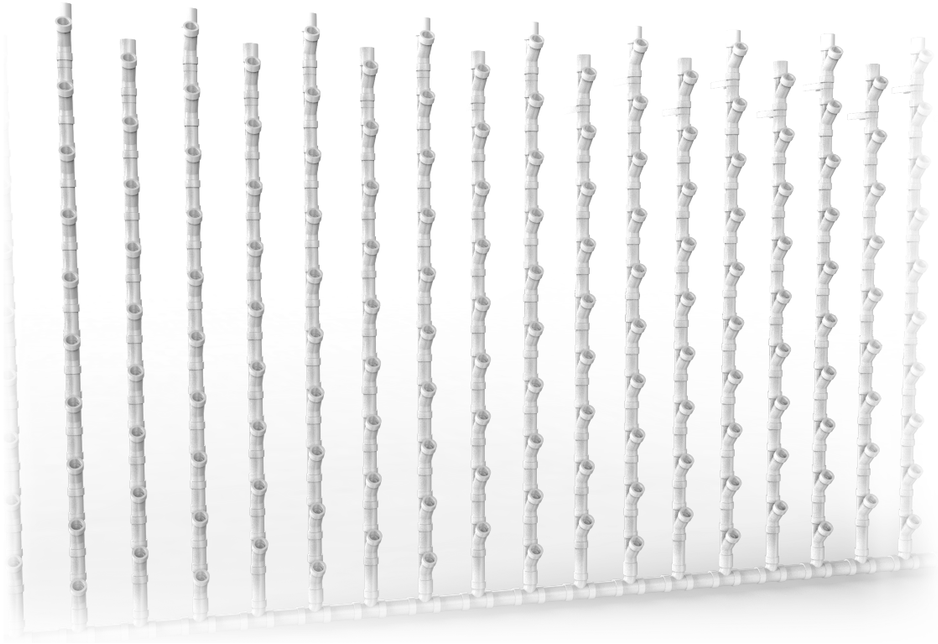
System Includes

Metal shelving
Installed microgreen grow lights
98 - 10x20” growing modules

03. Vertical tower system

HydroPod

Vertical towers utilize gravity to pull specialized nutrient solution from top to bottom through an array of planted columns.



Benefits

High quantities of full-sized plants
Nutrient solution automatically distributed
Cleaned annually
Disassembles in large sections

Harvest

Best suited for large, leafy vegetables
Staggered or individual plant harvest cycles
Plants can be refrigerated for longer shelf life

System Includes

Automatic nutrient solution recycler/distributor
Grow lights
24 vertical towers (228 plant sites)

04. Horizontal NFT system

HydroPod

Nutrient film technique (NFT) utilizes a small amount of nutrient solution acting like a film which flows through a horizontal unit.

Benefits

No growth media required.

Nutrient solution is automatically distributed and recycled for several weeks.

Disassembles in large, easy to clean sections

Harvest

Medium-sized plants: cherry tomatoes, small peppers, blueberries, strawberries, etc.

Harvest when ripe/as needed.

System Includes

Automatic nutrient solution recycler/distributor

Installed lighting

12 horizontal units (114 plant sites)

05. Dutch bucket system

HydroPod

Dutch buckets use soilless growing medium to support the plant's roots and have nutrient solution flow through the roots top to bottom.

Benefits

Reusable grow media required.

Nutrient solution is automatically distributed and recycled for several weeks.

Buckets cleaned individually as needed.

Harvest

Large-sized plants: large tomatoes, squash, cucumbers, eggplants, large peppers, etc.

Harvested when ripe/as needed.

System Includes

Automatic nutrient solution recycler/distributor

Trellises for vine plants

15 plant sites

06. Off-grid options

HydroPod

Off-grid options allow for the HydroPod to be a stand-alone unit, or they can be used to supplement a HydroPod which is hooked up to municipal energy and water services.

Rainwater collection

Mounts to the HydroPod's roof and feeds directly into the system.

Solar

Mounts to roof or nearby HydroPod
Smart charges the BatteryBlock
Fixed or adjustable tilt options are available

Wind

Mounts to roof or nearby HydroPod
Smart charges the BatteryBlock
May require placement research for best results

LIFEPOD

Thousands of produce items can be generated each month with just a few minutes of work each day. The HydroPod is an accessible gateway to food security.

For more information, please contact us!

Info@lifepod.co

LifePod Corps

@lifepodcorps