Meet **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 GroBox will take it from there.

Vacation, anyone?
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!

**Gro**Box is the perfect solution for beginners and experienced growers alike.

**FOR BEGINNERS**
Guidance & Growth
Draw on Cloudponics database of grow programs, get tips and tricks from experts, and get guidance every step of the way with the Cloudponics 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 Cloudponics 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 GroBox system itself, GroBox’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!
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 GroBox to life.

Nutrients by General Hydroponics

LED grow lights by Black Dog LED
What is included

The **Cloudponics Gro**Box 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
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 warranty 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.
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.

Light schedule
Turn lights on and off according to plant stage.

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.

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?

pH control
To avoid pH problems, the system maintains pH at perfect levels with pH buffer.
The Personalized Grow Assistant Who Lives On Your Phone

Monitor and control your system from anywhere in the world.

**MONITOR**
*Cloudponics* app keeps track of nutrients, lighting, pH, 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.
GroPro is the perfect solution for beginners and experienced growers alike.

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Guidance & Growth
Draw on Cloudponics database of grow programs, get tips and tricks from experts, and get guidance every step of the way with the Cloudponics 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 Cloudponics community.

No green thumb? No problem!
What is included

The **Cloudponics Gro**Pro 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.

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, sensoring 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-