

Apollo HortiPODTM

A Self-Contained AG Environment System
Pre-Configured Specifically for Controlled
Rapid-Growth Cannabis Applications



Introduction

National (US) as well as Global recognition of cannabis derived medicinal extract and inhalant benefits has not only become widespread, but is universally accepted as scientific fact. Now predominantly legal in many state venues, cannabis production, its derivatives and distribution through legitimate channels, is under consideration by most to become legal if it isn't already. More so, these derivatives... when produced and cultivated under exacting conditions... have become high-demand. That is, when high quality, controlled production is utilized, high yields

and top pharma-grade results are netted. That equates to greater profits all around to the producer as his/her product of higher quality will demand a higher price. And as the demand by both populace and the medical community seeking non-addictive, non-biologically destructive alternatives to synthetic drugs grows, the market will require greater amounts of and better quality product.

The challenge facing all producers is the lack of adequate production facility availability, high infrastructure costs and the need for bona-fide, precise engineered provision of those environments as repeatable, reliable and consistent means for production.

Concept

"HortiPOD™" is a self-contained, engineered system developed by Apollo Power Solutions, Inc. that is delivered as a complete **"Ready to Run - Place & Plant"** solution. It comes replete with temperature & humidity equipment with controls designed and engineered for AG-Specific Cannabis Application (AGSCA), grow lighting, processor controlled and monitor-capable nutrient delivery system and provides a uniform and consistent growth environment for the cannabis crop.

All HortiPOD™ units come to the site as one or two pieces and are capable of being on-line, up & running within 4 - 8 hours. High voltage power and water supply point-of-connections are easily hooked-up from site-available sources.

HortiPOD™ can utilize natural gas, steam heat, mechanical heat or resistance heat in its internal cycle depending on on-site utility provisions.



Process

As a fully encapsulated and highly insulated unit, **HortiPOD™** is impervious to all/any external environmental impact. Inclement weather has no effect on **HortiPOD™** function capability.

Ideally, a group of **HortiPOD™** units can be placed on a secure plot of land and with power and water pre-set, can be producing crop faster and more consistently than by any existing means. Capable of cultivating between 200-240 plants each, **HortiPOD™** delivers more crop per square foot faster and at higher and more consistent quality than current and conventional standard structure & equipment facilities.

The result is uniform product along with shortened time-to-harvest.

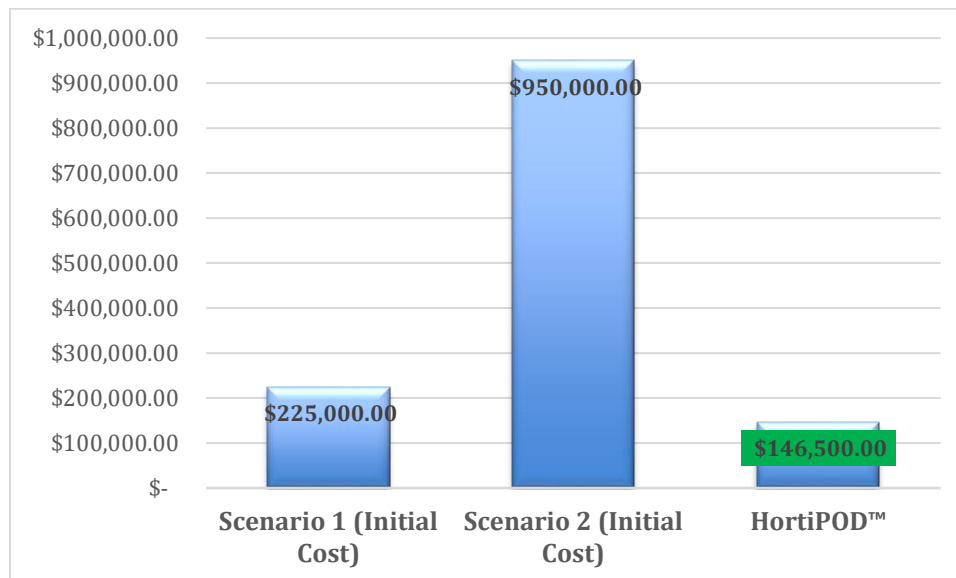
Take the guesswork and trial & error out of your production equation and let **HortiPOD™** deliver greater profits to your bottom line.

Easier. Faster. More Uniform. More Reliable. More Profitable.

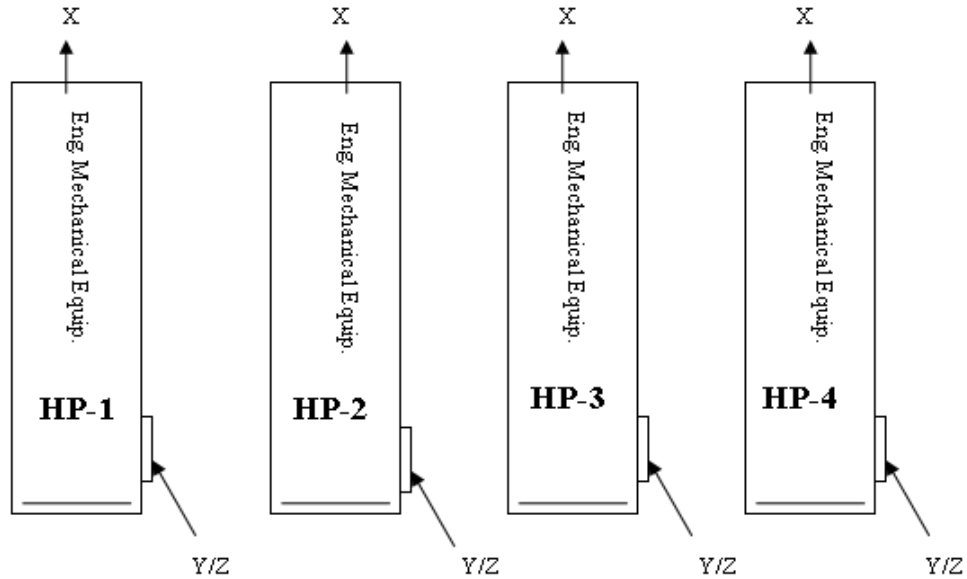
HortiPOD™

·Cost Comparative Analysis·

·Scenario 1: Traditional 30 x 50 ft Interior Structure (6 rooms, built out)	<u>Initial Cost</u>**
Walls, ceiling, electrical, basic HVAC	\$ 135,000.00
Grow lighting, nutrient system, misc.	\$ 15,000.00
Capital Building Investment (Lease)	\$ 75,000.00
Total	\$ 225,000.00
Construction Timeframe:	6 to 8 weeks (<u>Minimum</u>)
·Scenario 2: Traditional 30 x 50 ft Interior Structure (6 rooms, built out)	<u>Initial Cost</u>**
Walls, ceiling, electrical, basic HVAC	\$ 135,000.00
Grow lighting, nutrient system, misc.	\$ 15,000.00
Capital Building Investment (Purchase)	\$ 800,000.00
Total	\$ 950,000.00
Construction Timeframe:	6 to 8 weeks (<u>Minimum</u>)
·HortiPOD™ (8 x 40 x 9.5) “Place and Plant”	<u>Total Cost</u>
FULLY equipped and pre-commissioned	\$ 139,000.00
Power pole drop-in (200/220 amp)	\$ 2,500.00
Water line, meter and drain	\$ 5,000.00
Total	\$ 146,500.00
Construction Timeframe:	<input checked="" type="checkbox"/> Ready for delivery in 4 weeks from time of order.



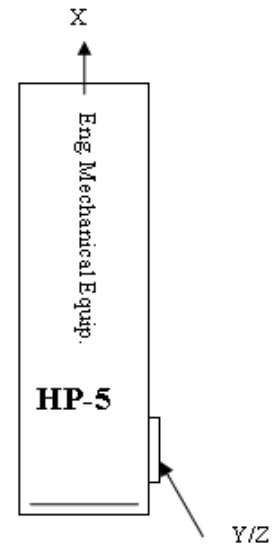
** The initial cost of above traditional/current applications does not include *significant ongoing costs* related to equipment replacement at near and midterm use milestones. Traditional equipment under 24/7 – 365-day use fails prematurely. Chart does not include loss of revenue due to HVAC process equipment down-time.



Typical HortiPOD Array

- HP-1 — Seedling POD
- HP-2 — Vege POD
- HP-3 — Vege POD
- HP-4 — Flower POD
- HP-5 — Refining POD

- X — Water Drain Outlet POC
- Y/Z — Elec. Power / Water POC



Apollo Power Solutions, Inc. (APS)
Special Projects & Energy Division

HortiPOD™

Example Layout [PODs may be “mixed-matched” to fit grow operation needs & demands]
 All PODs shown are 8’x9.5’x40’
 HortiPOD™ units are “temporary” & “non-occupied”.

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HortiPOD™ is a “Fully Integrated Equipment Environmental System (EES).

Robust design and industrial equipment.

·It is pre-tested, pre-commissioned and also includes safety sensors for CO2 threshold-level cutoff when occupied. This system provides a “**pharma-grade environment**” that will consistently produce high-yield, high-grade crop.

·Unit Voltage TBD by Customer at time of order.

·Full grow equipment: lights, nutrient feed system, plant pot racks and pot spill-pans are included unless Customer specifies otherwise.

·4 to 8-hour hook-up time if site power and water are in place.

·Custom client specified process components can be provided at time of order.

·Within the same day as delivery – 200 to 360 8” plant pots are growing per POD, more if seedlings.

HortiPOD ™

[See Apollo Power Solutions’ other Unitary Products as well for additional applications: “HygroPOD™” & “EnerPOD™”]

“HygroPOD™”, “HortiPOD™” & “EnerPOD™” are Trademark Proprietary Properties of Apollo Power Solutions, Inc.

