SPEND LESS, STRESS LESS,
GROW LIKE A PRO.

GREEN HYDRO

User Manual

Before choosing the plants you need to grow
please first confirm whether they comply with local laws and regulations.

Thank you for choosing GreenHydro!

As hippie-inspired entrepreneurs, we are constantly striving to introduce the latest technologies and concepts to the 420 industry.
With the growing global green movement,
we are starting with household cultivation systems and continuously expanding our offerings to build a complete product chain and
digital platform around 420 culture.

Today, we proudly present our first product. It's not just a tool, but the beginning of a revolutionary future. Let's embrace this green revolution together!

This complete indoor cultivation system is the result of three years of development. Intelligent control technology has been fully integrated into the devices needed for the growing space, creating an automated system. Each device can be operated via the cultivation unit's control controller or through the mobile app.

We are committed to the highest product quality and friendly customer service, and we promote an open exchange so that we can grow and share successes with our users. If you have any questions or suggestions,
please feel free to contact us at any time.

For more product details and frequently asked questions, please visit our Official website:https://www.green-hydro.com/

Before use, read this manual thoroughly to ensure correct installation and operation.

- Do not connect to non- rated power sources.

- Never use in damp/wet environments to prevent electric shock hazards.

- Do not disassemble or repair unless qualified. Risk of injury.

- Keep away from heat sources/open flames. Fire hazard.

- Immediately power off if an unusual odor, smoke, or sound occurs. Contact after-sales support.

- Use only manufacturer-supplied accessories/power cords. Third-party parts void warranties and cause safety risks.

- Always unplug before cleaning. Never wipe while powered on.

- Keep out of children's reach to prevent misuse or electrocution.

- Household/indoor use only. Industrial/outdoor applications require written authorization.

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LED Grow Lights

Clip-Fan

Controller

Inline Duct Fan

Dehumidifier
(Optional)

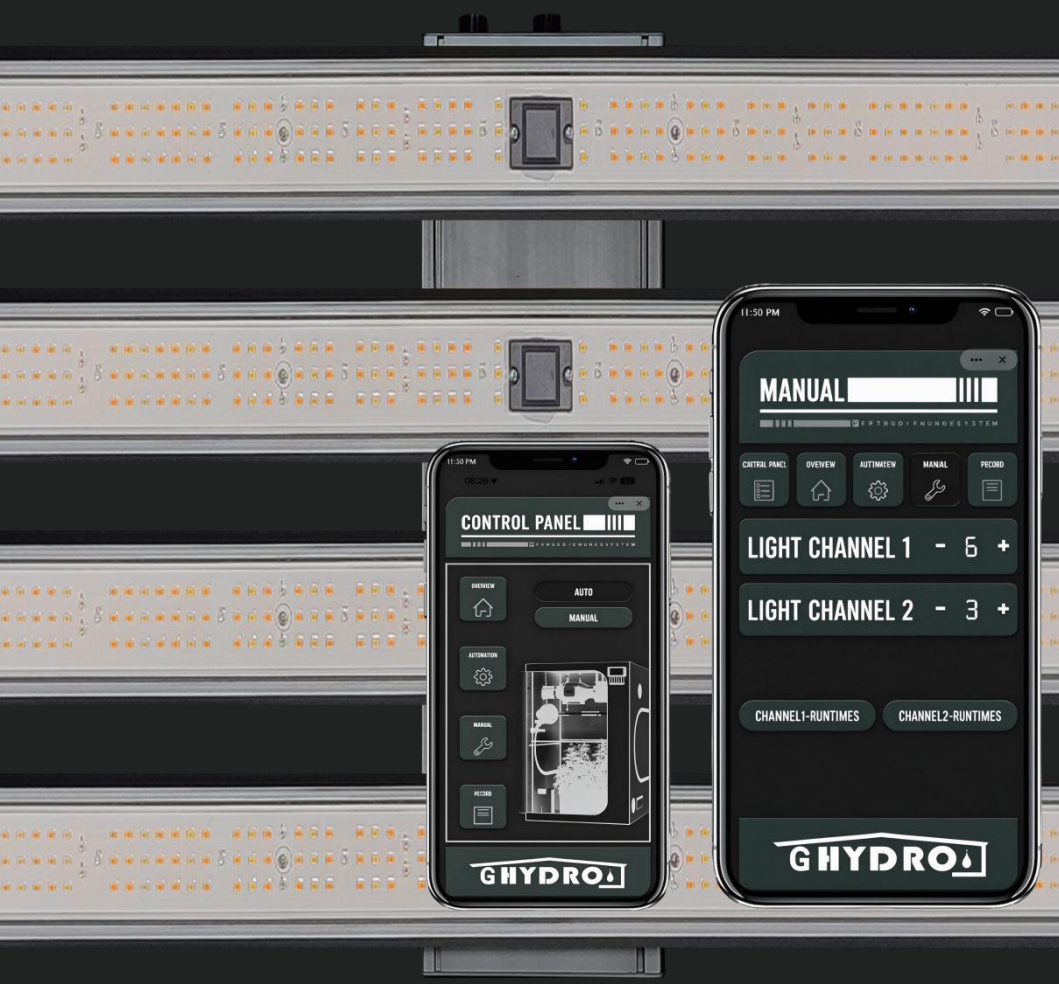
Water Pump

T&H+TVOC

Automated Environment Control System:

This system continuously monitors key indicators (temperature, humidity, CO2, TOVC,soil moisture) via built-in sensors. It automatically controls connected devices like fans, lights, humidifiers, and heating mats to maintain optimal conditions.

Lights simulate natural dawn/dusk, gradually increasing intensity within optimal ranges. Enjoy precise, hands-free environmental management.



Smart LED Plant Growth Light

Features a meticulously designed dual-channel spectral output, precisely tailored for the entire growth cycle: seed germination, vegetative growth, and flowering/ fruiting.

Supports sunrise/sunset photo period simulation for a natural light environment. Equipped with dimming and timer functions, and controllable via a remote app for convenient and efficient cultivation management.

Smart Grow Tent Control App

Monitor your grow tent's environment in real time from anywhere with our mobile app. Instantly check temperature, humidity, and light levels, and switch between Auto and Manual mode with just one tap—ensuring optimal growth conditions anytime, anywhere.

Dehumidifier
（Optional）

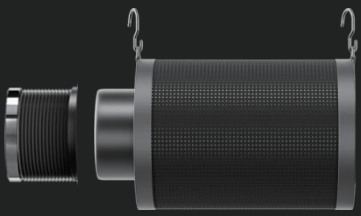
Water Pump

Clip-Fan

LED Grow Lights

T&H+TVOC

Clamps　Inline Duct Fan



Ducting　Carbon Filter

Plug & Play Smart System

Our all-in-one design comes pre-wired and ready to use—no technical skills needed for quick setup. The modular structure allows easy cleaning, maintenance, and future upgrades for hassle-free operation.

Home-Friendly Design

With a sleek, modern look and quiet, energy-efficient operation, our system blends seamlessly into any home—perfect for balconies, garages, storage rooms and other living spaces.

Grow Kits

Product Contents

	24”X24”X48”	36”X36”X72”	48”X24”X60”	48”X48”X80”	60”X30”X80”
Size	2x2	3x3	4x2	4x4	5x3
Color	Black	Black	Black	Black	Black
Inline Duct Fan	Φ4”	Φ4”	Φ6”	Φ6”	Φ6”
Clip-Fan	x1	x1	x1	x1	x1
Led Light	120W (Two Channels)	240W (Two Channels)	370W (Two Channels)	450W (Two Channels)	550W (Two Channels)
Carbon Filter	Φ4”	Φ4”	Φ6”	Φ6”	Φ6”
Water Pump	x1	x1	x1	x1	x1
Bud Cutter	x1	x1	x1	x1	x1
Air duct	Φ4”	Φ4”	Φ6”	Φ6”	Φ6”
Accessory Box	x1	x1	x1	x1	x1

	24”X24”X48”	36”X36”X72”	48”X24”X60”	48”X48”X80”	60”X30”X80”
Size	2x2	3x3	4x2	4x4	5x3
Color	Off-White	Off-White	Off-White	Off-White	Off-White
Inline Duct Fan	Φ4”	Φ4”	Φ6”	Φ6”	Φ6”
Clip-Fan	x1	x1	x1	x1	x1
Led Light	120W (Two Channels)	240W (Two Channels)	370W (Two Channels)	450W (Two Channels)	550W (Two Channels)
Carbon Filter	Φ4”	Φ4”	Φ6”	Φ6”	Φ6”
Water Pump	x1	x1	x1	x1	x1
Bud Cutter	x1	x1	x1	x1	x1
Air duct	Φ4”	Φ4”	Φ6”	Φ6”	Φ6”
Accessory Box	x1	x1	x1	x1	x1

Grow Tent

Product Contents

Model:GH-PTB2*2-A01
Dimensions:24”X24”X48”
Material:1680D Oxford Fabric

Model:GH-PTB3*3-A01
Dimensions:36”X36”X72”
Material:1680D Oxford Fabric

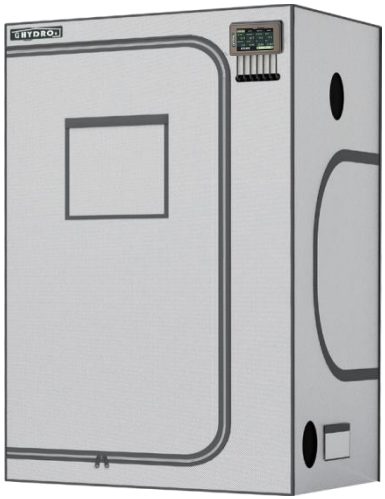
Model:GH-PTB4*2-A01
Dimensions:48”X24”X60”
Material:1680D Oxford Fabric

Model:GH-PTB4*4-A01
Dimensions:48”X48”X80”
Material:1680D Oxford Fabric

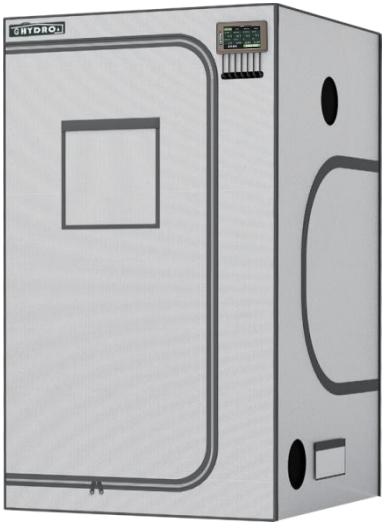
Model:GH-PTB5*2.7-A01
Dimensions:60”X30”X80”
Material:1680D Oxford Fabric

Model:GH-PTW2*2-A01
Dimensions:24”X24”X48”
Material:1680D Oxford Fabric

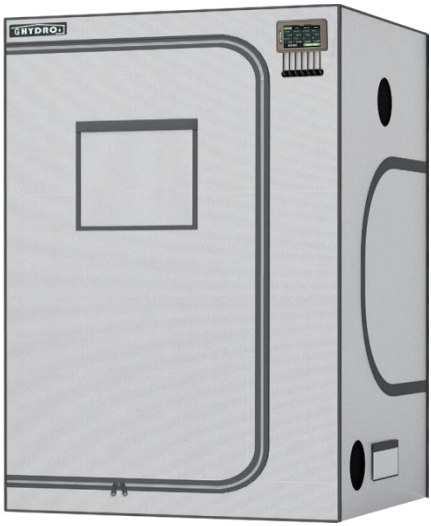
Model:GH-PTW3*3-A01
Dimensions:36”X36”X72”
Material:1680D Oxford Fabric



Model:GH-PTW4*2-A01
Dimensions:48”X24”X60”
Material:1680D Oxford Fabric



Model:GH-PTW4*4-A01
Dimensions:48”X48”X80”
Material:1680D Oxford Fabric



Model:GH-PTW5*2.7-A01
Dimensions:60”X30”X80”
Material:1680D Oxford Fabric

Product Details

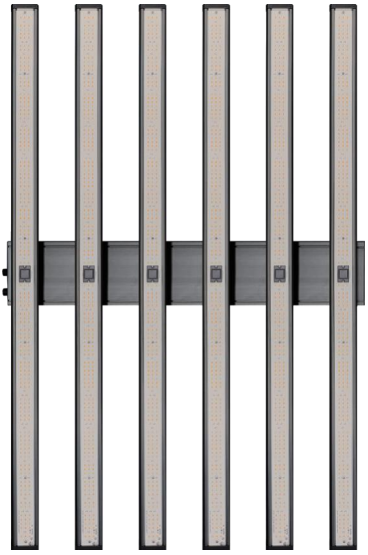
Grow Lights

Product Contents

Model:GH-GLG120-A01
Power:120W
PPE:288±5% umol/s
PPFD:800mol/m²/s @30cm

Model:GH-GLG240-A01
Power:240W
PPE:576±5% umol/s
PPFD:1000mol/m²/s @30cm

Model:GH-GLG370-A01
Power:370W
PPE:832±5% umol/s
PPFD:1200mol/m²/s @30cm



Model:GH-GLG450-A01
Power:450W
PPE:1040±5% umol/s
PPFD:1450mol/m²/s @30cm

Model:GH-GLG550-A01
Power:550W
PPE:1350±5% umol/s
PPFD:1650mol/m²/s @30cm

This instruction applies to our brand's lighting fixtures.

Function Description:

120W and 240W Models:
Switch to the Right: Controls full-spectrum adjustment.

Switch to the Left: Controls UV light ON/OFF.
Other Models:
Support independent UV light adjustment.

Usage Examples:

Vegetative Stage: Primarily use full-spectrum lighting (switch to the left).Flowering/Color Transition Stage: Appropriately turn on or adjust UV light to enhance bud density and improve color expression.

Notes:

The 120W and 240W models only feature the switch function; other models support UV light adjustment.Avoid keeping the UV light on for extended periods to prevent negative effects on plant growth.When operating the switch or adjusting UV lighting, ensure the power supply is properly connected and follow safety operation guidelines.

Ventilation Fan

Product Contents

Model:GH-DFG4-A01
Dimensions:Φ4”
Rated Voltage: 100-240VAC
Rated Current: 0.4A
Rated speed:2800±10% R/min

Model:GH-DFG6-A01
Dimensions:Φ6”
Rated Voltage: 110-240VAC
Rated Current: 0.94A
Rated speed:3000±10% R/min

Product Details

Ventilation Fan

Product Contents

Inline duct fan, activated carbon filter, duct accessories, compact smart controller.

(*Note: Fan and carbon filter specifications are the same as individual items above.)

Built- in 2.4G WiFi module on the controller for remote smart control via our brand APP.
(*Most compact fan-filter kits only support local manual operation.)

Activated Carbon Filter

Product Contents

Model:GH-ACFG4*25-A01
Duct Opening:Φ4”
Dimensions:Φ4”X10”
Carbon Quality:1200+RC412

Model:GH-ACFG4*30-A01
Duct Opening:Φ4”
Dimensions:Φ4”X12”
Carbon Quality:1200+RC412

Model:GH-ACFG6*25-A01
Duct Opening:Φ6”
Dimensions:Φ6”X10”
Carbon Quality:1200+RC412

Model:GH--ACFG6*30-A01
Duct Opening:Φ6”
Dimensions:Φ6”X12”
Carbon Quality:1200+RC412

Model:GH-ACFG6*40-A01
Duct Opening:Φ6”
Dimensions:Φ6”X16”
Carbon Quality:1200+RC412

Humidity and Temperature Sensor:

Relative humidity accuracy: up to ±1.5 %RH
Temperature accuracy: up to ±0. 1C
Supply voltage: 1.08 V ... 3.6 V
Average current:0.4 μA (at meas. rate 1 Hz)
Idle current:80 nA
SHT45-AD1B:±1.5 %RH,±0. 1°C accur., 0x44 I2C addr.
I2C fast mode plus,CRC checksum

TVOC:

Output Mode: IC slave mode (≤15kHz)
Sensor Type: MEMS semiconductor sensor
Measurement Range: 0~99999 ppb
Typical Accuracy (at 25°C/50%RH): 25% of reading
Standard Test Gas: Ethanol

Grow Accessory

Product Contents

Name:Signal Processor
Model:GH-APD-A01
Electric Current:400mA
Power:2W±5%

Name:Signal Receiver
Model:GH-APC-A01
Electric Current:100mA
Power:0.5W±5%

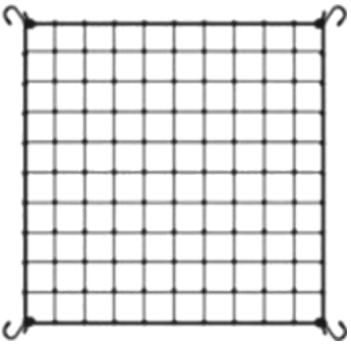
Name:Clip-Fan
Model:GH-CFB6-A01
Dimensions:Φ6”
Power:9W±5%

Name:Dehumidifier(Optional)
ModelL:GH-DHB-A01
Water Tank Capacity:0.4Gal (1.5 L)
Power:75W

Name:Water Pump
Model:GH-WP-A01
Lift: 2.5 Meters
Water Output: 1.2L/Min

Name:Air Duct
Model:GH-ADB6*8-A01
Dimensions:Φ4”/Φ6”
Material:Thermoplastic PVC

Name:Grow Bags
Model:GH-GB5-A01
Capacity:5-Gallon Bag
Material:Non-Woven Fabric



Name:Climbing Rattan Nets
Model:GH-CRN-A01
Size:2X2/3X3/4X2/4X4/5X5
Material:Elastic Rubber Rope

Name:Bud Cutter
Model:GH-GS-A01
Sizw:6.5”X1.8”
Material:Stainless Steel+PP+TPR

Name:Velcro Cable Tie
Model:GH-VCT-A01
Color:Black
Material:Nettbe

Name:Garden Plant Ties
Model:GH-GPT-A01
Color:Black
Material:Plastic

Name:Aluminum Foil Tape
Model:GH-AFT-A01
Color:Metal Silver
Material:Aluminum

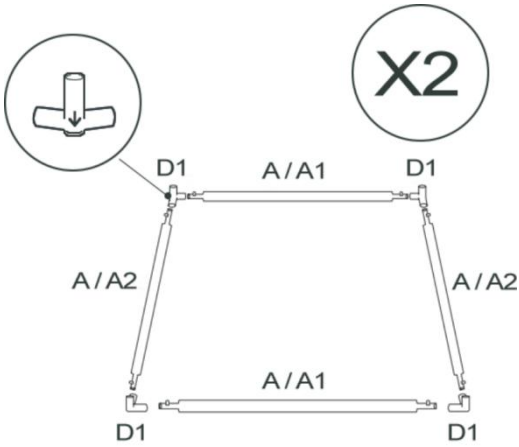
Grow Tent

Tent Setup

STEP 1

Insert the eight (A) poles* and into the floor end of the corner(D1) pieces to create two bases.

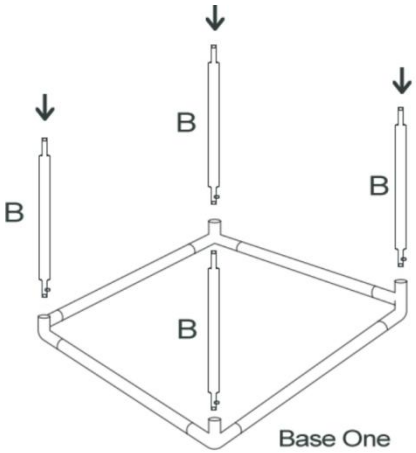
When assembling, make sure the feet of each corner (D1) piece faces the floor with the arrow facing down.

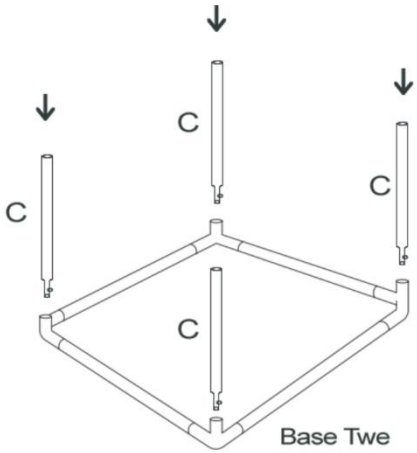


STEP 2

Insert the four (B) poles into Base One.

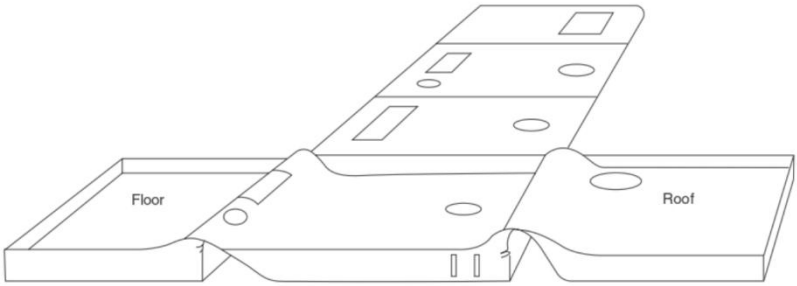
Insert the four (C) poles into Base Two.





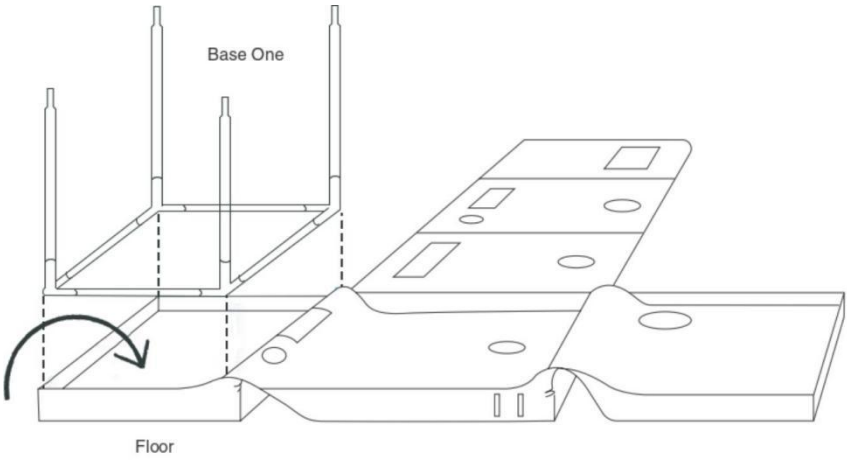
STEP 3

Unzip the tent so that three of the walls



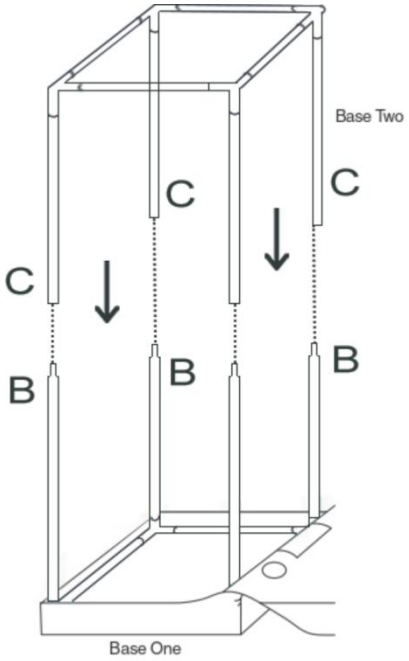
STEP 4

Guide Base One into the floor of the tent, making sure its corners meet the tent's corners.



STEP 5

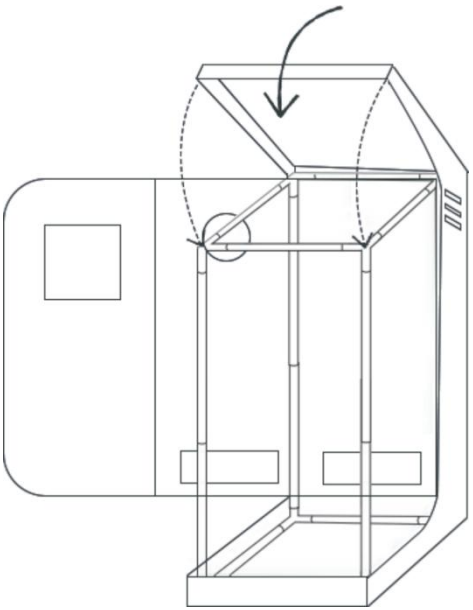
Insert the poles of Base Two into the poles of Base One to complete the frame.



Two people are recommended for this portion of the tent assembly

STEP 6

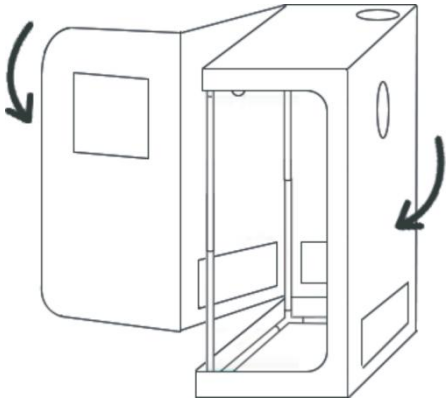
Pull the roof over the assembled frame

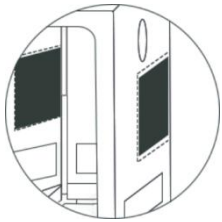


Two people are recommended for this portion of the tent assembly.

STEP 7

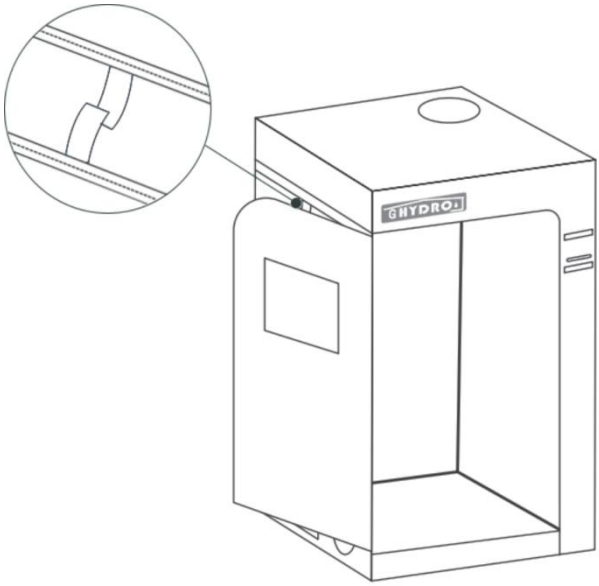
Pull the upper and lower zippers to close the walls and door.





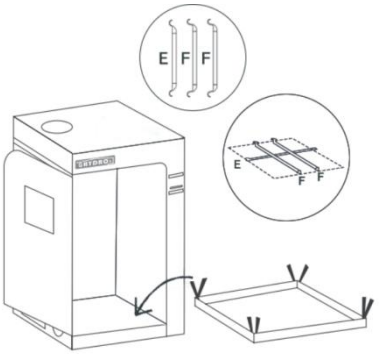
STEP 8

You can neatly hold the window wall open any time by using its attached hook and loop strap.

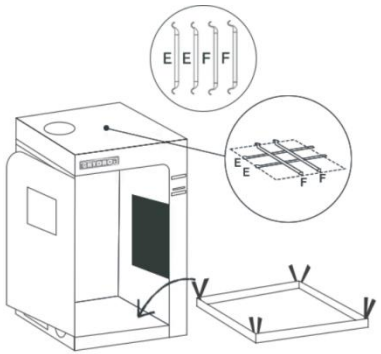


STEP 9

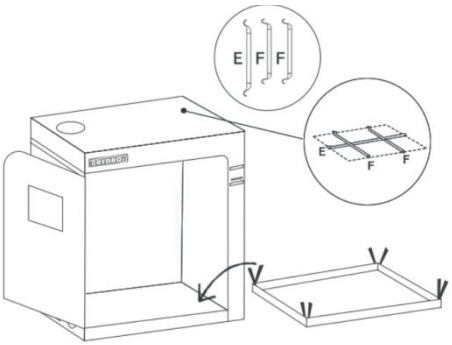
Add the roof support beams (E) then (F). Insert the spill pool into the tent and secure the hook and loop straps around the poles



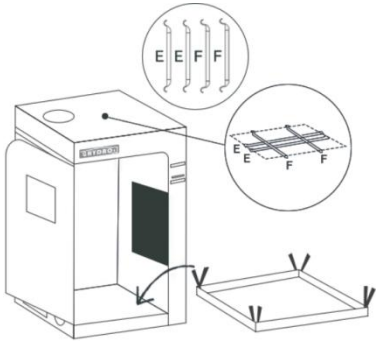
24X24X48



36X36X72



48X24X72

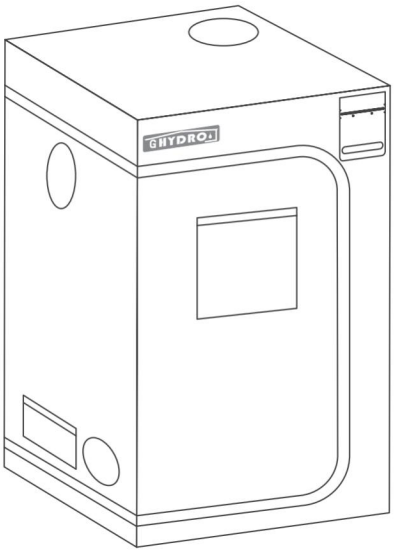


48X48X80

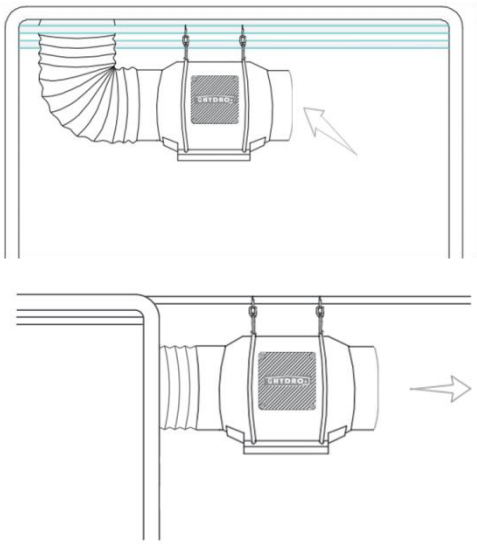
Grow Tent

Attachment Installation

1.Build the grow tent .



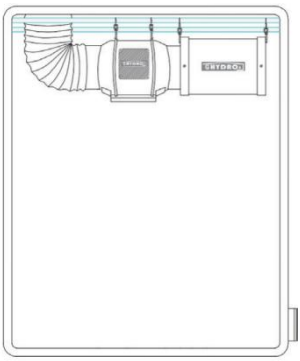
2. Install the inline fan with straps, ducting and clamps to your preferred configuration.

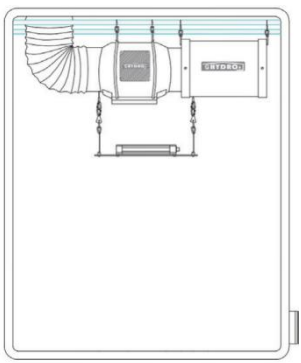


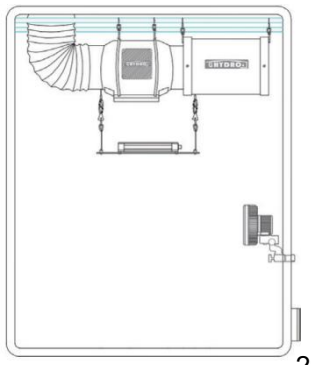
3. You may connect and hang the carbon filter with hook. use duct Tape to seal any gaps in the ducting.

4. Hang the grow light using rope hangers by the tent support . clip the two carabiners onto your grow tent's roof support beams.

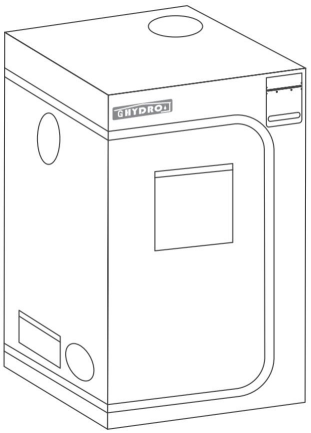
5. Clamp the clip fan onto the tent frame.

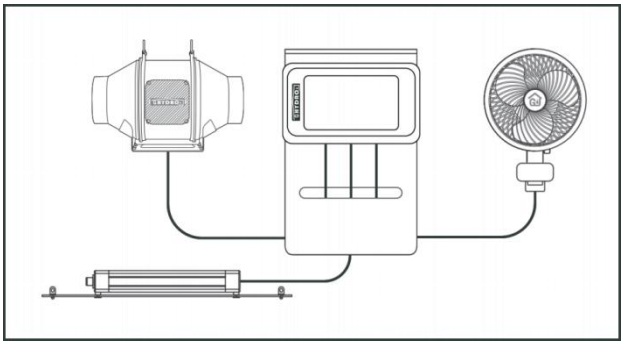






6. Mount the controller onto the controller plate.plug the probe into the probe port. plug the Inline fan's controller cable into port 1, the grow light's controller cable into Port 2, and the clip fan's controller cable into port 3. plug the second clip fan's controller cable into port 4.





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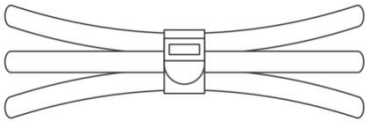
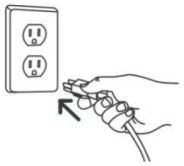
7. Use the hook and loop ties to manage the wires.



8. Plug all the electronic devices into available AC outlets.



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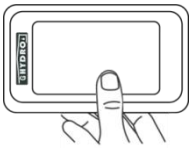
9. Controllers nables you to connect a single central controller with several grow devices simultaneously. By creating this fully integrated system, you can power and program all your devices together or separately for optimized grow tent management.

Our grow system can be regulated using your controller hub or remotely on the Green Hydro app (paired with compatible controllers), where you will have access to automation programming and climate data



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10. Add potting mix and plant seeds into the fabric pot (BOXH), and set it inside of the grow tent to finish the build.

Clip-Fan

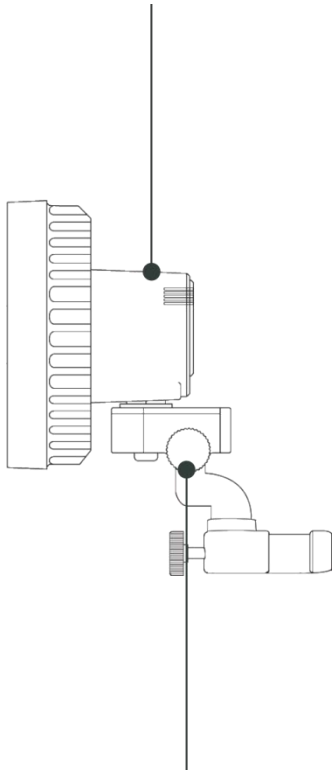
Button And Operation Of The Fan Clamp

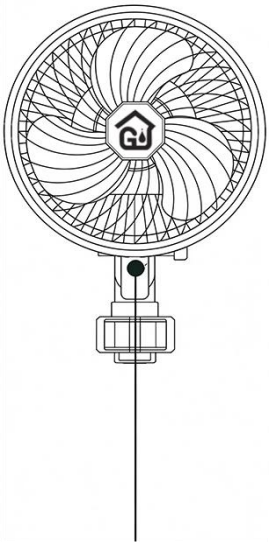
ADVANCED 35MM MOTOR

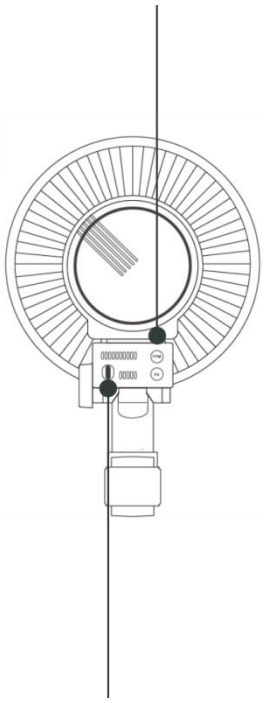
Re-engineered heavy-duty motor delivers precision oscillation quietly and efficiently with twice the lifespan of other clip fans

ADJUSTABLE RANGE

Flexible fan Tilt the left and right, Average score of 90 degrees from left 45 degrees to right 45 degrees to expand the scope of circulation and easily reach your desired height.







ADJUSTABLE RANGE

Flexible fan head tilts up 30° and downwards 40°to expand the scope of circulation and easily reach your desired height.

IP44 PROTECTION

Clip fan is specially sealed to Ingress Protection 44 standards, rated for a higher resistance to liquids and dust.

Compatible with the controller

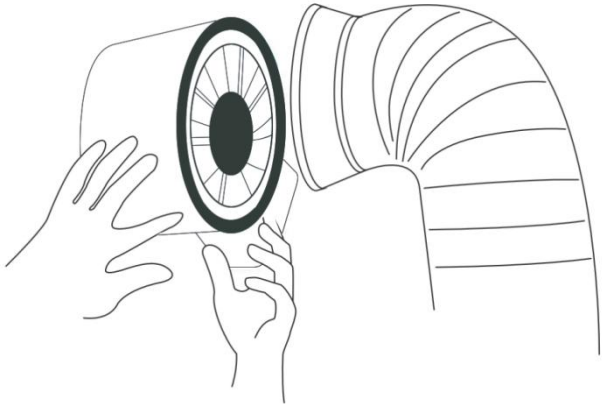
Clip fan is specially sealed to Ingress Protection 44 standards, rated for a higher resistance to liquids and dust.

Ventilation Fan

Cleaning

STEP 1

Remove the motor box from the mounting flange.

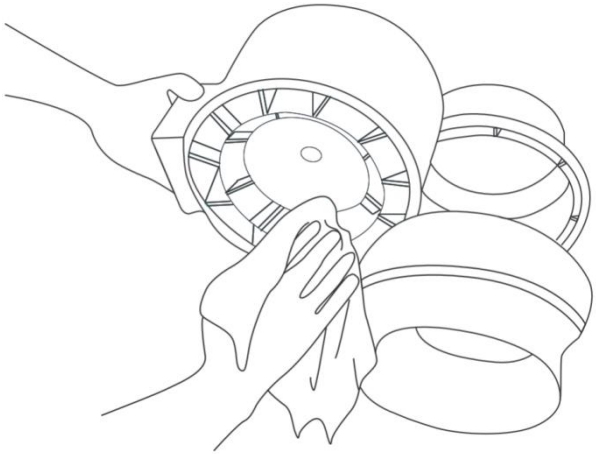


STEP 2

Use a damp cloth to clear the impeller and fan blades of any dust and debris. remove the wind circle in between the motor box and input flange.

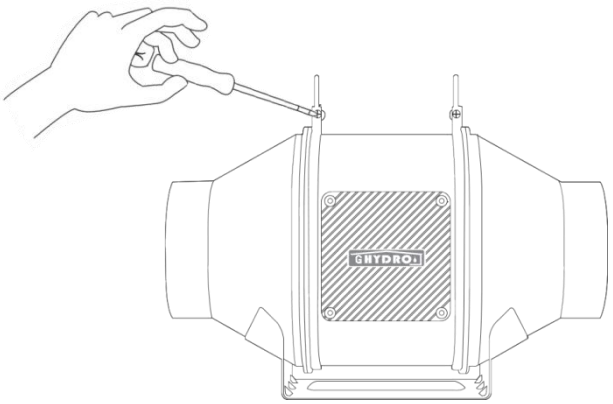
STEP 3

Clear the stator blades of any dust and debris on the opposite end.
Clean the area inside the output and exhaust flanges.



STEP 4

Secure the motor box onto the mounting flanges.



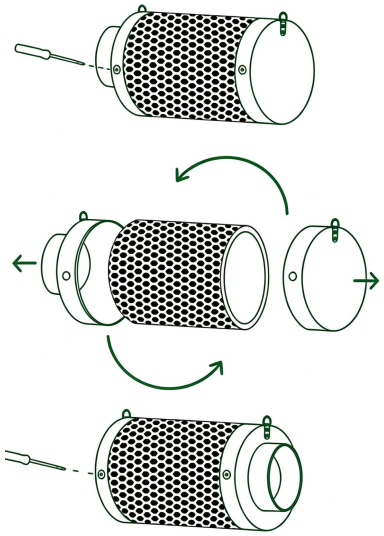
Activated Carbon Filter

Interchangeable Flange End Caps

REVERSING THE FLANGES

To extend your filter's lifespan and utilize its entire carbon bed, remove the flanges from either end, swap them to the other ends, and twist them back into place.

Lay the filter horizontally when reversing the flanges. Ensure the stopper is in place to keep the carbon from spilling out.



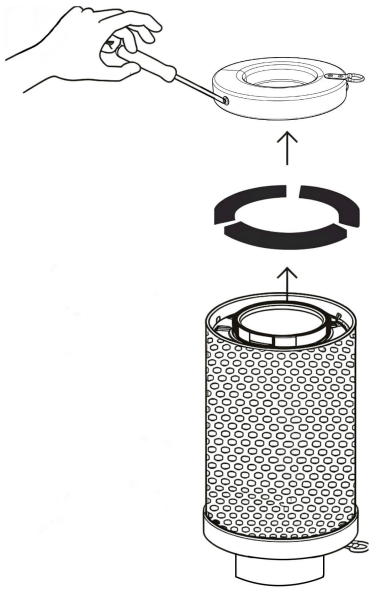
Product Care

Replaceable Carbon

Operating Steps

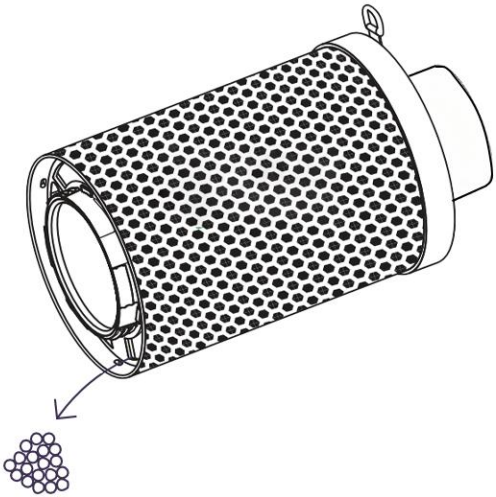
STEP 1

Rotate the port flange from your filter, then remove the filter cotton from the interior.



STEP 2

Dispose of the used carbon.



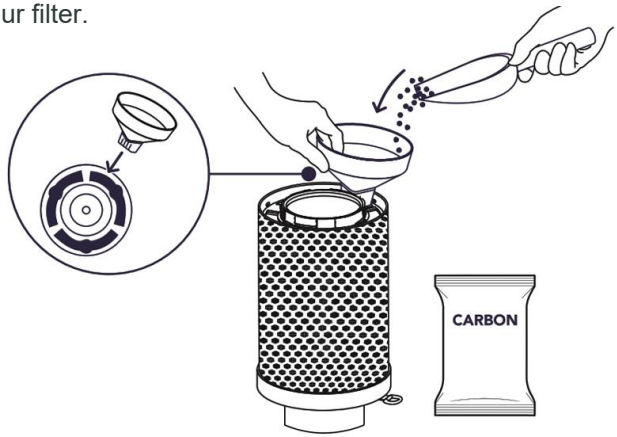
** Used carbon can be composted.*

STEP 3

Place and direct the funnel into one of the openings and scoop the carbon refill into your filter.

Make sure to evenly distribute and firmly pack the activated carbon as you refill your filter.

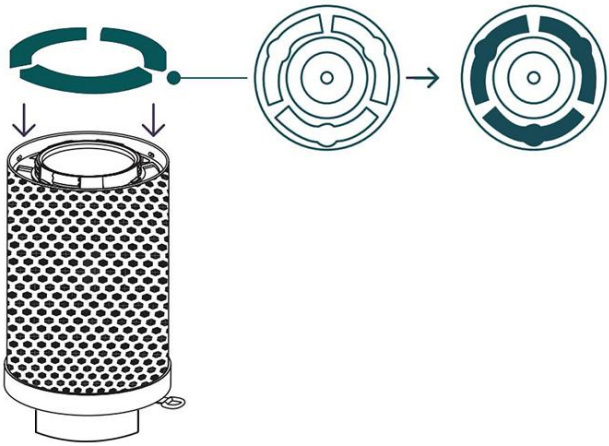
Do not fill past the filter cotton.



** Kindly be informed:we do not provide filter carbon and funnels, please prepare them beforehand*

STEP 4

Set the filter cotton into place, making sure to ensure that the filtered carbon does not leak out.



STEP 5

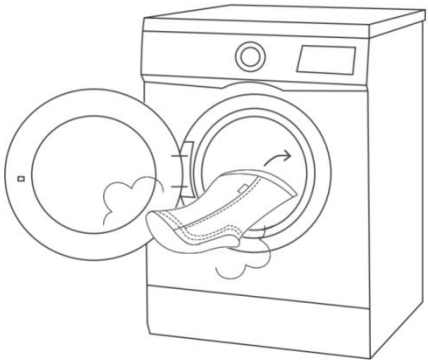
Twist the flange back onto your filter.

Carbon Filter Cotton Sleeve

Clean

WASHING THE PREFILTER

Wash the reusable cloth as needed to clea
of any dust and build-up. This will further e
the lifespan of your filter.

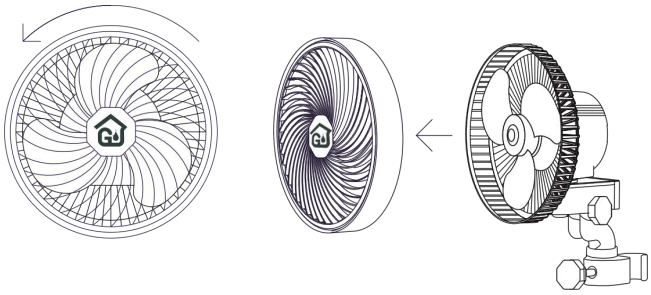


Clip-Fan

Daily Care

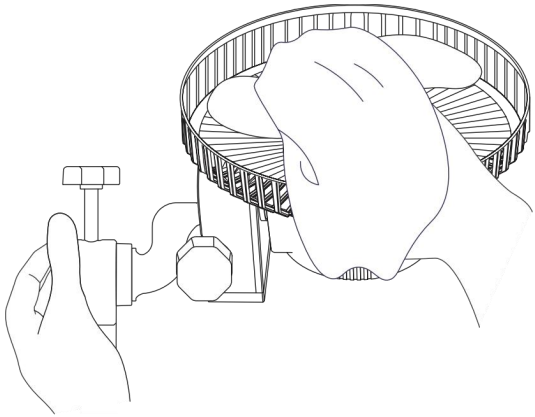
STEP 1

Twist the grille counter-clockwise and pull to remove it.



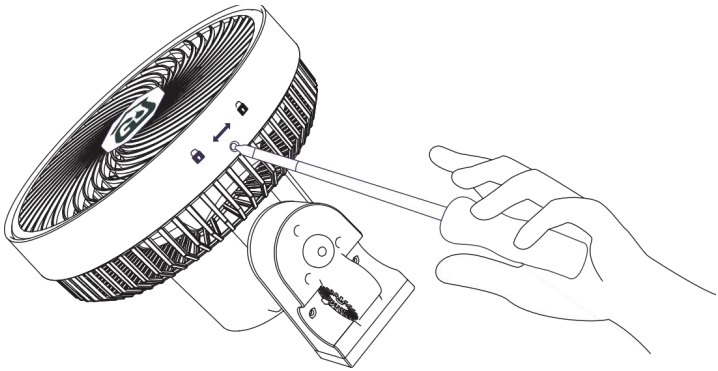
STEP 2

Wipe off any dust and debris from the grille and fan blades using a damp cloth. Set aside to dry as needed.



STEP 3

Realign the grille over your clip fan, twist clockwise, then screw the grille back on to lock it in place.



App & Device Pairing Instructions

Link App

Tuya Smater

**** Software Compatibility***

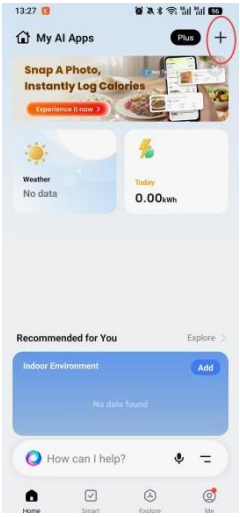
iOS:11.0 or later/Android:7.0 (Nougat) or higher

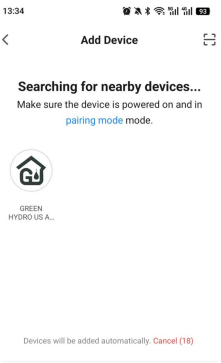
Step 1:

Search for "**TUYA**" in the Google Play Store or Apple App Store and download it.

Step 2:

Tap "RESET" on the controller screen.



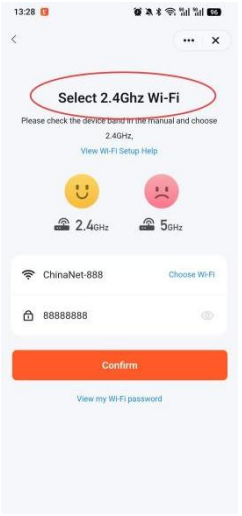


Step 3:

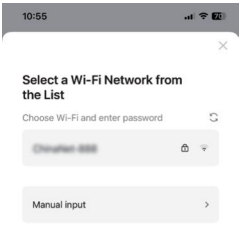
Turn the “+” icon in the top-right corner to add a device.

Step 4:

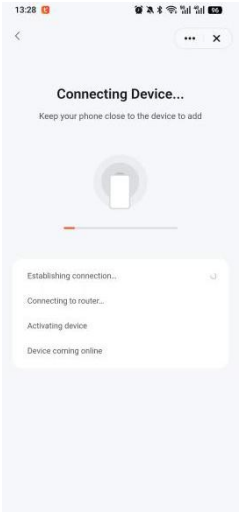
Select the discovered **GreenHydro** device from the list.Tap “Add” to connect the device.



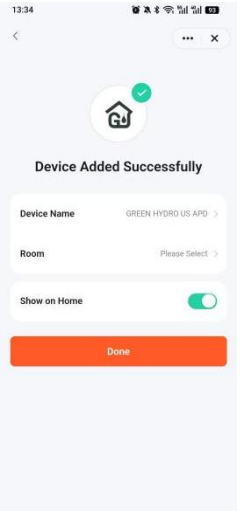
Step 5:
Select 2.4G HZ Wi-Fi.



Step 6:
Enter your exact WiFi network password.



Step 7:
Wait for connection.Keep your phone close while the device connects.



Step 8:
Setup complete tap “DONE” to add it to your homepage.

Step 9:
The device is now added to your homepage. (Long-press to delete if needed).

Interface Operations

Home Page

①:Real-time Current Status Display.

②:Automatic Mode.

③:Manual Mode.

④:Operation Log.

⑤:Auto Modes.

⑥:Manual Mode.

Over View

①:Tap the Overview tab or navigation button to enter this screen.

②:Core Monitoring Data Displays:Leaf Temperature,Greenhouse Temperature ,Soil Moisture, Humidity ,CO2 Conc ,Water Level ,VPD and ODOR .

③:Tap the Temp .unit (°C/°F)to switch the display unit.

①:Tap the Auto Mode tab to enter.

②:Use the +/- buttons to set Target Temp.and Humidity.

③:Tap the Temp. unit (°C/°F) to switch the display unit

④:Set a timer for Light Channel 1: Standard / Sunrise &Sunset(See next item for details) as follows

⑤:Set a timer for Pump as follows

⑥:Once pressed, the device will automatically sync with the timer settings previously configured in Manual Mode.

*Please finalize your temperature unit selection before setting up Auto Mode.

Switching units after configuration may introduce temperature control deviations.

Example 1:
With a target temperature of 20°C and target humidity of 60%RH, the high temperature and high humidity triggers activate when the actual temperature reaches 25°C and the actual humidity reaches 70%RH. The fan and dehumidifier will then operate.

Example 2:
With a target temperature of 20°C and target humidity of 60%RH, the low temperature and low humidity triggers activate when actual temperature drops to15°C and actual humidity drops to 50%RH. The heater and humidifier will then operate.

Daytime period: 06:00 - 18:00 local time
Nighttime period: 18:00 - 06:00 local time (next day)

Timer

①:Toggle the device ON/OFF.

②:Tap ">" next to Set on/off time, gear, and repeat days.

③:Toggle the device ON/OFF.

④:Tap ">" next to Set the duration, start and end brightness

⑤:Toggle the device ON/OFF.

⑥:Tap ">" next to set the duration, start and end brightness level, and repetition days for sunset.

*The Standard Timer and Sunrise & Sunset Timers cannot run simultaneously.

Sunrise & Sunset Timer

①:Set the start time of the dimming cycle.

②:Set the duration of the gradual brightness transition.

③:Set the dimming level at the start of the cycle

④:Set the dimming level at the end of the cycle.

⑤:Select the days of the week for the timer to repeat.

⑥:Verify all parameters and click "SAVE"to confirm your settings.

*①:Both sunrise & sunset timers must be enabled to form a full cycle.Activating only one will result inconstant lighting or lights turning off.

*②:Sunrise:Start Brightness < End Brightness
Sunset: Start Brightness > End Brightness
Incorrect settings will disable the cycle.

Manual Mode

①:Tap the Manual button to enter.

②:Toggle the device ON/OFF.

③:Tap ">" next to any device for Device setup instructions below.

Light Second Sheets

①:Adjust brightness for Channel 1/2:0-10.

②:Set the timing for Channel 1 Standard / Sunrise & Sunset(See next item for details)

③:Set the timing for Channel 2(You need to set at least one ON command and one OFF command; multiple ON/OFF cycles are also supported).

④:After setting up the Grow Light, return to the Manual inter face to configure other parameters.

*(The 120W/240W requires UV control on the lamp body, which cannot be turned on or off through channel 2)

Timer

①:Toggle the device ON/OFF.

②:Tap ">" next to Set on/off time, gear, and repeat days

③:Toggle the device ON/OFF.

④:Tap ">" next to Set the duration, start and end brightness

⑤:Toggle the device ON/OFF.

⑥:Tap ">" next to Set the duration, start and end brightness level, and repetition days of the sunset

*The Standard Timer and Sunrise & Sunset Timers cannot run simultaneously.

Sunrise & Sunset Timer

①:Set the start time of the dimming cycle.

②:Set the duration of the gradual brightness transition.

③:Set the dimming level at the start of the cycle

④:Set the dimming level at the end of the cycle.

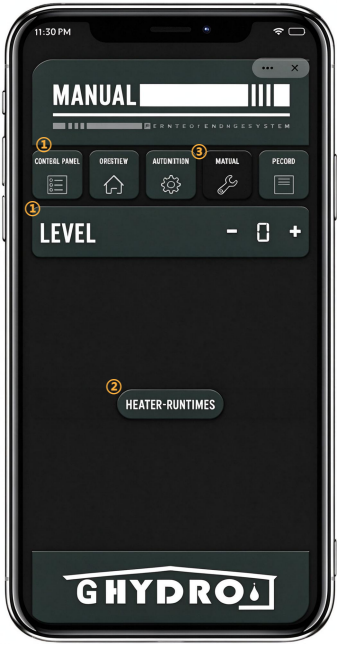
⑤:Select the days of the week for the timer to repeat.

⑥:Verify all parameters and click "SAVE"to confirm your settings

*①:Both sunrise & sunset timers must be enabled to form a full cycle; single activation will cause constant lighting Or turn off the lighting.

*②:Sunrise:Start Brightness < End Brightness
Sunset: Start Brightness > End Brightness Incorrect settings will disable the cycle.

Duct fan Second Sheets



①:Adjust speed:0-10.

②:Set a timer (You need to set at least one ON Command and one OFF command; multiple ON/OFF cycles are also supported)

③:After setting up the Duct fan, return to the Manual interface to configure other parameters

Clip-Fan Second Sheets

①:Adjust speed:0-9.

②:Oscillation level: 0-5.

③:Toggle Natural mode ON/OFF.

④:Set a timer (You need to set at least one ON Command and one OFF command; multiple ON/OFF cycles are also supported).

⑤:After setting up the Clip Fan, return to the Manual inter face to configure other parameters.

*The natural wind mode will override the Clip Fan speed setting Turning it off can restore the speed

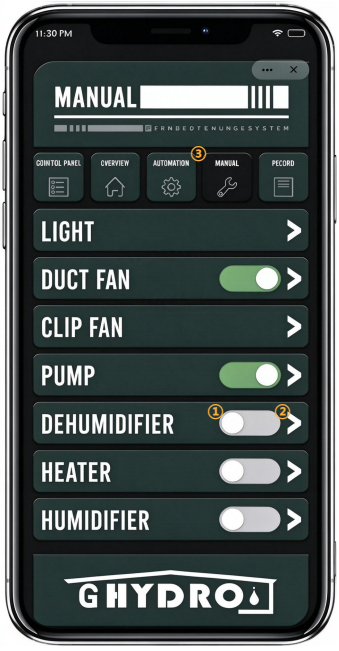
Pump Second Sheets

①:Toggle the device ON/OFF.

②:Set a timer (You need to set at least one ON Command and one OFF command; multiple ON/OFF cycles are also supported)

③:After setting up the Pump, return to the Manual interface to configure other parameters

Dehumidifier Second Sheets

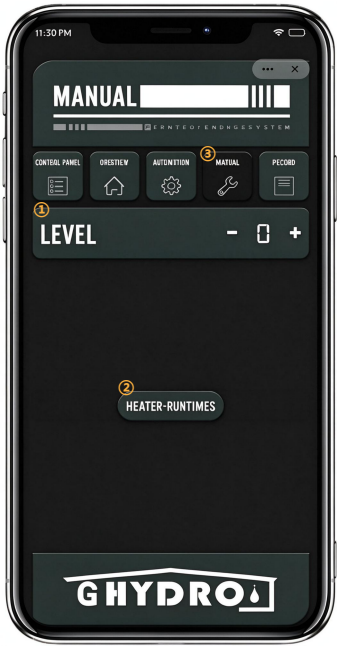


①:Toggle the device ON/OFF.

②:Set a timer (You need to set at least one ON Command and one OFF command; multiple ON/OFF cycles are also supported)

③:After setting up the Dehumidifier, return to the Manual interface to configure other parameters

Heater Second Sheets

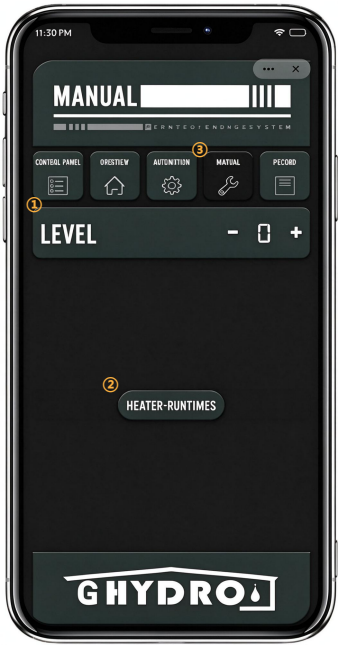


①:Adjust speed:0-10.

②:Set a timer (You need to set at least one ON Command and one OFF command; multiple ON/OFF cycles are also supported).

③:After setting up the Heater, return to the Manual inter face to configure other parameters

Humidifier Second Sheets



①:Adjust speed:0-10.

②:Set a timer (You need to set at least one ON Command and one OFF command; multiple ON/OFF cycles are also supported).

③:After setting up the Humidifier, return to the Manual inter face to configure other parameters

①:Tap the Record tab to view a history of all APP operations.

②:It includes mode changes, parameter adjustments, and device control actions, which is useful for reviewing activity and troubleshooting.

Operation Detailed Instructions

Overview Function Settings

① Core Monitoring Data: Displays: Leaf Temperature,House Temperature,Soil Moisture, Humidity,Water Level,CO2 Conc,VPD,and ODOR

② Top right: Buttons for the Main Interface:Auto Mode, Manual Mode, Reset, and Time.

③ Bottom: Toggle between Auto and Manual modes

④ Tap the Temp. unit (°C/°F) to switch the display unit.

⑤ Reset button: ①:First-time APP pairing: Press the top-right reset button on the controller screen.

② Press the reset button again to reset the network if the APP fails to detect the controller

Auto Mode Function Settings

① Tap the top-right Auto button to enter.

② Use the +/- buttons to set Target Temp. And Humidity.

③ Set a timer for Light Channel 1: Standard /Sunrise & Sunset(See next item for details as follows)

④ Set a timer for the Pump as follows.

⑤ Once pressed, the device will automatically sync the timer settings you have previously set in Manual Mode.

⑥ Tap "SAVE" to apply the settings.

*Please finalize your temperature unit selection before setting up Auto Mode.Switching units after configuration may introduce temperature control deviations.

*Operation Examples:

Example 1:

With a target temperature of 20°C and target humidity of 60%RH, the high temperature and high humidity triggers activate when actual temperature reaches 25°C and actual humidity reaches 70%RH. The fan and dehumidifier will then operate.

Example 2:

With a target temperature of 20°C and target humidity of 60%RH, the low temperature and low humidity triggers activate when actual temperature drops to 15°C and actual humidity drops to 50%RH. The heater and humidifier will then operate

Daytime period: 06:00 - 18:00 local time

Nighttime period: 18:00 - 06:00 local time (next day)

Timer Menu Function Settings

① Toggle the device ON/OFF.

② Tap ">" next to Set on/off time, gear, and repeat days.

③ Toggle the device ON/OFF.

④ Tap ">" next to Set the duration, start, end brightness level, and repetition days of sunrise

⑤ Toggle the device ON/OFF.

⑥ Tap ">" next to Set the duration, start, end brightness level, and repetition days of the sunset

⑦ Set the parameters and click the "SAVE" button.

⑧ After completing the operation,Return to the AUTO interface to set other parameters.

*The Standard Timer and Sunrise & Sunset Timers cannot run simultaneously.Enabling one will automatically turn off the other.

Sunrise & Sunset Timer Function Settings

①:Set the start time of the dimming cycle.

②:Set the duration of the gradual brightness transition.

③:Set the dimming level at the start of the cycle

④:Set the dimming level at the end of the cycle.

⑤:Select the days of the week for the timer to repeat.

⑥:Set the parameters and click the “SAVE” button.

⑦:After completing the operation,Return to the AUTO interface to set other parameters.

*①:Both sunrise & sunset timers must be enabled to form a full cycle; single activation will cause constant lighting Or turn off the lighting.

*②:Sunrise:Start Brightness < End Brightness Sunset: Start Brightness > End Brightness Incorrect settings will disable the cycle.

Manual Mode Function Settings

①:Tap the top-right Manual button to enter.

②:Toggle the device ON/OFF.

③:Tap “>” next to any device to view the corresponding setup instructions below.

Grow Light Function Settings

①: Adjust brightness for Channel 1/2:0-10.

②:Set the timing for Channel 1 Standard / Sunrise & Sunset(See next item for details)

③:Set the timing for Channel 2(You need to set at least one ON command and one OFF command; multiple ON/OFF cycles are also supported.See next item for details)

④:Set the parameters and click the “SAVE” button.

⑤:After setting up the Grow Light,return to the Manual interface to set other parameters.

*(The 120W/240W requires UV control on the lamp body, which cannot be turned on or off through channel 2)

Timer Menu Function Settings

①:Toggle the device ON/OFF.

②:Tap ">" next to Set on/off time, gear, and repeat days.

③:Toggle the device ON/OFF.

④:Tap ">" next to Set the duration, start, end brightness level, and repetition days of sunrise

⑤:Toggle the device ON/OFF.

⑥:Tap ">" next to Set the duration, start, end brightness level, and repetition days of the sunset

⑦:Set the parameters and click the "SAVE" button.

⑧:After completing the operation,Return to the Manual interface to set other parameters.

*The Standard Timer and Sunrise & Sunset Timers cannot run simultaneously.Enabling one will automatically turn off the other.

Sunrise & Sunset Timer Function Settings

①:Set the start time of the dimming cycle.

②:Set the duration of the gradual brightness transition.

③:Set the dimming level at the start of the cycle

④:Set the dimming level at the end of the cycle.

⑤:Select the days of the week for the timer to repeat.

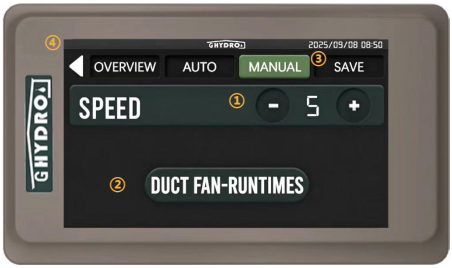
⑥:Set the parameters and click the “SAVE” button.

⑦:After completing the operation,Return to the Manual interface to set other parameters.

*①:Both sunrise & sunset timers must be enabled to form a full cycle; single activation will cause constant lighting Or turn off the lighting.

*②:Sunrise:Start Brightness < End Brightness Sunset: Start Brightness > End Brightness Incorrect settings will disable the cycle.

Duct fan Function Settings



①:Adjust speed:0-10

②:Set a timer (ON/OFF time, repeat days).

③:Set the parameters and click the “SAVE” button.

④:After setting up the Duct fan,return to the Manual interface to set other parameters.

Clip Fan Function Settings

①:Adjust speed:0-9.

②:Oscillation level: 0-5.

③:Toggle Natural mode ON/OFF.

④:Set a timer (ON/OFF time, repeat days).

⑤:Set the parameters and click the “SAVE” button.

⑥:After completing the operation,Return to the Manual interface to set other parameters.

*The natural wind mode will override the Clip Fan speed setting. Turning it off can restore the speed

Pump & Dehumidifier Function Settings

①:Toggle the device ON/OFF.

②:Set a timer (ON/OFF time, repeat days).

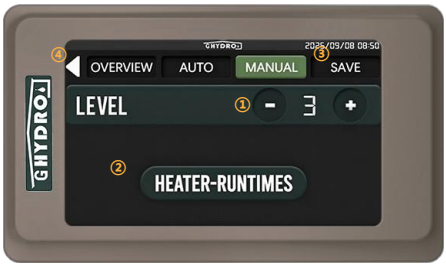
③:Set the parameters and click the “SAVE” button.

①:Toggle the device ON/OFF.

②:Set a timer (ON/OFF time, repeat days).

③:Set the parameters and click the “SAVE” button.

Light&Clip Fan Function Settings



① Adjust speed:0-10

② Set a timer (ON/OFF time ,repeat days).

③ Set the parameters and click the“SAVE”button .

④ After setting up the Heater,return to the Manual interface to set other parameters.

① Adjust speed:0-10

②Set a timer (ON/OFF time ,repeat days).

③ Set the parameters and click the“SAVE”button .

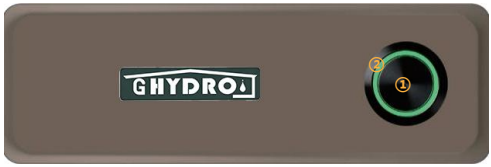
④:After setting up the Humidifier,return to the Manual interface to set other parameters.

Timer Function Settings

The controller will resume normal local operation only after you exit Auto Mode and delete all configured device timers and Sunrise &Sunset timers from the APP .

Signal Receiver

Operation Guide



STEP 1:Connect Device & Receiver

Ensure The Device Is Securely Plugged Into The Signal Receiver.

STEP 2:Initiate Connection

Press The Circular Button(①). A Red Light Indicates Connection In Progress （②） .

STEP 3:Connection Complete

A Green Light Confirms Success. Control The Device Via The Companion App.

（ For the grow light device, you need to adjust it to any gear first before you can achieve normal control through the APP.)

A greater number of new products will be launched successively.

GREEN HYDRO

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For after-sales support,scan the QR code below.
We will respond as soon as possible.Thank vou for your trust.