OCR
OPTIMUM CLIMATE ROOM

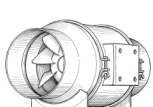
OCR Genesis Master Controller™

"Command Your Climate"

All-in-One Grow System

A fully integrated setup that makes growing more efficient and effortless

Clip Fan

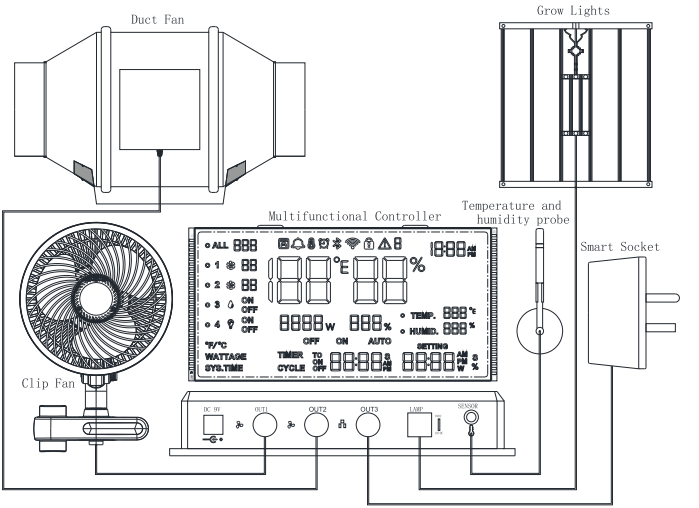


Duct Fan

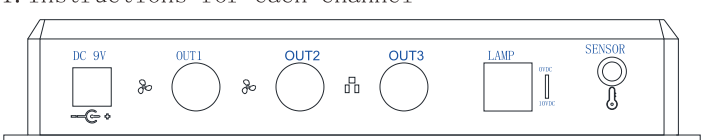
Grow Lights

info@ocr-climaterooms.com

Multifunctional Controller Description

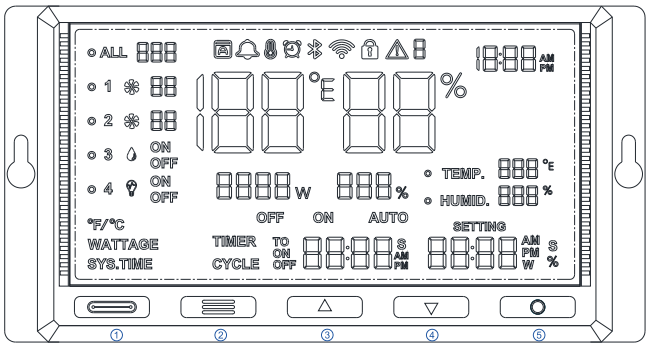


1. Instructions for each channel



- DC:Power source 9V~24V DC (Duct fan,clip fan and socket providepower to the controller).
- OUT1:Duct fan control channel.
- OUT2:Clip fan control channel.
- OUT3:Socket output channel.
- LAMP:0-10V Output channel.
- SENSOR:Temperature and humidity sensor channel.

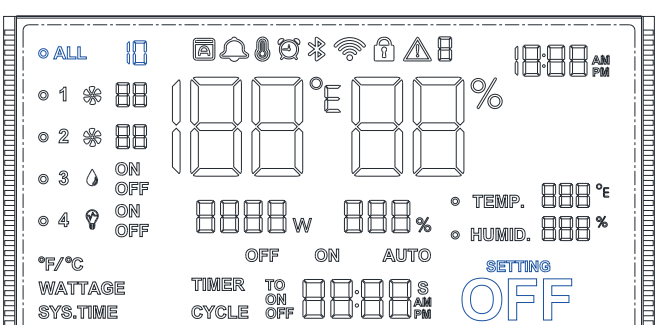
2. Button Instructions



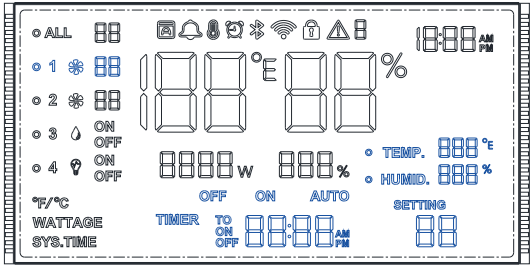
1: The first button can select and switch to control of 4 channels.
2: The second button is the function menu.
3: The 3rd and 4th buttons to set parameters to increase and decrease.
4: The fifth button to set parameters.

1. To convert degrees Celsius and Fahrenheit;
2. LED light input power range is 100W~1500W;
3. Set current time.

3. Describes the functions of each channel



ALL Channel: In this mode, all channels can control both□ON□and□OFF□functions (□ON□is full power operation).
Separate channels 1, 2, 3 and 4 can be set separately.



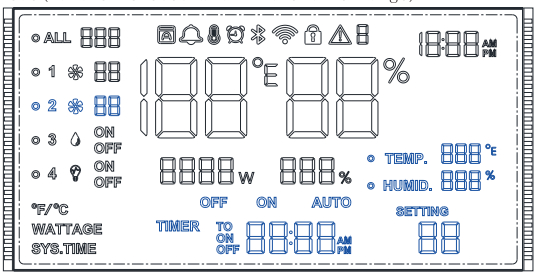
1. Channel Duct Fan Function: (Time priority)

1.1:□OFF□ mode(means□OFF□)

1.2:□ON□mode(shifted 0 to 10 speed levels);

1.3:AUTO mode (During the operating period, when the ambient temperatureand humidity are lower than the set temperature and humidity, the system runs inthe □ON□ mode, When the ambient temperature and humidity are higher or equalthan the set temperature and humidity, the system runs at 10 speed levels.)Set temperature range:(32F-194F/0℃-90℃);Set humidity range: 0%-100% can be adjusted.

1.4:TMER mode(Runs or closes within the time range)



2. Channel Clip Fan Function

2.1:□OFF□mode(means□OFF□);

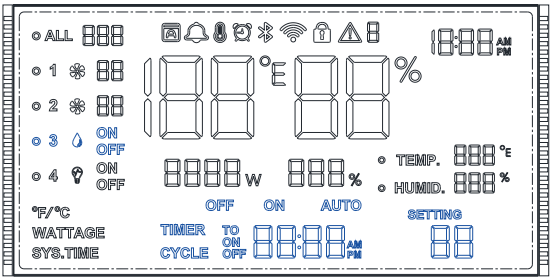
2.2:□ON□ mode(shifted 0 to 10 speed levels);

2.3:AUTO mode (During the operating period, when the ambient. tempera..and humidity are lower than the set temperature and humidity, the system runs in the "ON" mode; When the ambient temperature and humidity are higher or equal than the ste temperature and humidity,the system runs at 10 speed levels.)

Set temperature range:(32F-194F/0℃-90℃);

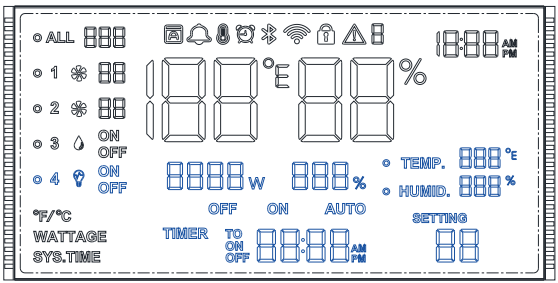
Set humidity range: 0%-100% can be adjusted.

2.4: TlMER mode (Runs or closes within the time range)



3.Channel Socket Function:(Time priority)

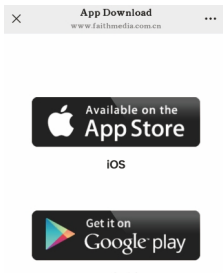
3.1:□OFF□mode(means□OFF□);
3.2:□ON" mode(means □ON□);
3.3: AUTO mode
3.4:TIMER(Runs or closes within the time range)
3.5: CYCLE mode (Set an □ON" time and an □OFF" time to run repeatedly)



4.Channel 0-10V Output:(Time priority)

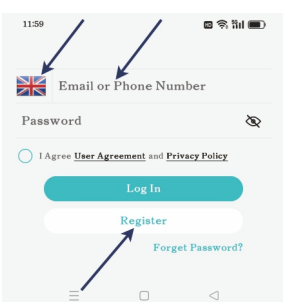
4.1:□OFF" mode(means □OFF□)
4.2:□ON" mode:SETTING(10%~100%) Power adjusted: 200W~1500W.
4.3:TIMER mode: Runs or closes within the time range
4.4:AUTO mode: Can set temperature
(Temperature range:32F-194F, 0℃-90℃℃)
When the sensor temperature is higher than the set ambient temperature of10F (5℃), the LED light power is halved; When the sensor temperature is higher than 20F(10℃), the LED light power is turned off; When the temperature rise returns to 10'F (5℃) after shutdown, the LED light power is restored to half; When the sensor temperature is lower than the set temperature, the LED light power is restored to the current set value.

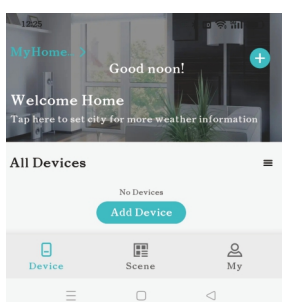
APP Controller Instruction Manual

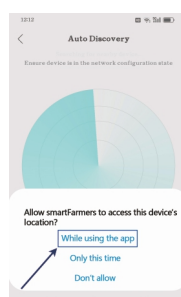


1. Scan the QR code, open it with browser.

2. Click and download this APP from APP store.



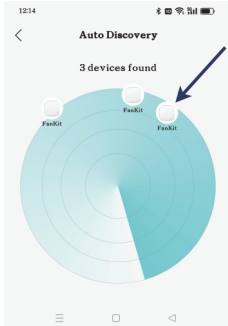




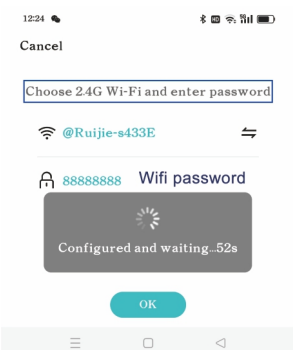
3. Choose your country and enter phone number, get code, set password, then click "Register" Enter your phone number and password to log in.

4. Click the "Fan Controller" to add your smart device.

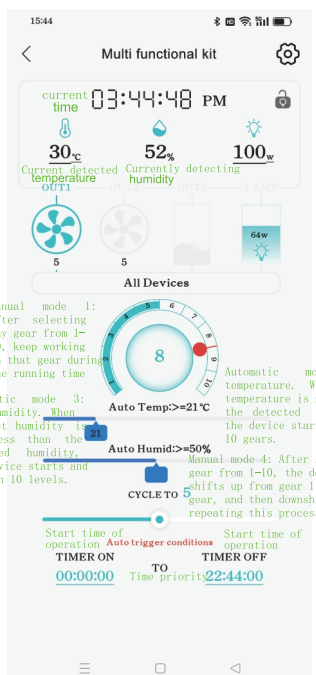
5. Please allow the permission, otherwise device can not be found.



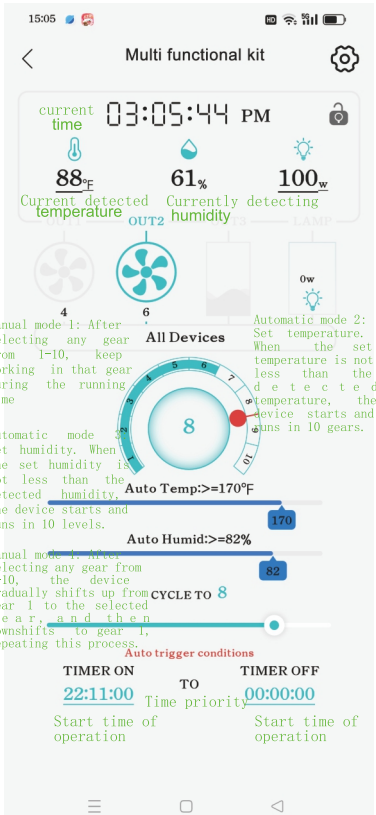
6. If Bluetooth is disable, please enable it.



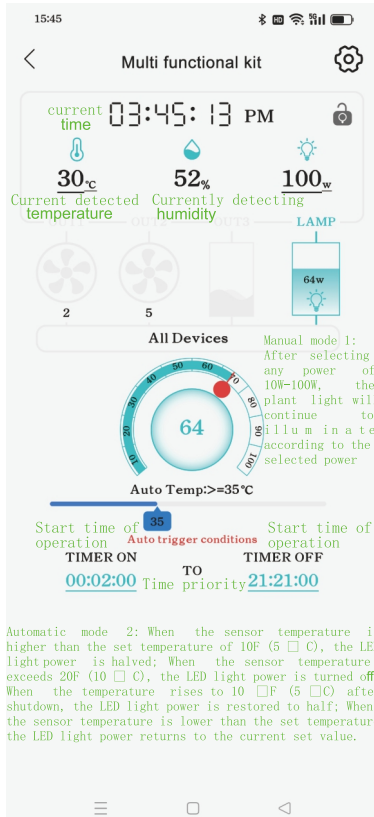
7. Choose 2.4G Wifi and enter your wi fipassword to begin matching. Only 2.4G WIFI is available.



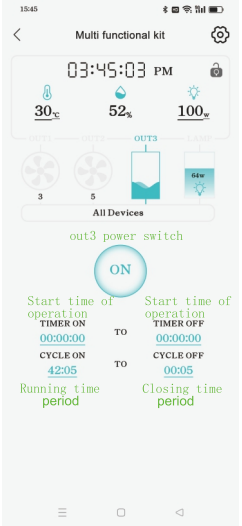
8.OUT1 operation interface



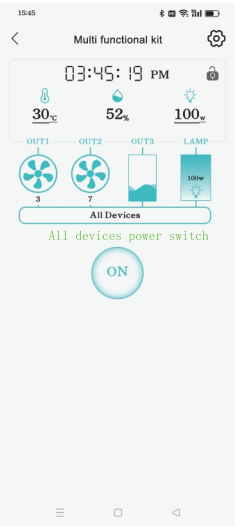
9. OUT2 operation interface



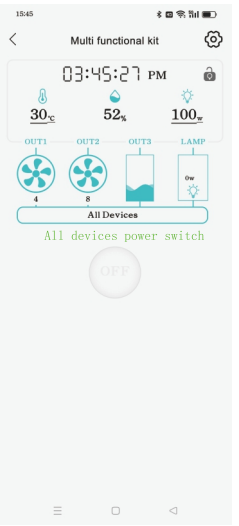
10. LAMP operation interface



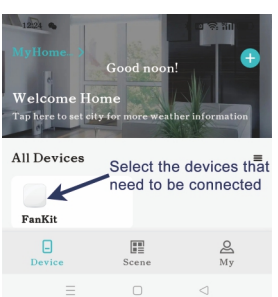
11. OUT3 operation interface



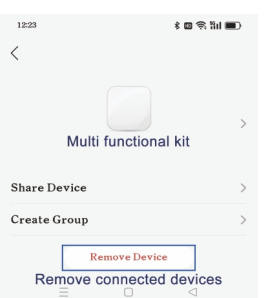
12. Main switch operation interface



13. The main switch is in the closed state



14. If you want to delete a connected device, please click the button in theand click on 'Remove Device' upper right corner of the operation interface.



15. Select the device to be removed