

VIVOSUN



USER MANUAL

Love
what
you
grow™

Welcome to **VIVOSUN**

Thank you for choosing VIVOSUN. We are committed to product quality and friendly customer service. If you have any questions or suggestions, please don't hesitate to contact us.

Product	Model	SKU
GROWHUB SMART CONTROLLER E42A	GrowHub E42A	GH-E42A

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SAFETY INFORMATION



Please read the following instructions carefully before using this device. Failure to observe these safety instructions may result in serious injury and will release VIVOSUN of all liability and void all product warranties.

1. Make sure your AC power source conforms to the electrical requirements of the device.
2. Check and comply with your local law and restrictions for additional safety requirements for the installation and operation of the device.
3. Follow the instructions for each smart device and connect the appropriate device to the controller with the appropriate cable.
4. DO NOT connect devices that are not explicitly compatible. Please contact our customer service about compatible devices and connection methods for this controller.
5. DO NOT use any grow devices or this controller outside or in any hazardous locations such as spaces with flammable materials, explosive materials, corrosive chemicals, or in wet environments. These devices are designed to operate indoors in an indoor grow tent.
6. DO NOT cover power cables with rugs or other fabric.
7. Turning off your devices via the controller may not cut off the power entirely. Unplug and shut off all devices before installing, performing maintenance or moving the devices.
8. Please read and follow the instructions for each device and how to connect it to the controller. Failure to follow the instructions for each of the controlled device may damage them and will void warranty.
9. If your device or power cord is damaged, stop using it and contact us immediately. Do not disassemble or modify the devices without VIVOSUN's direction may cause damage to the device and will void the warranty.

KEY FEATURES

COMPLETE HUB

Monitor and control all devices like lights and fans; no need for multiple controllers.

SIMPLE TO USE

Simple, touch button interface specially designed for growers of all levels.

WI-FI & APP CONTROL

Wi-Fi enabled with VIVOSUN App; monitor and control remotely.

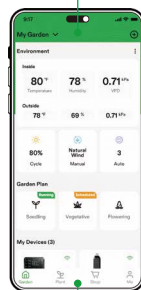


EASY INSTALLATION

Creative magnetic mounting for easy installation anywhere.

DUAL SENSORS

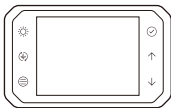
Dual temperature and Relative Humidity (RH) sensors monitor both inside and outside of your grow environment and displays VPD.



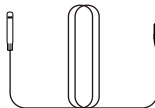
SMART & PROFESSIONAL

Smart auto-mode and professional grow recipe settings take plants from seed to harvest with minimal user input needed.

PRODUCT CONTENTS



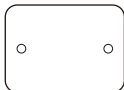
Smart Controller
x 1pc



Temperature/ Humidity Sensor
(3m)



Expansion Screws
x 2pcs



Iron Plate
x 1pc



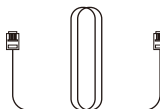
Cable Tie
x 3pcs



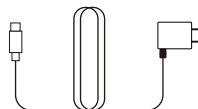
Wire Tie
x 1pc



Converter
(Type C to MOLEX&AUX)*
x 1pc



RJ11 Cable*
(3m)



12V Adaptor*
x 1pc

* Components only included with GH-E42A individual pack.

SMART GROW SYSTEM

The VIVOSUN Smart Grow System is a fully automatic grow system empowering growers by making growing easier and more convenient. The system includes the VIVOSUN GrowHub Controller, the VIVOSUN App, the AeroLight, the VS Grow Light series, the AeroZesh, the AeroWave E6 circulation fan, and a number of forthcoming smart devices. The Vivosun SGS provides automatic equipment and climate control, remote monitoring, personalized recipes, all with an intuitive UI, that helps everyone grow what they love.

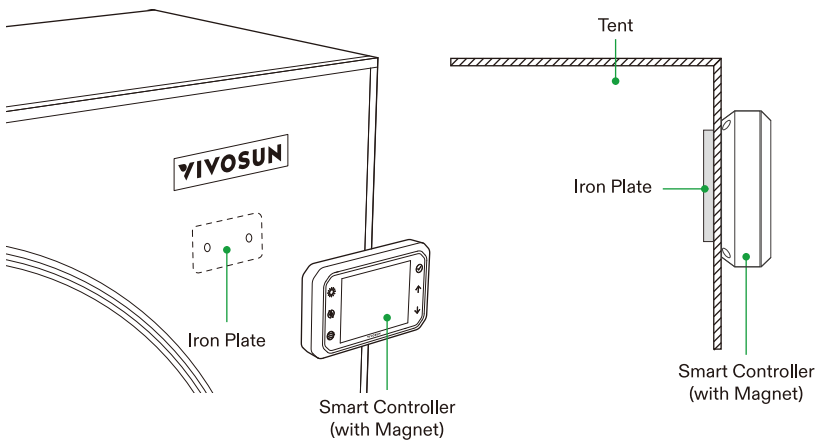


INSTALLATION & CONNECTION

INSTALLATION METHOD #1

1. Tent Mount

Remove the tape cover from the iron plate and paste the plate on the **INSIDE** surface of your tent where you want the controller located. Then you can place the Smart Controller on the **OUTSIDE** surface of your tent where it will attach to the iron plate via a built-in magnet on its back.



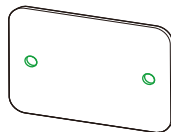
INSTALLATION & CONNECTION

INSTALLATION METHOD #2

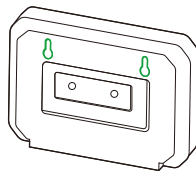
2. Wall Mount

This installation method requires drilling holes where you plan to mount the GrowHub Controller. First measure the distance between the holes on the iron plate and mark the distance on the mounting surface. Next, use a drill to create the necessary holes and push the plastic expansion pipes in. Then line the iron plate's holes with those holes, and screw it into place using the expansion screws. Now the Controller can be placed directly onto the iron plate thanks to its built-in magnet!

You can also hang your GrowHub Controller directly on the screws without using the iron plate. First, measure a center distance of **74mm** and drill an expansion screw on each point. Next, hang the GrowHub Controller directly on the screws by sliding the **slotted hanging holes** over the screws and then allowing the GrowHub Controller to hang down.



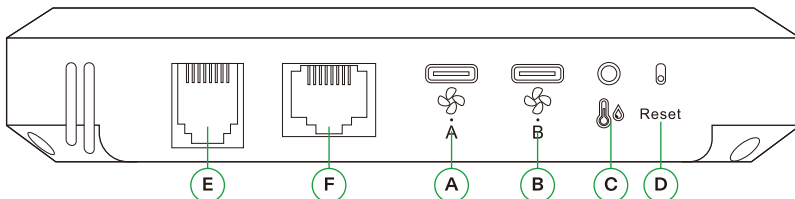
Mounting Hole



Slotted Hanging Holes

INSTALLATION & CONNECTION

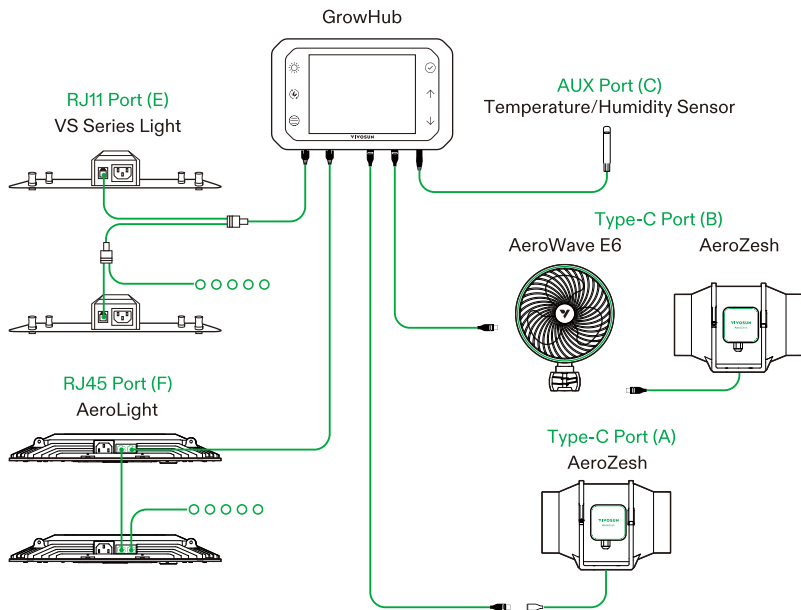
CONNECTION



A / B	<p>Type-C interface (A & B): AeroZesh/AeroWave E6/12V Adaptor/Type-C to MOLEX&AUX</p> <p>Note: Use the 12V Adaptor in this product to drive the controller when only a VS series light is connected or no device is connected. Use the Type-C to MOLEX & AUX converter to connect other VS Duct Fans with AUX connector or other fans with MOLEX connector. GrowHub E42A may support duct fans of other brands with Type C connection on port A/B without adaptor. Please visit our website and check the compatibility list of brands and models supported by GrowHub E42A.</p>
C	2.5mm AUX interface: Temperature/Humidity Sensor
D	Reset
E	<p>RJ11 Network interface: VS series grow lights (VS1000/1500/2000/3000/4000)</p> <p>Note: For a VS series light, the dimming knob must be switched to "EXT" before it can be controlled by the GrowHub. GrowHub E42A may support LED lights of other brands on Port E connected with included RJ11 cable. Please visit our website and check the compatibility list of brands and models supported by GrowHub E42A.</p>
F	RJ45 Network interface: AeroLight

INSTALLATION & CONNECTION

SYSTEM CONNECTION



CONTROL INTERFACE

Grow Light Button

Press the Grow Light Button to control/switch between the different modes: manual, cycling, and different grow light spectrums.

Circulation Fan Button

Press the button to control/switch between manual and cycle modes. Long press the button to enter clip-on fan mode.

Duct Fan Button

Press the Duct Fan Button to control/switch between the different modes: manual, cycling, and auto.



Confirm Button

Press the Confirm Button to confirm settings for various device (temperature/humidity sensors, time, etc.). Long press to decouple from automatic App recipe control.

Up Button

Press the Up Button to increase value of current setting (light intensity, fan speed, time, etc.). Long press to switch between °F and °C.

Down Button

Press the Down Button to decrease value of current setting (light intensity, fan speed, time, etc.). Long press to quickly shutdown all devices.

CONTROL INTERFACE

1. GREEN BARS

Light dimming level or fan speed level, 0-100%.

4. RECIPE LOCK

Indicates system is being controlled by the VIVOSUN App's "Recipe Mode" and that local controls are locked.

7. NATURAL BREEZE

A special mode of air circulation with auto fan speed changes.

8. TIME

Displays current time (automatically sets when the device connects to Wi-Fi) or start time (cycle mode setting).

9. MANUAL MODE

Adjusts manually for lights and fans. Turn on, off, or adjust dimming level or speed of devices.

2. SPECTRUM

Displays the current light spectrum: Seedling 🌱, Veg 🌿 or Flower 🌸.

5. OFF IN/ON IN XX:XX

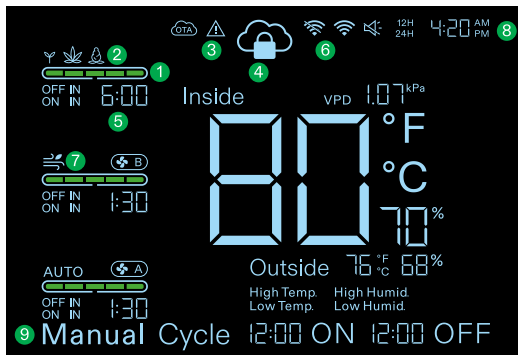
Time count down from current status. Format: HH:MM.

3. ALERT ICON

Indicates a system abnormality such as temp./humidity higher than the current settings.

6. WI-FI ICON

Indicates Wi-Fi connection and signal strength. 📶 displays if device is offline.



CONTROL INTERFACE

10. AUTO MODE

Smart auto control mode for duct fan, based on environmental temp. & RH.

11. CYCLE MODE

Setup on/off time for light and fans. Format HH:MM.

12. TEMPERATURE & HUMIDITY

Displays temperature and RH inside and outside your grow environment as measured by the dual sensors.

13. INDEPENDENT PORT CONTROL

Displays when device on the port B is under circulation fan mode. Long press (⊕) to enter device options.

14. AUTO MODE TRIGGER SET

Set high/low temp. and humidity levels in the duct fan's auto mode. Certain icon flashes when monitoring values are higher or lower the setting levels.

15. VPD

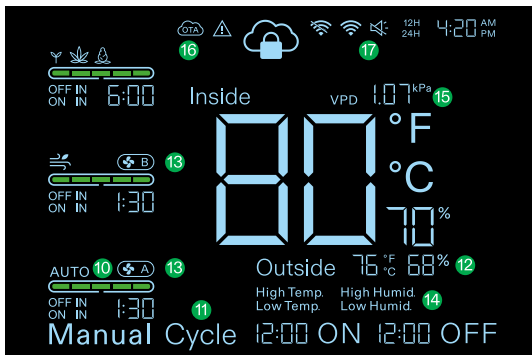
Displays VPD value of your grow environment.

16. OTA









Flashes when firmware is under an "over-the-air" update.

17. MUTE

Displays when the key tone is set to mute.



OPERATION

	Main Screen		Device Screen	
				
Buttons	Press	Long Press	Press	Long Press
	Grow Light Device Screen	Spectrum Selection	Switch Between Manual/Cycling Modes	Spectrum Selection
	Circulation Fan Device Screen	Port B independent control (Clip-on Fan)	Switch Between Manual/Cycling Modes	Port B independent control (Clip-on Fan)
	Duct Fan Device Screen		Switch Between Manual /Cycling/Auto Modes	
		Exit Recipe Mode; Calibration Setting Screen	Confirm & Return to Main Screen	
		Switch Temp °C and °F Display	Increase Light Intensity/Fan Speed/Temp./Humidity Setting Levels	
		One Click Stop	Decrease Light Intensity/Fan Speed/Temp./Humidity Setting Levels	

OPERATION

A. FIRST TIME SET UP

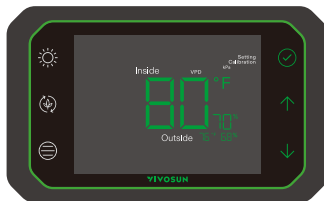
First, connect the VIVOSUN GrowHub Controller to a **running** VIVOSUN AeroLight, an AeroZesh duct fan, an AeroWave E6 or an adaptor to turn on the Controller. The Controller is powered by electricity provided by one of these devices. You will now need to set up the clock first by pressing the $\uparrow\downarrow$ and \checkmark to confirm. The time display area will flash on the screen every time the controller is powered on to indicate the current time setup.

The clock will automatically adjust to the current time when it connects to your Wi-Fi. Press any button to wake up the screen or press the confirm button \checkmark to return to the main screen.

1. Calibrating Humidity and Temperature

Long press \checkmark for 3 seconds to enter the calibration setting. Press \checkmark to skip and choose from inside temperature and humidity to outside temperature and humidity settings. Press $\uparrow\downarrow$ and \checkmark to adjust and confirm calibrated values.

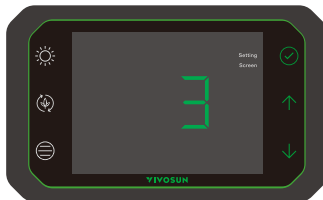
Note: Inside temperature/humidity calibration will be skipped if the Temperature/Humidity sensor is not plugged in.



OPERATION

2. Adjusting Screen Brightness

Long press ✓ for 3 seconds to enter calibration mode. Press ✓ to skip through the menu and choose the "screen brightness" setting. Press ↑ ↓ and ✓ to adjust and confirm appropriate brightness level.



3. Setting the Key Tone

Long press ✓ for 3 seconds to enter the calibration mode. Press ✓ to skip through the menu and choose the "keytone" setting. Press ↑ ↓ and ✓ to turn on or off the keytone. 📞 will display if the keytone is off.



OPERATION

4. Calibrating the Time

Long press ✓ for 3 seconds to enter the calibration setting. Press ✓ to skip through the menu and choose the "time" setting. Press ↑↓ to select the 12-hour (12H) or 24-hour (24H) format, then change hour and minute. Press ✓ to confirm. Note: Time will automatically update when connected to Wi-Fi and manual calibration can be skipped.



5. Switching Between Temperature Units (°F/°C)

Long press ↑ for 3 seconds to switch between °C and °F.



OPERATION

B. LIGHT CONTROL ☀️

Press any button to wake up the screen or press the confirm button (✓) to return to the main screen. Then press the ☀️ to enter light control.

1. Spectrum Tuning

Default is Veg spectrum 🌱. Long press ☀️ for 3 seconds to activate spectrum selection. Press ↑↓ and (✓) to change and confirm between Seedling 🌱, Veg 🌱 and Flower 🌸.

Note: The spectrum tuning function only supports the VIVOSUN AeroLight at this time.



2. Light Dimming

Press ↑ and ↓ to dim the light. Includes 5 levels, from 0 to 100%, indicated by the green bar. You can dim the light during ON/OFF cycling mode or in manual mode.



OPERATION

3. ON/OFF Cycling Mode for Lights

Press the ☀ button to enter the ON/OFF cycling mode; the ON time will flash at the bottom. Press ↑ ↓ to adjust the ON time, and the OFF time will be calculated automatically on a 24-hour cycle. Press ✓ to confirm and jump to the Start time setting. Next, press ✓ to start the ON/OFF cycle. "OFF IN XX:XX" or, "ON IN XX:XXX" will be displayed corresponding to which cycle you are currently in.

Note: In the ON/OFF cycling mode, the dimming level cannot be set to 0 (OFF).





4. Manual Mode

Press ☀ to switch between manual mode and ON/OFF cycling mode.



OPERATION

C. CIRCULATION FAN CONTROLS


Press any button to wake up the screen, or press the confirm  button to return to the main screen. Next, press  to enter the circulation fan control screen. In this mode, the circulation fan on the Aerolight and AeroWave E6 clip-on fan can be controlled.

1. Fan Speed and Natural Breeze

Press $\uparrow \downarrow$ to adjust the fan speed from 0 (OFF) to max (100%). The green bar will indicate the current speed level. Press \uparrow after reaching max to switch to Natural Breeze mode, which automatically changes fan speed from min. to max. You can adjust the fan speed during ON/OFF cycling mode or manual mode.







2. Manual mode

Press  to switch between manual mode and ON/OFF cycling mode.

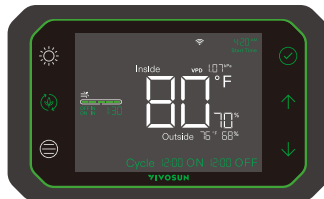


OPERATION



3. ON/OFF Cycling Mode for Circulation Fans

Press  to enter the ON/OFF cycling mode, and the ON time will flash at the bottom. Press  to adjust the ON time and the OFF time. Press  to confirm and jump to the Start time setting. Then press  to start the ON/OFF cycle and "OFF IN XX:XX" or "ON IN XX:XX" will display.

Note: The ON/OFF cycles restart every 24 hours beginning at the same time of each day you choose in the Start time setting. One cycle is up to 24 hours. The fan speed level cannot be set to 0 (OFF) in the ON/OFF cycling mode.



4. Clip-on Fan Control (AeroWave E6)

Long press  to switch port B to the circulation fan control and the  will display. Follow the instruction above to set the fan speed, manual mode and ON/OFF cycle mode.

Note: The AeroWave E6 can only be controlled when it is connected to Port B of the controller. Please see more information on the AeroWave E6 user manual.



OPERATION

D. DUCT FAN CONTROL ☹

Press any button to wake up the screen, or press the confirm ✓ button to return to the main screen. Next, press ☹ to enter the duct fan control screen.

1. Fan Speed Adjustment

Press ↑ ↓ to adjust the fan speed from 0 (OFF) to max (100%). The green bar will indicate the current speed level. You can adjust the fan speed during ON/OFF cycling mode or manual mode.



2. Manual Mode

Press ☹ to switch between manual mode, ON/OFF cycling mode, and auto mode.



OPERATION

3. ON/OFF Cycling Mode for Duct Fans

Press the ☹ button to enter the ON/OFF cycling mode; the ON time will flash at the bottom. Press ↑ ↓ to adjust the ON time and the OFF time. Press ✓ to confirm and jump to the Start time setting. Next, press ✓ to start the ON/OFF cycle. "OFF IN XX:XX" or, "ON IN XX:XXX" will be displayed corresponding to which cycle you are currently in.

Note: The ON/OFF cycles restart every 24 hours beginning at the same time of each day you choose in the Start time setting. One cycle is up to 24 hours. The fan speed level cannot be set to 0 (OFF) in the ON/OFF cycling mode.



4. Auto Mode

Press ☹ to enter auto mode ("AUTO" will display). The "High Temp." will display and the inside temp. will flash. Press ↑ ↓ and ✓ to set the high temp. Then the "Low Temp." will flash. Press ↑ ↓ and ✓ to set the low temp. Repeat and set the high and low humidity when "High Humid." and "Low Humid." flash.

Note: To disable one or more trigger settings, press ↑ or ↓ until the number change to "OF" then press ✓ to confirm.




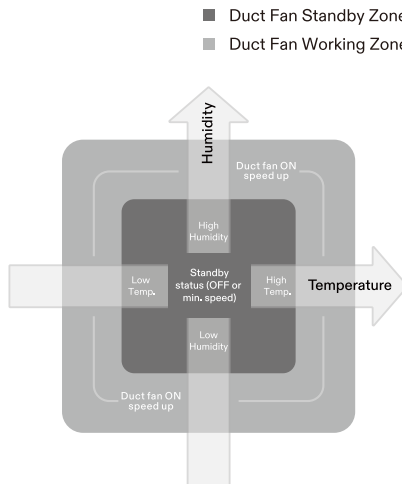
OPERATION

Auto Mode - Working Logic

Settings for the thresholds between the duct fan standby zone and working zone can be changed via GrowHub controller or the VIVOSUN App. You can also set the duct fan operation mode during the standby status in the VIVOSUN App and you can choose to keep it OFF or run it at a minimum speed level. When the temperature or humidity reaches a certain threshold the duct fan will turn ON or will increase speed level. The further past the threshold the environment goes, the higher the fan speed will be.

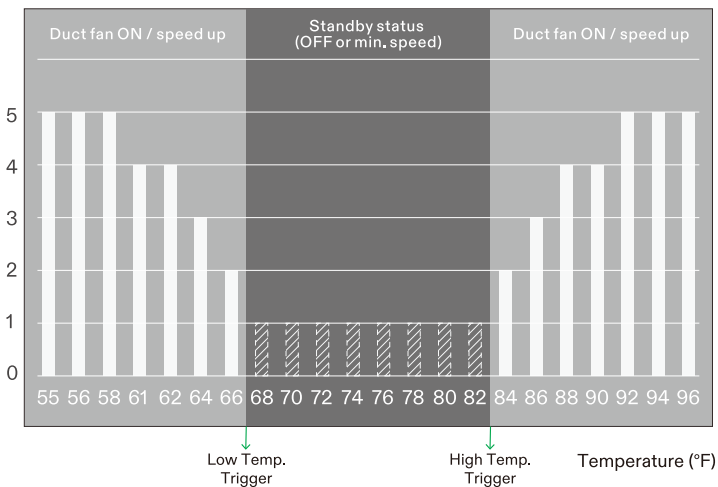
Inside temperature or humidity will flash if the temp. and/or humidity is higher or lower than the setting levels.

The alarm icon  will flash if the inside temperature or humidity is out of the setting range and if the duct fan keeps in working mode for more than 1 hour.



OPERATION

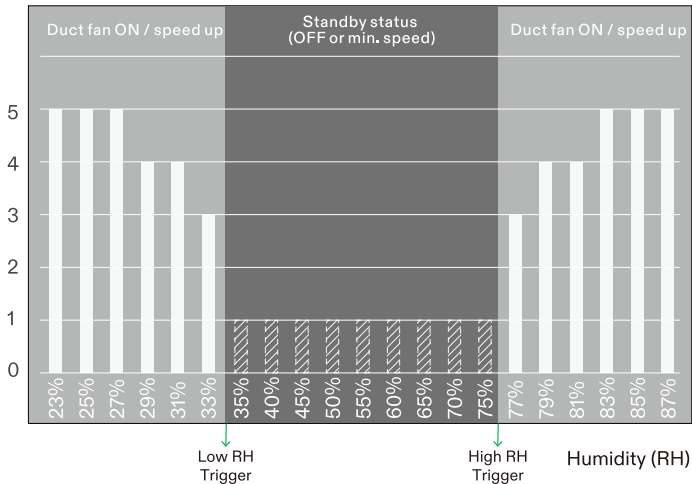
Auto Mode - Temperature (example)



Above is an example of the duct fan running condition at the auto mode settings (High Temp.=82°F, Low Temp.=68°F) responding to the inside temperature change. When the inside temperature reaches a certain threshold, the duct fan will turn on or increase speed level, and the further a threshold is exceeded, the higher fan speed level will be.

OPERATION

Auto Mode - Humidity (example)



Above is an example of the duct fan running condition at the auto mode settings (High Humid.=75%, Low Humid.=35%) responding to the inside humidity change. When the inside humidity reaches a certain threshold, the duct fan will turn on or increase speed level, and the further a threshold is exceeded, the higher fan speed level will be.

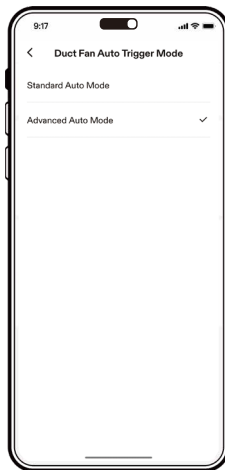
OPERATION

5. Advanced Auto Mode

Use the VIVOSUN App to switch to the duct fan to the advanced auto mode, in which the temperature and humidity outside your grow space will also be adopted to the control of the duct fan and you can setup the Min and Max temperature and humidity. If the outside temperature or humidity is worse than the inside, the duct fan will not increase speed even if the temperature or humidity inside your grow space is out of the setting range. Meanwhile, the alarm icon will flash to notify that the outside environment is inappropriate.


Please download the VIVOSUN App to learn more.


You can switch to advanced auto mode in the VIVOSUN App: Settings>Additional Settings>Duct Fan Auto Trigger Mode.



OPERATION

E. RECIPE MODE



When the VIVOSUN App Recipe Mode is running,  will display and all local controls are locked to ensure the grow recipe is not interrupted.

To unlock the controller, long press  for 3 seconds in the main screen.

Note: When you unlock the device it will automatically end any Grow Recipes currently running.



F. ONE CLICK STOP

Light up the screen (press any button) and enter the main screen (press  if in the device screen). Then long press  for 3 seconds to stop all devices (light, circulation fan and duct fan).

Note: Using the "One Click Stop" function WILL NOT cut off the power of each device.

VIVOSUN APP

Search "VIVOSUN" in the Apple App Store or in the Google Play Store to download the VIVOSUN App. With the VIVOSUN App, you can check and control your GrowHub from anywhere in the world—whether you are on your couch, visiting your family, or traveling abroad.

1. Check the temperature, humidity, VPD and status of all your grow devices controlled by your GrowHub in real time.
2. Remote control the devices with manual or cycling mode, or with temperature and humidity triggers.

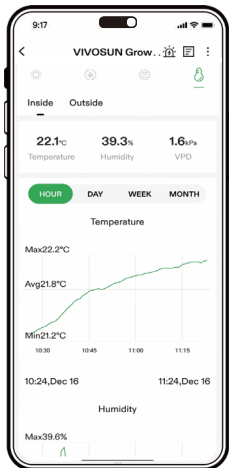
What Else Is In The VIVOSUN App?

1. Grow Recipes: Enables you to set your lights, circulation fans, and duct fans based on different growth stages. The recipes provided in the VIVOSUN App are created by professional growers. All you have to do is click "apply" and the your VIVOSUN setup with take care of the rest.

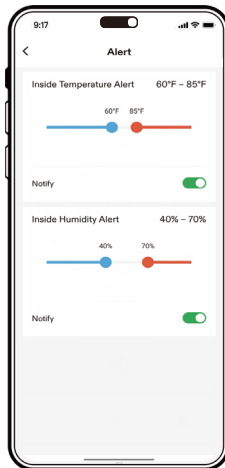


VIVOSUN APP

2. All temperature, humidity, and VPD data for your tents and all devices running logs will be tracked by the VIVOSUN App which allows you to have a whole picture of what is happening in your tent.

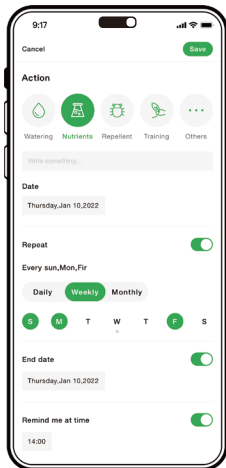


3. Get alerts via notifications to your phone when temperature and humidity levels in your grow space go beyond the ranges you set.

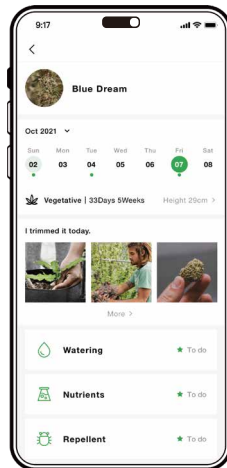


VIVOSUN APP

4. Reminders can be set to help you manage your scheduled waterings, feedings, and other activities for your plants.



5. The Grow Diary allows you to create notes with photos, record environmental data, and log devices during your plants' growth, as well as share your experiences with others easily.

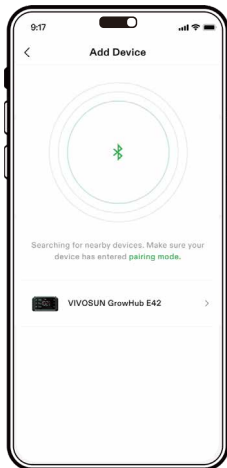


VIVOSUN APP

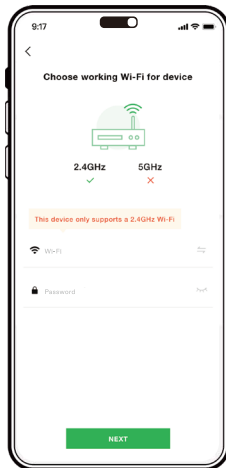
CONNECT YOUR VIVOSUN GROWHUB CONTROLLER TO THE VIVOSUN APP.

Note: Make sure there is a 2.4G Wi-Fi connection and enable bluetooth on your phone.

Step 1:



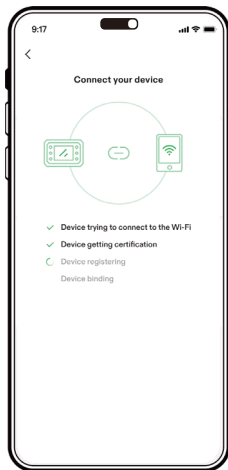
Step 2:



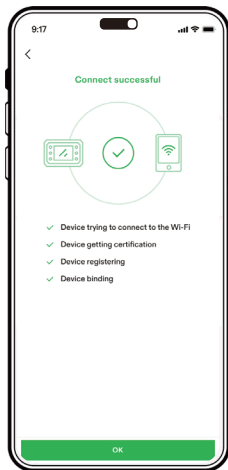
VIVOSUN APP

CONNECT YOUR VIVOSUN GROWHUB CONTROLLER TO THE VIVOSUN APP, CONTINUE.....

Step 3:



Step 4:



FAQS

Q: Can I use the GrowHub controller without connecting to Wi-Fi or the VIVOSUN App?

A: Yes, you can use your GrowHub controller offline or without the VIVOSUN App to control basic functions for LED lights, circulation fans and duct fans. However, after connecting your GrowHub to Wi-Fi, you can use the VIVOSUN App to visit your grow environment data remotely in real-time and to access more functions such as grow plan, historical data, and more detailed functions.

Q: How many components can I hook up to one controller?

A: For one GrowHub controller (E42/E42A), you can hook up **12** AeroLights (with RJ45 Daisy-Chain), **8** VS series lights (with RJ11 Daisy-Chain), **2** duct fans or clip-on fans (AeroZesh or others with Type-C), and **1** Temperature/Humidity sensor.

Note: Some models of the VS series LED lights may support fewer daisy-chained lights.

Mixing different models of VS series lights may lead to support of fewer daisy-chained lights.

Q: Can I connect more than one of the same type of equipment to my GrowHub?

(E.g., can I have two fans connected to two different outlets?)

A: Yes. The App allows for more than one of the same piece of equipment (e.g., lamps, fans, lights) to be assigned to more than one outlet—usually, two outlets.

FAQS

Q: How does the controller get power?

A: The VIVOSUN GrowHub Controller receives its power from an an Aerolight, an AeroZesh, and/or an AeroWave E6 through the control cable (RJ45 or Type-C). No additional power cable is needed. However, if you connect a GrowHub Controller to a VS series light (VS1000, VS2000, VS4000, etc.) or other compatible lights or duct fans without an AeroLight or an AeroZesh as well, an adaptor is needed to power the GrowHub Controller.

Q: What other components can I use with the GrowHub?

A: The GrowHub controller can support lights with RJ11 or RJ45 ports, and duct fans with Type-C ports. However not all devices (lights or fans) with those ports can be controlled with the GrowHub with complete functions, and certain devices may require an additional adaptor for the GrowHub. We suggest using VIVOSUN devices to connect to the GrowHub for complete functions and best experience. Please contact us for more information about third-party device support.

Q: Why can't my VS1000 light be controlled by the GrowHub after connecting?

A: Please ensure your VS1000 or other VS series lights connect to the RJ11 port on the GrowHub controller with a standard RJ11 cable and switch the dimming knob to "EXT" on your VS light. If you connect multiple VS lights by daisy-chain, all the lights must be switched to "EXT".

FAQS

Q: What kind of Wi-Fi router do I need? Is the VIVOSUN GrowHub compatible with 5GHz Wi-Fi networks?

A: The VIVOSUN GrowHub will connect to **2.4GHz Wi-Fi networks only**. Most routers enable Wi-Fi networks for both 2.4GHz and 5GHz networks under the same name but with “2.4GHz” or “5GHz”, you need to choose the 2.4GHz Wi-Fi signal for the GrowHub during the pairing process.

Q: My GrowHub Controller does not connect to Wi-Fi when I pair it with my App, what should I do?

A: First, ensure the Wi-Fi network is 2.4GHz. The VIVOSUN GrowHub will connect to **2.4GHz Wi-Fi networks** only. Next, please check whether the Wi-Fi network password is filled in correctly. If you still cannot finish the pairing process, please message our support email and provide the login email you use for the VIVOSUN App, so we can provide a tailored solution for you.

Q: What happens if my GrowHub Controller is offline?

A: If your GrowHub Controller is offline (i.e., no Wi-Fi connection or you do not have internet access), the controller will still operate using the last programmed settings or Grow Recipe. You can still operate the GrowHub directly on the Controller but you will not be able to control or read live data through the VIVOSUN App. The VIVOSUN GrowHub will connect to the internet automatically when your Wi-Fi connection is again available.

FAQS

Q: What happens if there is a power outage? Do I need to reconfigure the Controller?

A: If your GrowHub Controller was connected to Wi-Fi and the VIVOSUN App before the power outage it will automatically reconnect to your Wi-Fi and continue executing your settings as if it had never lost power. If your GrowHub was not connected to Wi-Fi and the VIVOSUN App before the power outage, the time on the controller will need to be calibrated first, and the controller will run the previous settings automatically.

Q: Can I reset the VIVOSUN GrowHub for troubleshooting?

A: Yes, use a pin to press and hold the reset button on the controller (see page 7) for a few seconds until you hear a long continuous beep sound, then release it and the controller will be reset to the factory setting. All the settings including the Wi-Fi configuration will be cleaned.

Q: Can I reconfigure the Wi-Fi connection of the controller?

A: Yes. First, use a pin to press the reset button on the controller (see page 7). Then, reconfigure the Wi-Fi connection through the VIVOSUN App (see page 30-31).

Q: Why is the data shown on my App dashboard different from the data shown on the GrowHub's screen?

A: The live data will update every minute. You can also slide the page down to refresh the data.

FAQS

Q: Can I temporarily override the settings while running a recipe?

A: Yes. You can temporarily override the recipe by changing to manual mode on the App or GrowHub controller. To override on the App, you need to stop the current recipe (Plan mode) before you change to the manual mode. To override recipe mode on the GrowHub, you need to unlock the recipe mode first.

Q: Does the app work with iPhone or Android devices? Tablets?

A: The VIVOSUN App can work on both iPhone and Android devices including Tablets. You can download the App in the Apple Store for IOS (iPhone or iPad) or Google Play for Android devices.

Q: Will the app alert me if there is an issue?

A: Yes. The VIVOSUN App will send notifications to your phone when devices have issues or environmental conditions are out of set ranges.

Q: Can I use the App if I am outside of the United States?

A: Yes. The VIVOSUN App can connect to your GrowHub controller from the cloud, which means you can use the App to visit and control your devices globally wherever Internet is accessible.

FAQS

Q: How old is the data I can access in the VIVOSUN APP?

A: VIVOSUN App will display historical data up to one-year-old.

Q: Is the VIVOSUN App free? Is there any subscription fee for the App?

A: The VIVOSUN App is free to download and use. Everyone can use the VIVOSUN App without restriction.

Q: Are you planning on adding new features? If so, can I benefit from them?

A: To make sure our customers love what they grow, our team is constantly improving the product based on our customers' feedback (please check our community forum). All our customers benefit from those improvements via free app updates or OTA (Over-The-Air) firmware updates. All free of charge.

When we release new features, we will make sure to communicate to our entire community, so don't worry, you won't miss them.

Q: How do I get technical assistance?

A: If you have any issues or questions, please contact our support email which can be found on our Amazon listing (Important information section), the VIVOSUN App, or on our website, and please include the email you use to log into VIVOSUN App. Also you can contact us directly via Amazon. You can check our knowledge base and our forum on our website.

FCC ID STATEMENT

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

WARRANTY INFORMATION

WARRANTY TERMS

1. We offer a 2-year warranty against manufacturing defects for all our products beginning from the date of purchase. If you need warranty assistance, please contact us as soon as possible.
2. The warranty does not cover damage due to high moisture levels, water damage, power surges, improper hanging/mounting, improper use, dust build-up, or users' unauthorized modifications.
3. In the USA, if any product ceases working within 30 days of use, you can choose:
(A) Exchange: We will email you a pre-paid return label. Please ship the product back to our USA warranty center and a replacement will be sent to you free of charge as soon as we receive the defective product.
(B) Refund: We will email you a pre-paid return label. Please ship the product to our USA warranty center and we will issue a refund as soon as the product has been received. Refund periods may depend on the processing time of your bank or institution—usually, a refund takes about 5 business days to be processed.
4. Our company reserves all rights to the final explanation of this warranty structure. If you have any questions about our warranty policy, please contact us.

IC STATEMENT

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- 1) This device may not cause interference.
- 2) This device must accept any interference, including interference that may cause undesired operation of the device.

The distance between user and device should be no less than 20cm.

Designed by **VIVOSUN** in California.
Made in China