

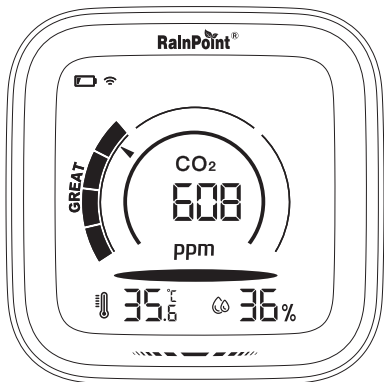


RainPoint[®] Smart
More Than Water Saving

USER MANUAL

CO₂ Detector

Model No. HCS0530THO

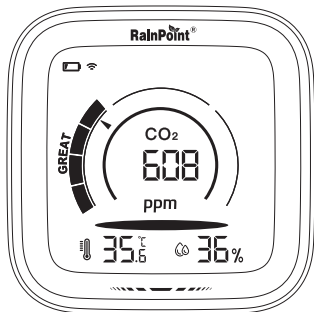


Welcome to the **RAINPOINT** family! Please read the manual before using to learn about the features and functions.

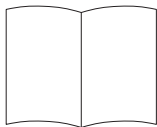
Contents

1.	Contents in the box	01
2.	Introduction	02
	2.1 Product Overview	02
	2.2 Button Introduction	03
	2.3 LCD Screen Overview	04
	2.4 Specification	05
	2.5 Product Features	05
3.	Connection and Installation	06
	3.1 Detector Connection	06
	3.2 Detector Installation	10
4.	App Features and Functions	11
	4.1 Device Home Page	11
	4.2 Basic Setting	12
	4.3 Charts	12
5.	Troubleshooting	13
6.	Precautions	14
7.	Warranty Policy	14
8.	FCC Statement	15
9.	Customer Support	16

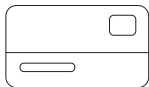
1. Contents in the box



1



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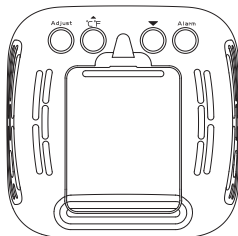
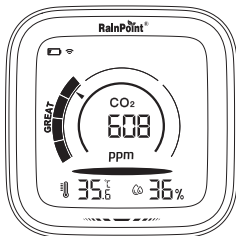


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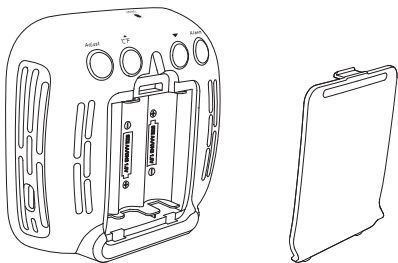
1. HCS0530THO CO₂ Detector
2. User Manual
3. Warranty Card

2. Introduction

2.1 Product Overview






Operation Button

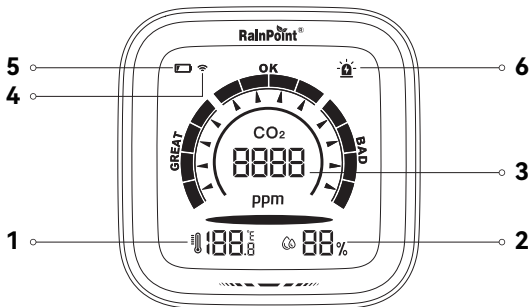


Battery Cover

2.2 Button Introduction

Adjust	Short Press	<ul style="list-style-type: none"> In carbon dioxide concentration alarm setting, short press to save and exit the current setting. When carbon dioxide concentration alarm is set, short press to turn off the alarm sound.
	Long Press	<ul style="list-style-type: none"> Long press in normal mode to enter calibration mode setting.
	Short Press	<ul style="list-style-type: none"> Short press to increment in setting mode. When carbon dioxide concentration alarm, short press to turn off the alarm sound.
	Long Press	<ul style="list-style-type: none"> Normal mode long press to switch temperature unit °C / °F. Setting mode long press for fast increment.
	Short Press	<ul style="list-style-type: none"> Decrement by short press in setting mode. When carbon dioxide concentration alarm, short press to turn off the alarm sound.
	Long Press	<ul style="list-style-type: none"> Long press in setup mode for fast decrementing. Long press to restore default settings in normal mode.
Alarm	Short Press	<ul style="list-style-type: none"> In carbon dioxide concentration alarm setting, short press to save and exit the current setting. When carbon dioxide concentration alarm is set, short press to turn off the alarm sound.
	Long Press	<ul style="list-style-type: none"> Long press in normal mode to enter CO₂ concentration alarm setting.
	Short Press	<ul style="list-style-type: none"> Battery-powered: Short press to illuminate the backlight for 5s. Data cable power supply: Short press to adjust the brightness of the backlight and the indicator light in three levels; high - low - extinguished.

2.3 LCD Screen Overview



1. Current temperature
2. Current humidity
3. Current carbon dioxide concentration
4. Wi-Fi signal indication
5. Low battery power
6. Carbon dioxide concentration exceeding the standard alarm

2.4 Specification

- **Temperature:** $-9.9^{\circ}\text{C}\sim+60^{\circ}\text{C}$ ($14^{\circ}\text{F}\sim140^{\circ}\text{F}$), **resolution:** $\pm 1^{\circ}\text{C}$
- **Humidity:** $1\%\text{RH}\sim99\%\text{RH}$, **resolution:** $\pm 5\%$
- CO₂ detection accuracy within 50ppm+5%
- Powered by 3*AA batteries (Not included)
- Type-C Plug charging

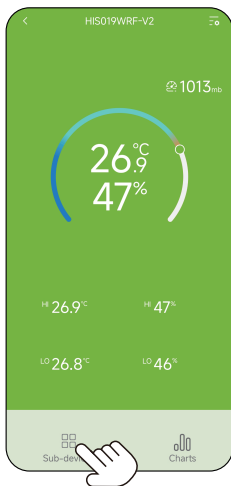
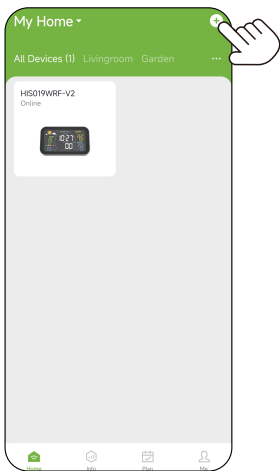
2.5 Product Features



- Indoor temperature and humidity display.
- $^{\circ}\text{C}/^{\circ}\text{F}$ switchable.
- Indoor CO₂ index display.
- CO₂ concentration alarm.
- Degree calibration function.

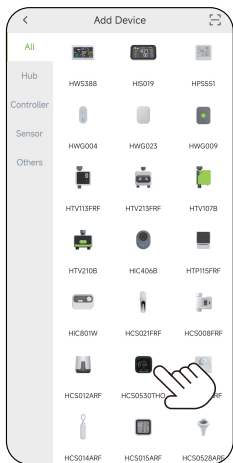
3. Connection And Installation

3.1 Detector Connection

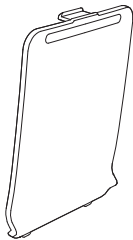
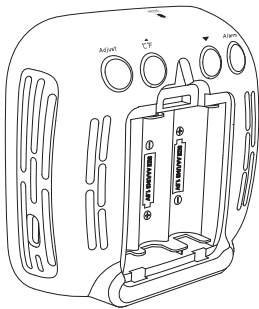
1. On the APP, select the **+** button on the top right corner of the APP home page to add device, or you can go to the hub's home page and use "**Sub-devices**" to add devices.



2. Enter the **"Add Device"** page, click on , or click on  in the upper right corner, scan the QR code in bottom of the manual or on the device to connect to network.



3. Select **"Next"** and start searching devices. At the same time, insert the batteries.



4. Keep the Sensor and the hub close to each other so they can connect automatically.
5. Upon successful connection, the current CO₂ concentration will be displayed in the center of the screen, the highest and lowest CO₂ values of the day and the current temperature and humidity will be displayed at the bottom of the screen.



3.2 Detector Installation

Hang it on the wall or put it on the table.

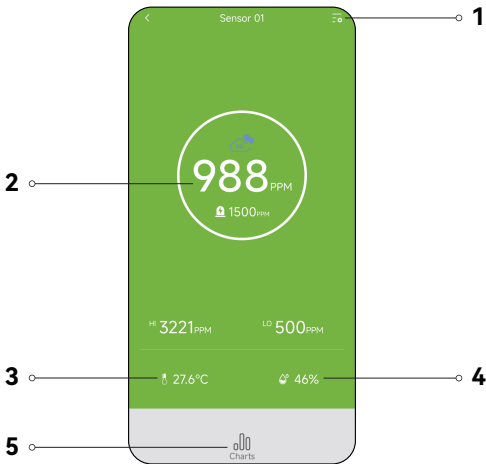


Note:

1. Please do not place in water.
2. When the power is low, the battery should be replaced in time.

4. APP Features And Functions

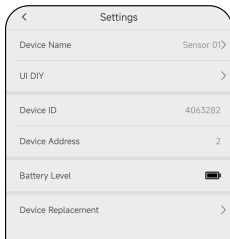
4.1 Device Home Page



1. **Setting:** Basic settings for the CO₂ Detector.
2. **Current CO₂ concentration**
3. **Current temperature**
4. **Current humidity**
5. **Charts:** View past temperature, humidity and CO₂ concentration data in a line graph.

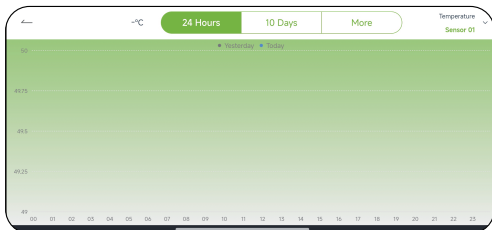
4.2 Basic Setting

In the basic settings, you can check and manage the device information, such as name, interface and description.



4.3 Charts

Select "**Charts**" to view the temperature, humidity, and CO₂ concentrations passing through this sensor on an hourly, daily, or monthly basis.



5. Troubleshooting

Problem	Possible Factors	Solution may help
Sensor can't connect.	<ul style="list-style-type: none">• Unstable WiFi network.• Long distance from the hub.	<ul style="list-style-type: none">• Check that the WiFi network environment is working.• Close to hubs and routers when connected to sensors.
Sensor drains batteries quickly.	<ul style="list-style-type: none">• The cause of the battery itself.• Distance between sensors and hubs.	<ul style="list-style-type: none">• Test a new set of alkaline batteries. Write down the date of installation and the voltage of the batteries. When the batteries fail, please note the date and voltage again.• Check the distance between the sensor and hub.• Check for leaking batteries, which may damage the sensor.• Battery life is over 24 months when using reputable battery brands for Alkaline batteries.
Hub can't connect.	<ul style="list-style-type: none">• Not using 2.4GHz WiFi.• Incorrect WiFi password.• Distance between sensor and hub is too far.	<ul style="list-style-type: none">• Confirm 2.4GHz WiFi connection.• Confirm that the WiFi password has been entered correctly.• Stay closer to the hub while connecting.

6. Precautions

1. Please make sure to use 2.4GHz band WiFi to connect to this product.
2. Do not mix old and new batteries or different types of batteries.

7. Warranty Policy

RainPoint provides a 1-year limited warranty on this product against manufacturing defects in materials and workmanship.



Made in China



Not included



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8. FCC Statement (FCC ID: 2AWDBHCS0530THO)

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

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

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, 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 of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the 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.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

9. Customer Support

If you find it difficult to set up and want to watch the setting tutorial video, please subscribe to our channel RainPoint on YouTube.



Or scan the QR code to visit the RainPoint channel on YouTube quickly.

If the app and the user manual don't have what you're looking for, and need some help about Rainpoint, please contact us by **LOT NO.:** XXXXXX (on the back of the device)

Need Help ?

Scan the QR code for more help.



or Email:

support@rainpointonline.com