

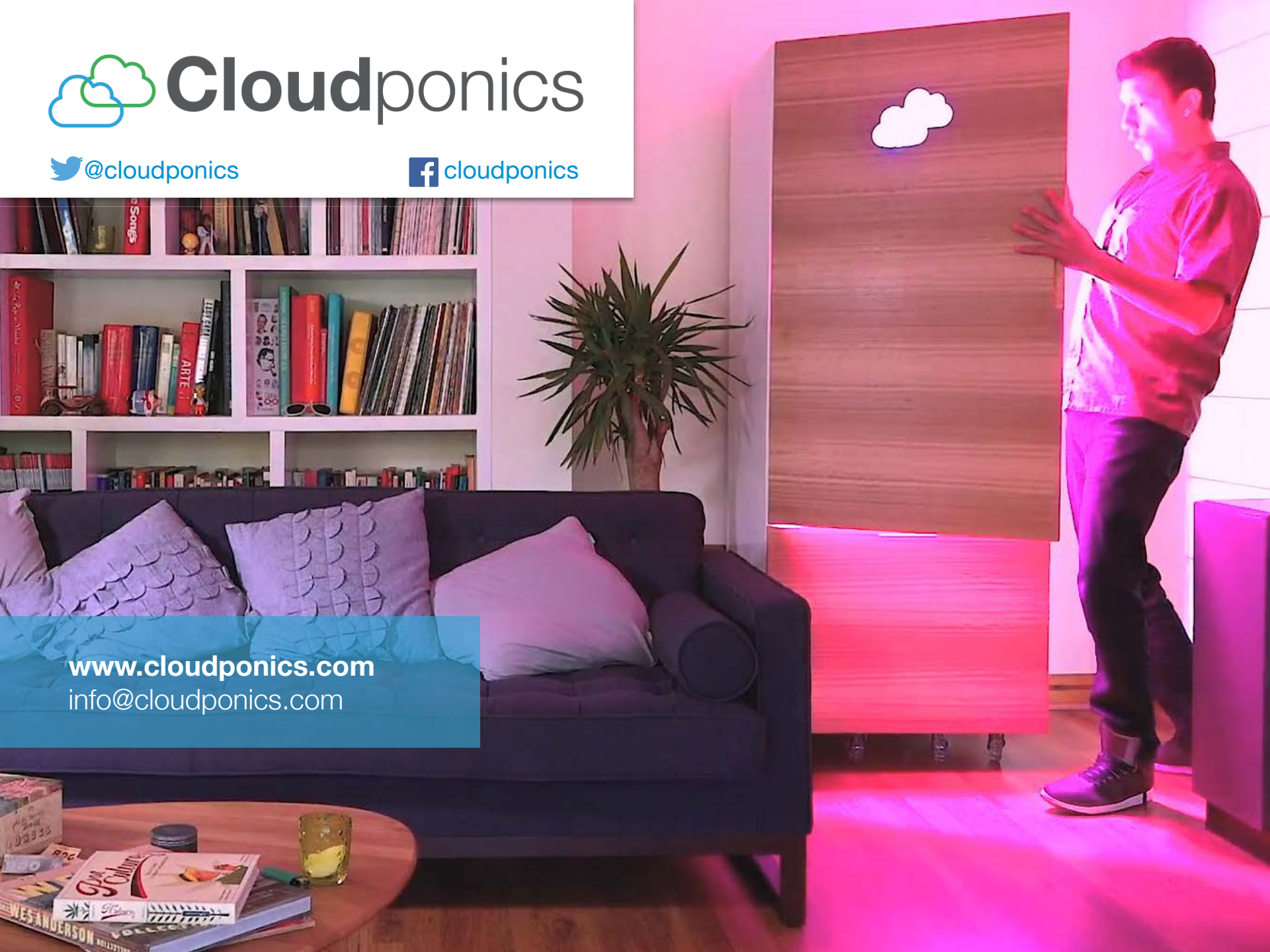


 @cloudponics

 cloudponics

www.cloudponics.com

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Meet **GroBox**

GroBox, by **Cloudponics**, is the fully automated, internet-connected, home growing system for cannabis.

- Fully automated, self-sustaining grow system
- Cloudponics app monitors and controls grow process
- Odor-proof & secure locking
- Grow up to **8 oz** every 3 months
- Know what you are consuming
- Perfect for beginners and experienced growers alike

No babysitting required

GroBox gives a whole new meaning to the phrase “low maintenance.”

GroBox is a totally autonomous, totally self-sustaining system. Fill the water reservoir every 2-3 weeks, give your plants the occasional prune, and **Gro**Box will take it from there.

Vacation, anyone?



GroBox app

Monitor and control your system from anywhere in the world with the **Cloudponics** app.



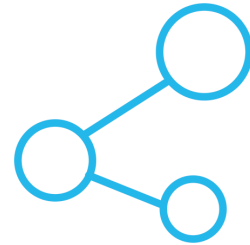
MONITOR

Cloudponics app keeps track of **GroBox's** water, nutrients, lighting, pH levels, temperature and more.



REMIND

Time to refill the water reservoir?
Cloudponics app will shoot you a friendly reminder



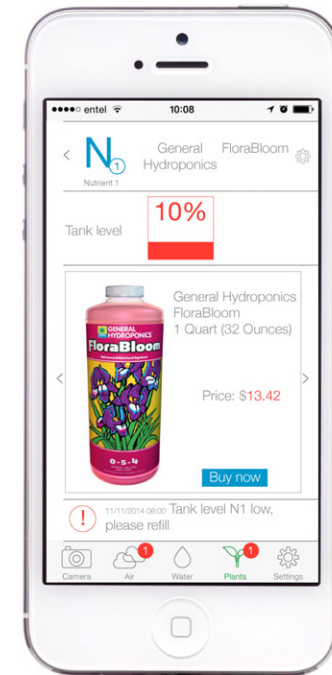
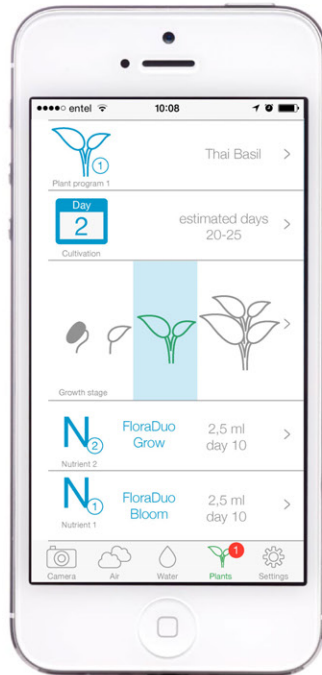
DISCOVER

Share and discover grow schedules, tips, tricks and more with the **Cloudponics** community

The Personalized Grow Assistant Who Lives On Your Phone

No green thumb? No problem!

GroBox is the perfect solution for beginners and experienced growers alike.



FOR BEGINNERS

Guidance & Growth

Draw on **Cloud**ponics database of grow programs, get tips and tricks from experts, and get guidance every step of the way with the **Cloud**ponics app.

FOR EXPERTS:

Freedom & Flexibility

Fine tune light cycles, tinker with temperature and humidity, devise new nutrient recipes for specific plants and strains, then share your findings with the **Cloud**ponics community.

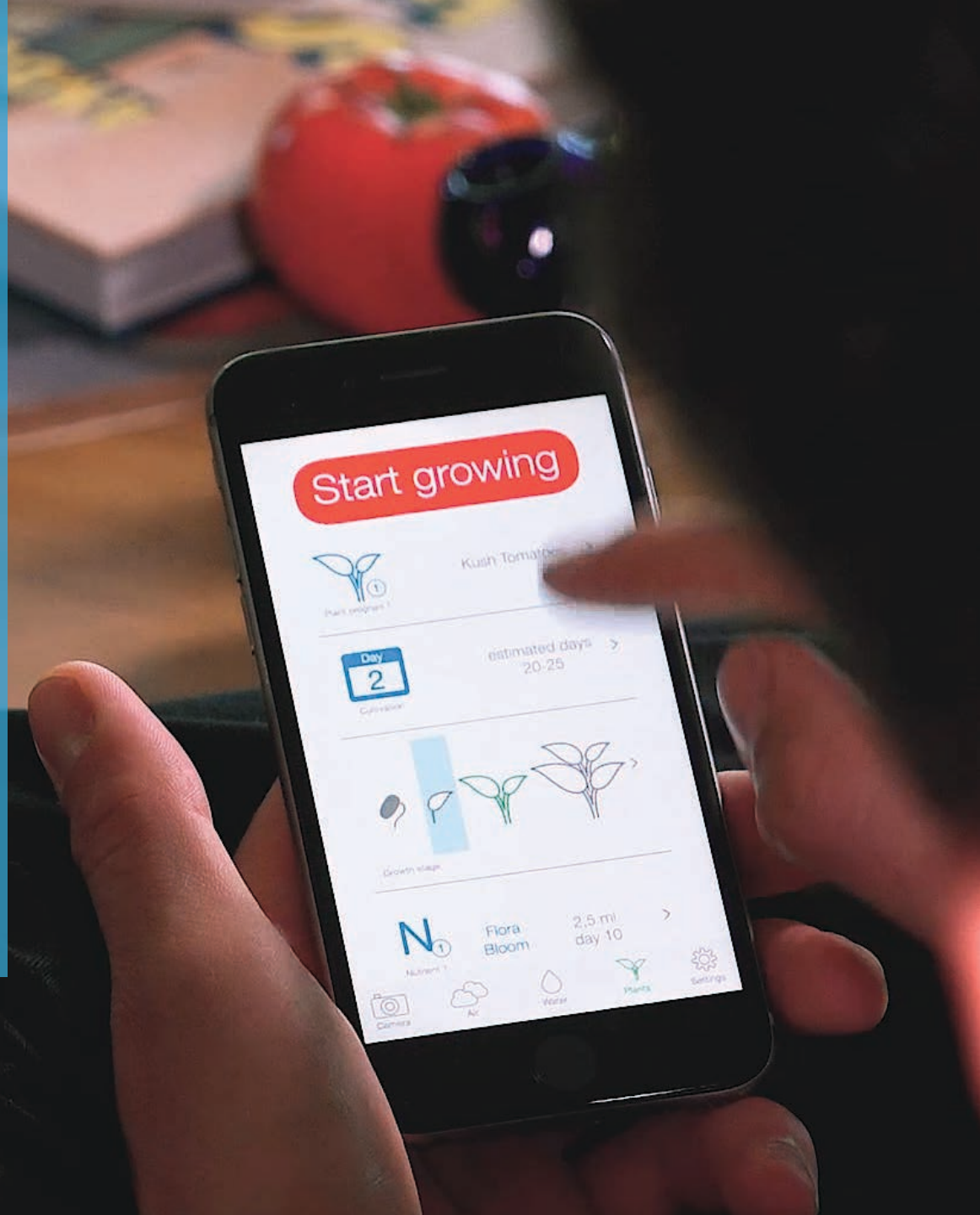
Grow medicine at home

Grow the strain that works for your ailment

Studies have found that cannabis can be an effective treatment for a wide variety of illnesses ranging from arthritis and epilepsy to cancer and chronic pain -- conditions

When you're sick or in pain, the last thing you want to do is spend your time and money shuttling back and forth to the dispensary.

GroBox offers medicinal cannabis users a simple, low-stress alternative that puts relief literally within reach.



GroBox starts paying
for itself from day
one.

After the initial investment in the **Gro**Box system itself, **Gro**Box's costs are very low. Electricity consumption is only 15 USD per month. Just buy seeds and the occasional refresh on nutrients, filters and other supplies, and you're ready to go!

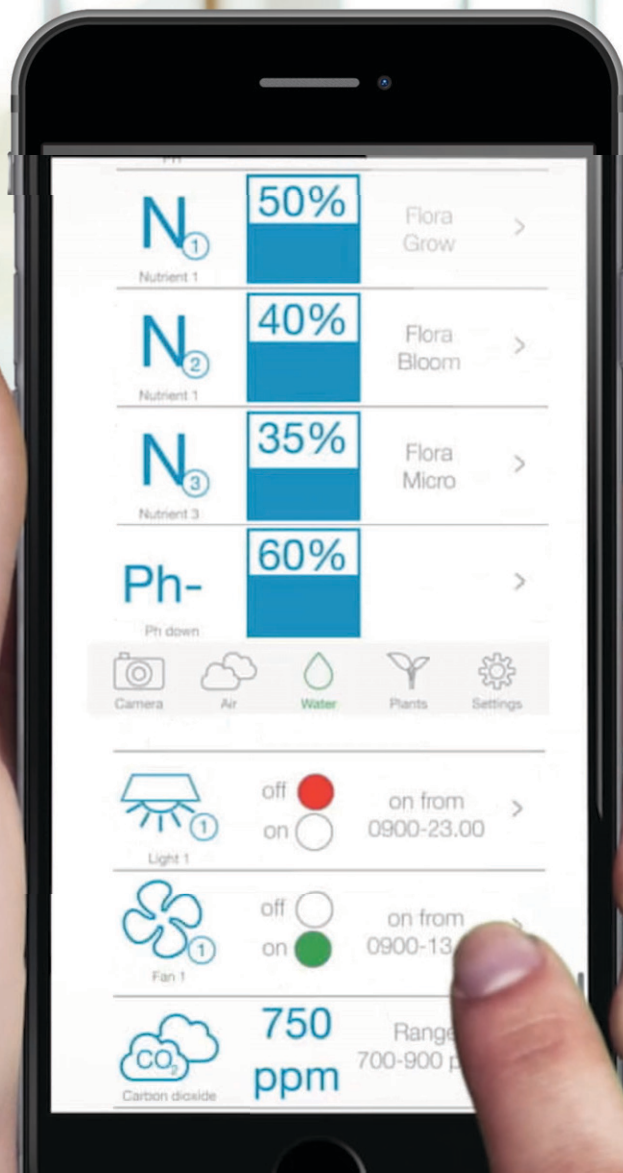




Home grown & healthy

With the number of growers increasing all the time, it's getting increasingly difficult to determine where your cannabis came from, who grew it or what went into it.

Growing your cannabis at home with **GroBox** gives you total control over the way your cannabis is grown -- and total peace of mind that you know what you're consuming.



Names you can trust

Cloudponics is proud to partner with 2 top brands from the cannabis industry to bring **Gro**Box to life.

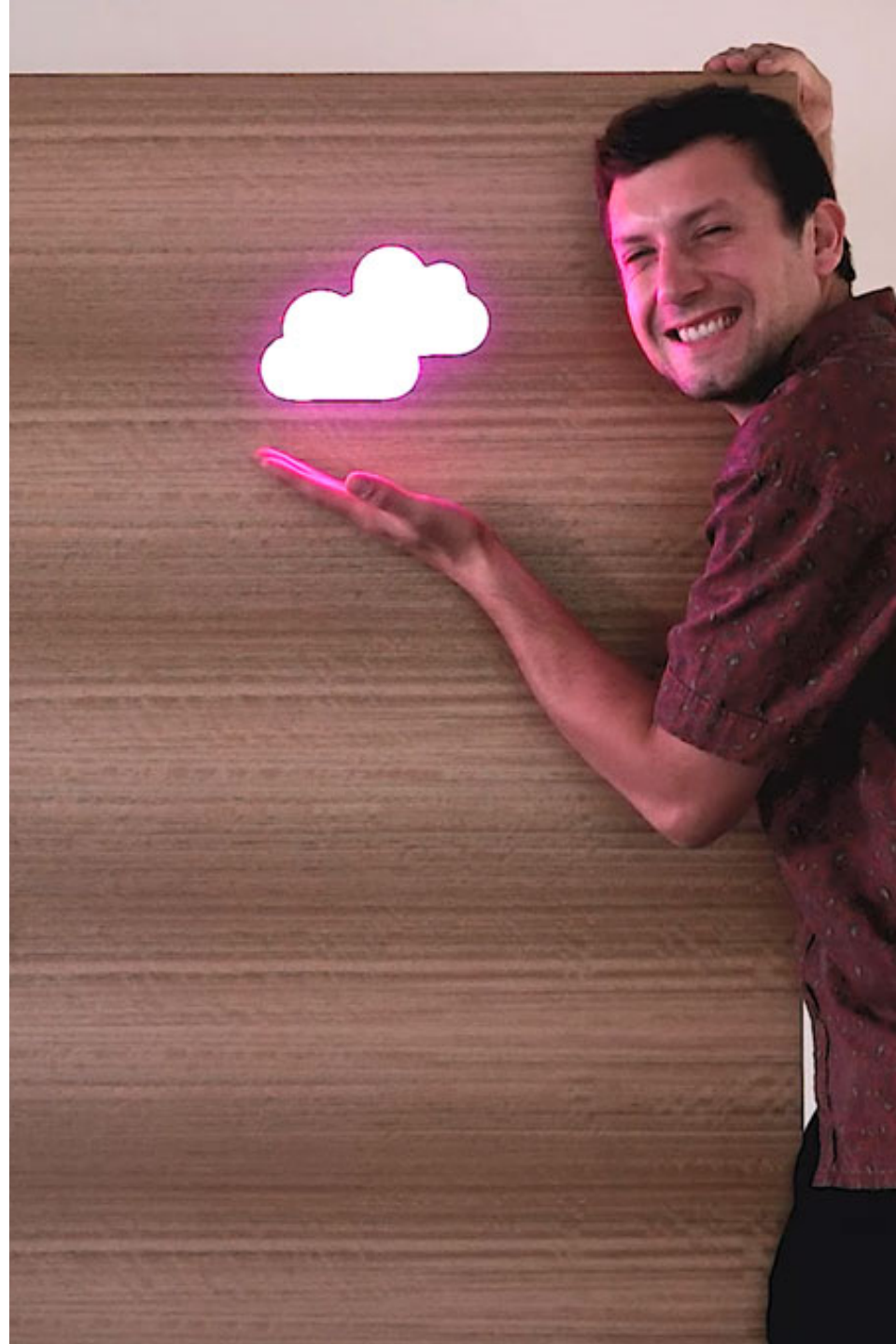
Nutrients by



LED grow lights by



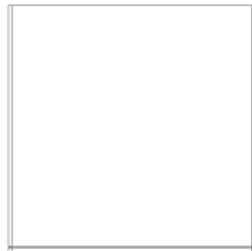
BLACK DOG LED



What is included

The **Cloudponics GroBox** plant grow system comes with:

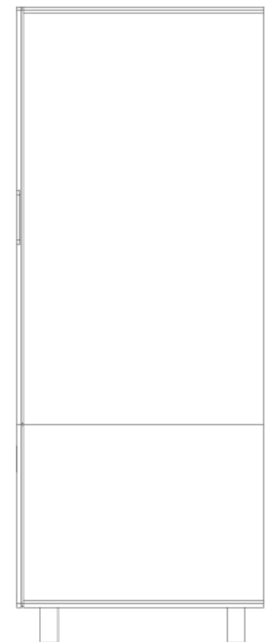
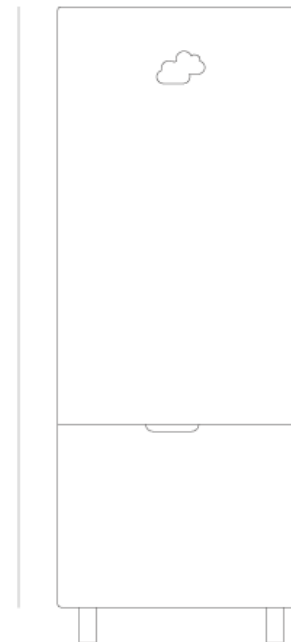
- GroPro controller
- Extraction fan
- EC sensor
- Aeroponic grow chamber for 6 plants
- Nutrient mix reservoir
- pH down buffer (500 ml)
- Light intensity sensor
- Cloudponics App
- Carbon filter for odor removal
- Nutrient dosing for 3 nutrients
- Water temperature sensor
- Air temperature sensor
- pH dosing
- Aeroponic irrigation pump
- Automated door lock
- Black Dog Phytomax 200 LED grow light optimized for plant growth and flowering
- pH sensor
- 6 netcups
- Fresh water reservoir
- General Hydroponics Flora Series 3 part nutrients (500 ml each)
- Humidity sensor
- Fresh water pump



Height
67"

Width 28"

Depth 28"



FAQs



When will the GroBox ship?

The GroBox will ship this summer in the US, Canada and Chile.



How much can I expect to produce with each cycle?

It depends on strain and genetics, but on average you should be able to grow 8 ounces per cycle (estimated 3 months).



How much electricity does the system consume?

The GroBox has a very low power consumption, only using 250 watts for 12 hours per day, and 40 watts for the other 12 hours.



How much time must I dedicate to attend the system?

With 30 minutes per week doing basic tasks (explained and reminded on the app), your plants will thrive.



How long can the system run by itself?

The system needs you to fill the water reservoir every 2-3 weeks. So if you're planning on going on vacation, rest assured that the GroBox has your back.



What's the warranty on the system?

The system has a 5 year warrant for the lights, 2 years for the electronics and cabinet, and 6 months for the EC and pH sensors.



Can I use clones with the GroBox or only seeds?

The GroBox works great for both seeds or clones. Just specify it in your app and the system takes it from there.



Can I grow in a larger space?

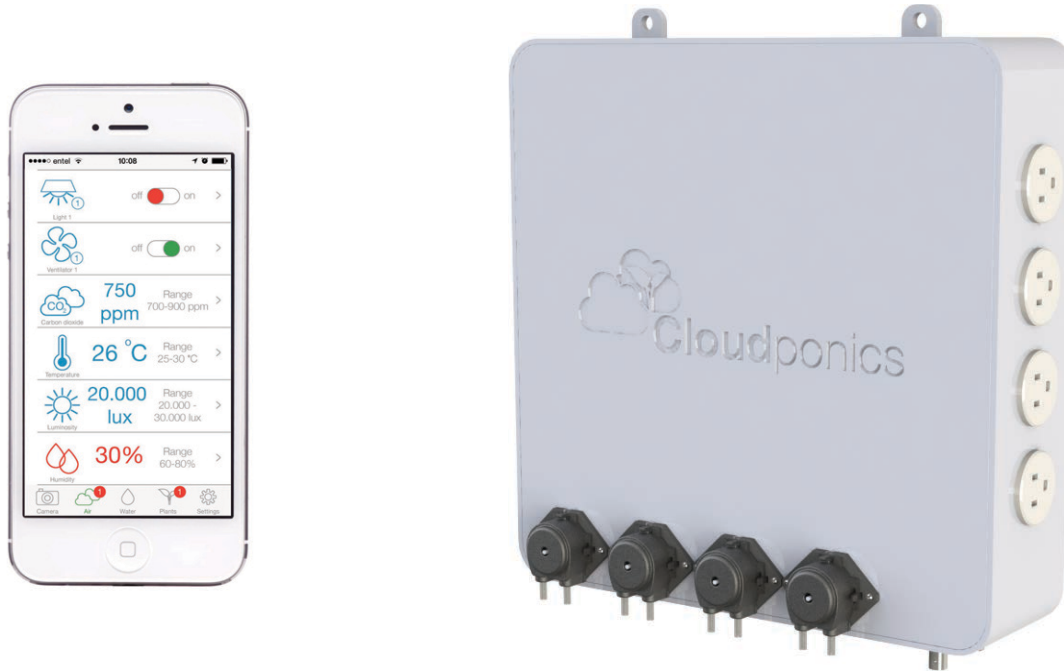
Yes, for custom setups we offer the GroPro, which is the brains for the GroBox and automates any existing hydroponics grow room



Is GroBox suitable for professional use?

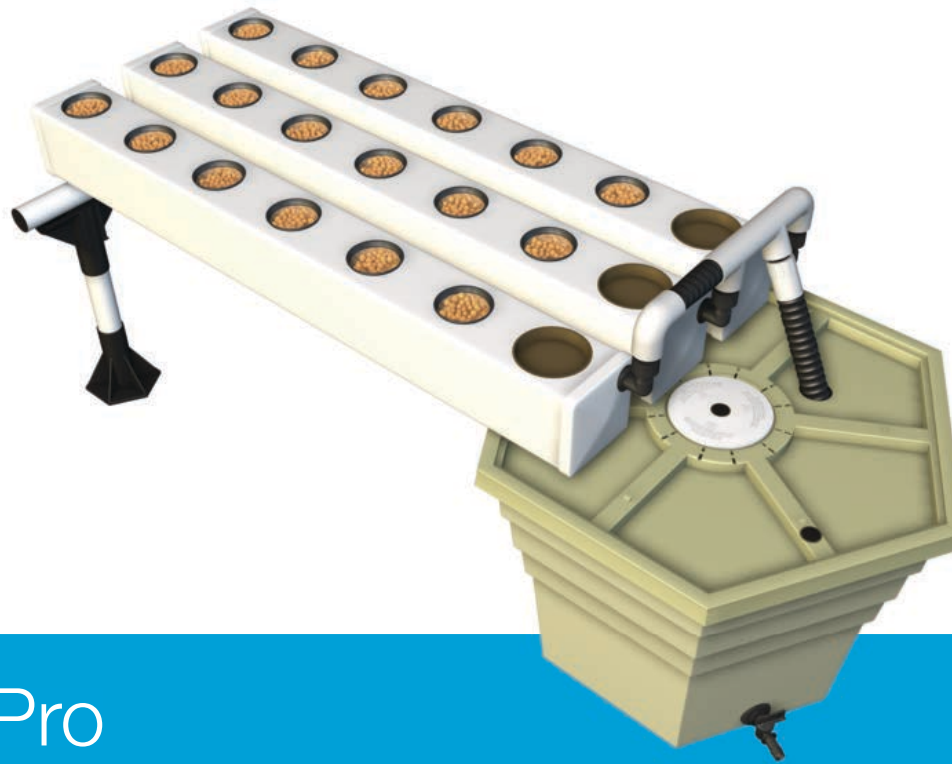
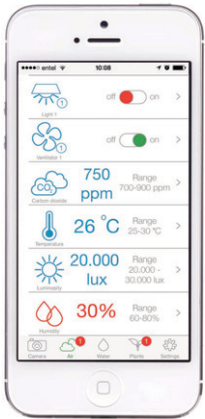
We designed GroBox specifically for the needs of recreational and medicinal users. For professionals, we offer the GroPro+: a more complete, robust system designed for high-volume production.

Cloudponics GroPro



Automate your indoor grow
Care for your plants, peace for your mind





Meet **GroPro**

The **Cloudponics GroPro** allows you to fully automate your grow room or grow tent. Simply plug in your current lights, fan/heater, humidifier/dehumidifier and hydroponic water pump and let the **GroPro** adjust the climate and irrigation schedules for optimal growth. By placing the pH and EC sensors in your nutrient reservoir and connecting the nutrient and pH pumps to your nutrient reservoir, you leave the tedious task of nutrient and pH management in the hands of the **GroPro**. By using a secondary water reservoir for fresh water that will be used to top off automatically when you are away and dilute the nutrient mix if there is salt buildup, going away on vacations while your plants thrive is finally a reality.



Easy to use

The Cloudponics **GroPro** is fully customizable, but you can also use the preset grow recipes. Select the plant or strain you want to grow and the system will take care from seed to harvest. Follow your grow process on the app.



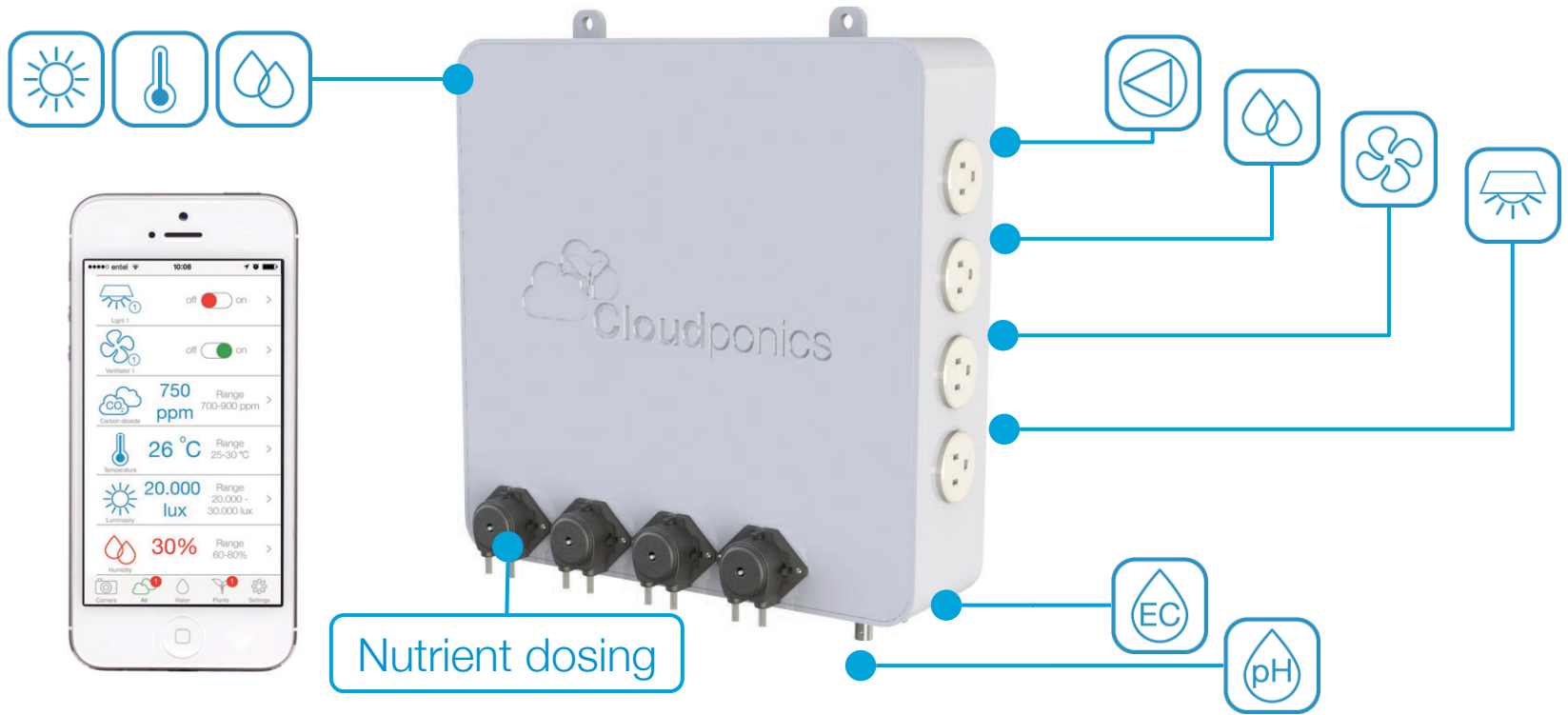
Freedom

Plants thrive when you're nurturing them, but you can't be there at all times. Don't want to ask your mom or neighbor to check on them while you're on vacation? No problem, **GroPro** has your back.



Share

Join a growing community of growers around the world. Use someone else's successful grow recipe for the same strain you are growing and watch your yields and quality reach the maximum potential.



Ambient control

Monitor air temperature, humidity and light intensity. Control fan and humidifier.



Autonomy

By using a separate fresh water reservoir, refill your nutrient water reservoir when needed. The bigger the fresh water reservoir, the longer you can be away. Vacations anyone?



Light schedule

Turn lights on and off according to plant stage.



pH control

To avoid pH problems, the system maintains pH at perfect levels with pH buffer.

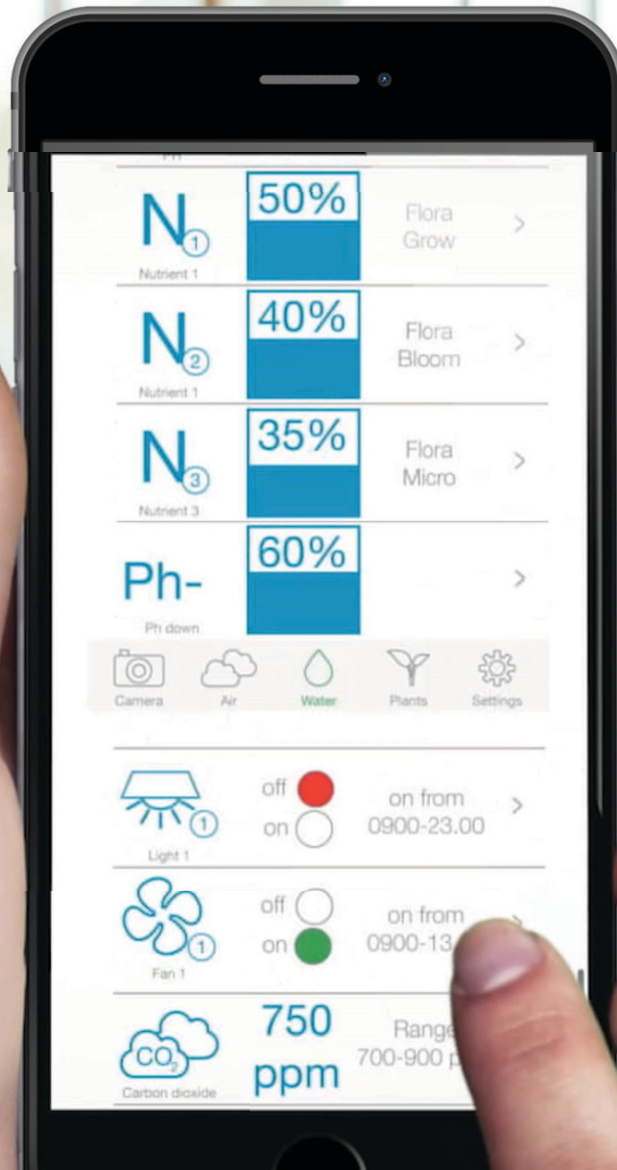


Nutrient control

Proprietary nutrient controls injects 3 nutrients according to plant strain and stage. You can use predefined recipes, custom your own or use one from the community with a click of a button.

Gro app

Monitor and control your system from anywhere in the world.



The Personalized Grow Assistant Who Lives On Your Phone

MONITOR

Cloudponics app keeps track of nutrients, lighting, pH, temperature and more.

REMIND

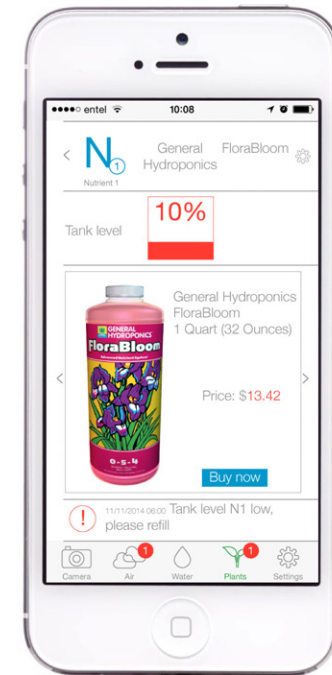
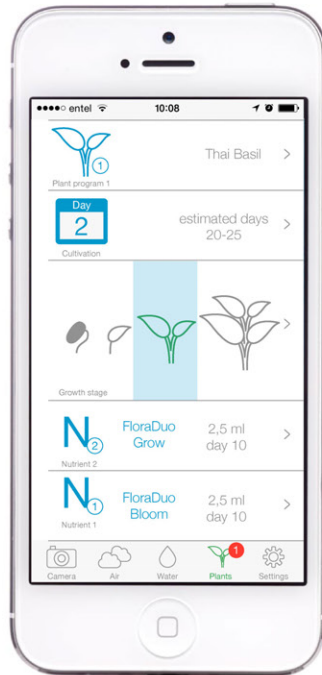
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Draw on **Cloud**ponics database of grow programs, get tips and tricks from experts, and get guidance every step of the way with the **Cloud**ponics app.

FOR EXPERTS:

Freedom & Flexibility

Fine tune light cycles, tinker with temperature and humidity, devise new nutrient recipes for specific plants and strains, then share your findings with the **Cloud**ponics community.

What is included

The **Cloudponics GroPro** hydroponic control system comes with:

- - Nutrient dosing for 3 nutrients
- - pH dosing for pH down buffer
- - pH sensor
- - EC sensor
- - Water temperature sensor
- - Air temperature sensor
- - Humidity sensor
- - Light intensity sensor
- - Water level sensor
- - Plug for irrigation pump
- - Plug for humidifier / dehumidifier
- - Plug for fan
- - Plug for grow light

What is needed

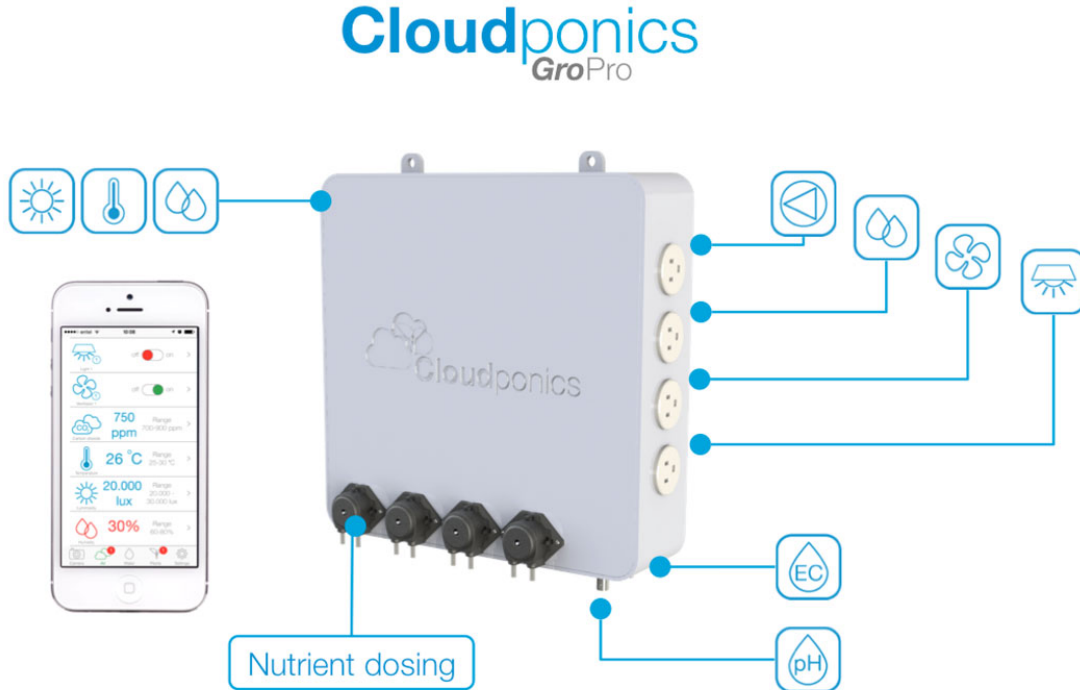
- - Hydroponic / Aeroponic grow system (can be purchased additionally)
- - Grow tent or room
- - Fan
- - Humidifier
- - Grow light
- - Up to 3 nutrients
- - pH buffer

The **GroBox** is a fully automated system for growing cannabis at home. The **Cloudponics GroBox** allows anyone to grow great quality plants at home without any hassle, controlling the whole process from their phone. The system controls the climate, doses nutrients and pH, it comes with climate sensors, EC and pH probes and a **Black Dog LED** light. The **GroBox** can grow up to 6 medicinal plants and produce up to 8 ounces.

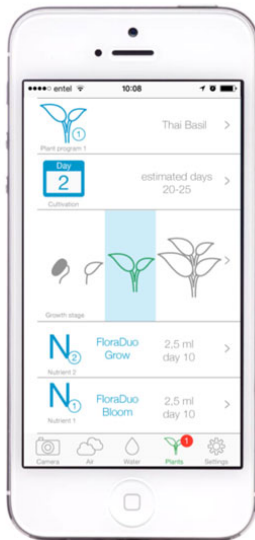


The **Cloudponics GroPro** is a controller and nutrient doser for existing hydroponic systems. The **GroPro** allows you to fully automate a grow room or grow tent.

You can plug in your current lights; fan/heater, humidifier/dehumidifier and hydroponic water pump and let the **GroPro** adjust the climate and irrigation schedules for optimal growth. By placing the pH and EC sensors in your nutrient reservoir and connecting the nutrient and pH pumps to your nutrient reservoir, you leave the tedious task of nutrient and pH management in the hands of the **GroPro**. By using a secondary water reservoir for fresh water that will be used to top off automatically when you are away and dilute the nutrient mix if there is salt buildup, going away on vacations while your plants thrive is finally a reality.



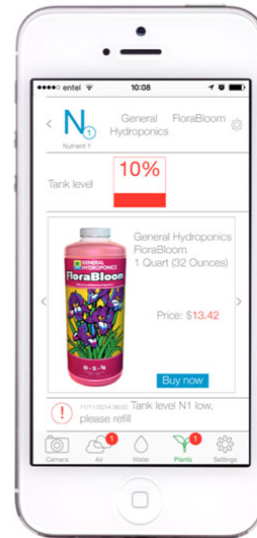
The grow experience is enhanced with strain specific grow programs, you can take pictures and share grow results with the community and buy nutrients through the **Gro** app.



Plant and strain specific grow recipes



Share grow results and photos with community



In app nutrient sales

Key customer benefits:

The Cloudponics GroBox and GroPro are fully automated and can be controlled remotely via the smart phone app, allowing the grower to leave his/her plants alone for weeks without worrying they will die.

Beginner growers can get similar results to expert growers spending very little time and without any previous knowledge. Growing hydroponically is a difficult and time consuming task, there is a steep learning curve and most beginner growers get very bad results or even end up killing their plants.

The daily dedication of checking pH and nutrient levels is very time consuming for expert growers, our systems do this automatically.

Expert growers can fine-tune the plant and strain specific recipes according to their preference.

Small commercial users will have significant savings in labor since most of the process will be automated and can be remotely controlled, allowing one expert to be able to control multiple grow operations in different locations.

Target Consumers:

The target consumer for the **GroBox** is a daily user of cannabis both for recreational or medicinal reasons. Daily users can save money growing their own cannabis, they can know firsthand what went into the plant during the growing process, and actually enjoy growing plants themselves with excellent results. The effect of consuming cannabis that has been grown by the grower at home is just impossible to achieve when buying cannabis grown by someone else.

The target customer for the Cloudponics **GroPro** are both cannabis and vegetable/flower growers who have or want a bigger grow setup and who want to automate their current systems or growers who want to switch to hydroponic because they can increase yields and significantly reduce water consumption (10% water consumption) but who don't want the hassle and time dedication needed for hydroponics.

Competitive advantages are:

We have the only app-enabled, personal grow system working today.

We have solid partnerships with General Hydroponics and Black Dog LED

Plant and strain specific grow recipes with exact nutrient analysis, sensing and nutrient dosing according to the plant's actual needs (patent pending).

Our differences between the GroBox and Leaf are the following:

- Leaf's system can produce 4 oz of dry cannabis, while Cloudponics **GroBox** can produce 8 oz.
- The **GroBox** can grow 6 plants, the Leaf only 2.
- Leaf uses Deep Water Culture, inferior results in yield and speed when compared to Aeroponics (used by **GroBox**).
- Leaf has only one water tank, so water must be changed weekly in order to avoid salt buildup. **GroBox** has a separate fresh water tank, allowing the user to leave for up to 3-4 weeks before the water tank needs to be filled again (patent pending)
- Leaf is manufactured in China; **GroBox** is manufactured partially in the USA.
- We offer the **GroPro** for customers who want a bigger setup or already have equipment.
- Leaf uses BIOS LED lights, which have little experience at growing cannabis. **GroBox** uses a Black Dog LED light, a cannabis specific grow light company that won the award for best LED grow light 2016 on the

cannabis grower site www.howtogrowmarijuana.com. They are considered by many as the best cannabis LED grow lights out there.

FAQs GroBox:

How does the **GroBox** connect to the internet?

The **GroBox** connects to your home's Wi-Fi.

When will the **GroBox** ship?

The **GroBox** will ship in October.

How much can I expect to produce with each cycle?

It depends on plant strain and plant genetics, but on average you should be able to grow 8 ounces per cycle (estimated 3 months).

How much electricity does the system consume?

The **GroBox** has a very low power consumption, only using 250 watts for 12 hours per day, and 40 watts for the other 12 hours.

How much time must I dedicate to attend the system?

With 30 minutes per week doing basic tasks (explained and reminded on the app), your plants will thrive. CAUTION, growing with the **GroBox** may be addictive, you may want to spend hours everyday just talking to your plants and watching them grow!

How long can the **GroBox** run by itself?

The **GroBox** needs you to fill the water reservoir every 2-3 weeks. So if you're planning on going on vacation, rest assured that the **GroBox** has your back

Can I use clones with the **GroBox** or only seeds?

The GroBox works great for both seeds and clones. Just specify it in your app and the system takes it from there.

Thank you-
