



See <https://www.cosytoes.co/technical.html> for instructions and 'How to Videos'



## Vista Timerstat Instructions



## WiFi Setup

Step 1: Scan the QR code or search for “cosytoes” on Google Play or the Apple App Store.



(Only compatible with Android and Apple operating systems)

Step 2: Press ‘Register’ and enter either your mobile phone number or email address. If using your mobile number for your login, a verification number will be texted to the supplied number. This registration process creates a profile connecting your device to the cloud, allowing it to be accessed wherever you are using your mobile data.

# Cosytoes APP for WiFi thermostat



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## THERMOSTAT DESCRIPTION

The 'Vista' series is a smart timerstat used to control your electric floor heating system. It will help keep your home at a comfortable temperature whilst minimising energy use. Install the Cosytoes app on your smart phone to control your Cosytoes heating system remotely with the 'Vista' WiFi timerstat.

## MAIN FUNCTIONS

- ▶ Auto mode
- ▶ Hold mode
- ▶ Holiday mode
- ▶ Anti-frozen function
- ▶ Floor temperature limit
- ▶ Open window detection function
- ▶ Key-lock
- ▶ Brightness
- ▶ Sensor selection
- ▶ Adaptive function

## TECHNICAL SPECIFICATION

Supply voltage: 85-265Vac 50/60Hz    Standby power: < 2W    IP rating: IP20  
Max load: 16A(electric heating)    Wire diameter:  $\leq 2.5\text{mm}^2$

## DISPLAY SYMBOLS





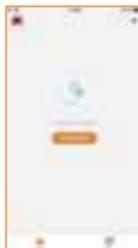
## WIFI CONNECTIONION



**Step 1:**  
Scan the QR code or download the Cosytoes App from APP store.



**Step 2:**  
Register and log in with mobile number/email address in the APP.  
Attention: Please read and agree 'Privacy Policy and Service agreement' before registration.



**Step 3:**  
Click 'Add Device' or '+' on the top-right to add device.



**Step 4:**  
Click 'WiFi thermostat'.

**Step 5:**  
Operate thermostat. If the WIFI icon flashes quickly, Click 'Press to connect'.



**Step 6:**  
Enter Wifi password, and click 'Confirm'.

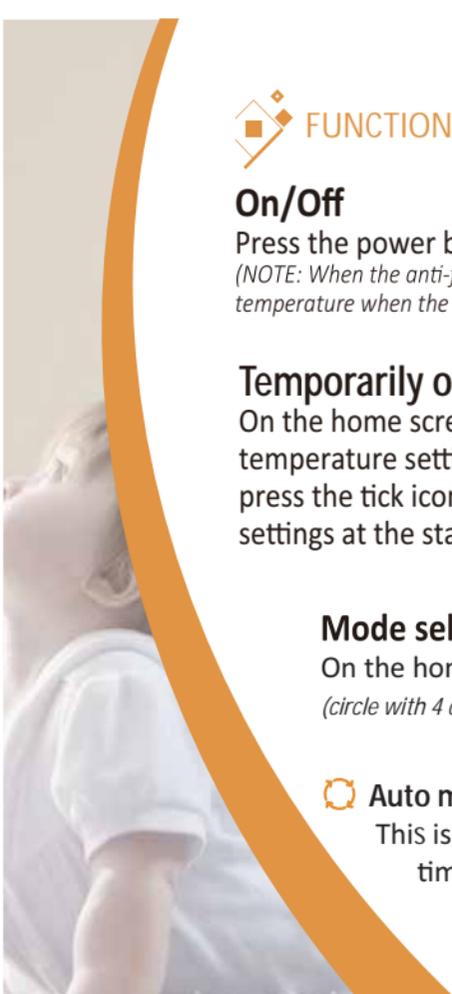


**Step 7:**  
If device added successfully, change the device name and set region. Then, click 'Done'.

Attention:  
If failed, ensure that the 5GHz is temporarily disabled to allow for connection to the 2.4GHz. Once completed, 5GHz can be turned back on.

**Step 8:**  
You can check the actual temperature and set temperature etc. at the control interface.





## FUNCTION & USER OPERATION

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### On/Off

Press the power button on the right edge of the thermostat to turn on/off.

*(NOTE: When the anti-frozen function is active, the Timerstat will maintain the anti-frozen temperature when the power is off.)*

### Temporarily override temperature

On the home screen, press up or down to change the current period temperature setting. To confirm the temperature you have set, press the tick icon. The Timerstat will revert to the normal programmed settings at the start of the next time period.

### Mode selection

On the home screen, press the icon in the top left corner *(circle with 4 clockwise arrows)* to select mode. There are 3 modes:

#### Auto mode

This is the default mode, the Timerstat will run according to the time periods set in 'Edit Setting' to save energy.

#### Manual mode:

The Timerstat will run at the override setting on the home screen until changed manually. Always ensure you press the tick icon to confirm the temperature that you have selected.

#### Holiday mode:

The Timerstat will run at the set temperature for the number of days that you have selected. Firstly, enter the number of days you wish the Holiday Mode to run for, to confirm press the tick icon. Secondly, enter the temperature that you wish to set the Timerstat to and press the tick icon to confirm. *(NOTE: In Holiday Mode, 'left' days remaining will show on the home screen display. Select either Auto Mode or Manual Mode to cancel Holiday Mode.)*

### Menu:

On the home screen, press the icon on the bottom left-hand corner of the screen

 to enter the menu. There are 5 settings.

## 1. Time

Day and clock are set here.

Steps:

Press Time to enter day setting.

Press the day you want to enter hour setting.

Press  or  to set hour.

Press  to confirm and enter minute setting.

Press  or  to set minute.

Press  to confirm and back to Menu.

Press  to back to the page of detected temperature.

\* If the thermostat is WiFi version, it will update time automatically after connecting to WiFi.

## 2. Key lock

Lock all keys to prevent the settings from being changed.

Lock Steps:

Press Key Lock to enter key lock setting.

Press  or  to select lock.

Press  to confirm and back to the page of detected temperature.

Unlock steps:

In the page of detected temperature, press any key then  (in the bottom right corner) will flash 3 times.

Press and hold  for 3 seconds to unlock.

## 3. Brightness

This option allows you to change the brightness of the display.

Steps:

Press Brightness to enter brightness setting.

Press  to move up/down or touch any part of the line to set the brightness.

Press  to confirm and back to Menu.

## 4. Edit setting

This option allows you to set and change the Timerstat parameters. To use this function, the Timerstat will need to be in Auto Mode. Each day of the week has 4 events (*Wake, Leave, Return & Sleep*) you should allot a time & temperature to each event. Set the temperature above current floor temperature and the heating will come on until the desired temperature is reached, or, set the temperature low and the heating will not come on during that event.

Steps:

Press Edit Setting to enter days selection.

Press the day you want to set.

Press ✓ to enter event selection.

Press the event you want to set and enter the start time hour setting.

Press ▼ or ▲ to set start time hour.

Press ✓ to confirm and enter the start time minute setting.

Press ▼ or ▲ to set start time minute.

Press ✓ to confirm and enter temperature setting.

Press ▼ or ▲ to set temperature.

Press ✓ to confirm and back to event selection.

Press ↻ when all 4 events have been set - to set your next day.

#### Default parameters:

Day	Wake	Leave	Back	Sleep
Mon-Fri	07:00 22.0°C	08:30 19.0°C	17:00 22.0°C	22:00 19.0°C
Sat/Sun	08:00 22.0°C	08:30 22.0°C	17:00 22.0°C	22:00 19.0°C

#### 5. Advanced Setting

The thermostat provides advanced settings to suit various special situations. These are normally set by technicians during initial installation.

Steps:

Press Advanced Setting to enter the page of warning.

Press ✓ to enter the page of advanced setting.

Press ▼ or ▲ to switch page.

Press the item to set its parameters.

No.	Name	Default	Ranges
1	Room Temperature Calibration	0°C	-5°C -- 5°C
2	Floor Temperature Calibration	0°C	-5°C -- 5°C
3	Anti-frozen Switch	ON	ON/OFF
4	Anti-frozen Temperature	5°C	5°C -- 15°C
5	Floor Temperature Limit	30°C	20°C -- 50°C
6	Temperature Tolerance	1°C	0.5°C/1°C/2°C/3°C
7	Temperature Unit	°C	°C/°F
8	Sensor Selection	Floor	Room/Floor/Both
9	Schedule	5+1+1	5+1+1/7
10	Output Delay	0 Sec	0S/30S/60S/90S

No.	Name	Default	Ranges
11	Adaptive Function	OFF	ON/OFF
12	Open Window	OFF	ON/OFF
13	Power Set	0 W	0W -- 4500W
14	Energy Use		
15	Sensor Type	10K Ohms	
16	Factory Reset	NO	NO/YES

1. **Room Temperature calibration:** Calibrate the temperature detected by room sensor.
2. **Floor Temperature calibration:** Calibrate the temperature detected by floor sensor.
- 3&4. **Anti-frozen function:** If the anti-frozen function is active, the heating will come on to keep the floor above 5°C.
5. **Floor temperature limit:** This should be set to Floor Sensor (default setting). The system will stop heating if the floor temperature exceeds 30°C (default setting).
6. **Temperature Tolerance:** This is set at 1°C. The heating will come on

when the actual temperature is 1°C lower than the set temperature. It will switch off when the temperature is 1°C above the set temperature.

7. **Temp unit:** °F and °C can be selected.

#### 8: Sensor selection

**Room sensor:** Run by room sensor.

**Floor sensor:** Run by floor sensor.

**Both sensors:** Run by room sensor with floor temp limit.

9. **Schedule:** Select a weekly schedule for the event.

7: each day from Mon to Sun can be set individually.

5+1+1: Mon to Fri have the same events, Sat and Sun can be set individually.

10. **Output delay:** This option will help avoid operating the heating inadvertently.

11. **Adaptive Function:** After several days of installation and use, Adaptive Function ensures that the required temp has already been reached when the next event begins.

12. **Open window:** This function only works with the room sensor. We advise this should not be used with underfloor heating that takes its temperature reading from the floor sensor only.

13&14. **Energy use:** This option allows you to enter the various data used to calculate energy use.

15. **Sensor Type:** The default 10K Ohm sensor is in the box.

Temperature	The resistance value of the floor sensor at the corresponding temperature point ( $\Omega$ )				
	0-3950	1-3380	2-3700	3-3600	4-3740
0 °C	32800	26050	30286	34423	34720
10 °C	19733	17630	19055	22217	22328
25 °C	10000	10000	10000	12000	12000
30 °C	7905	8331	8165	9869	9854

16. Factory Reset: All parameters are restored to default values.

### TROUBLESHOOTING

**Room Sensor Error!** : Built-in sensor short-circuit or disconnected.

**Floor Sensor Error!** : Floor sensor short-circuit or disconnected.

### DIMENSION (MM)



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## INSTALLATION AND WIRING INSTRUCTIONS



### Installation



Separate the panel from the back section: insert the screwdriver into two holes under the thermostat and pry it like the picture.



Connect the wire as shown in the wiring instruction.

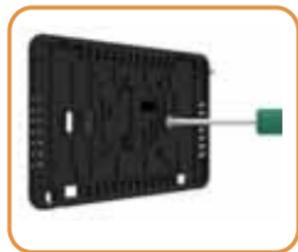
Step 1

Step 2

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**NOTE:** The 'Vista' series timerstat should be mounted in a standard 86 type deep switch box.



Fix the back section to switch box with screws provided.



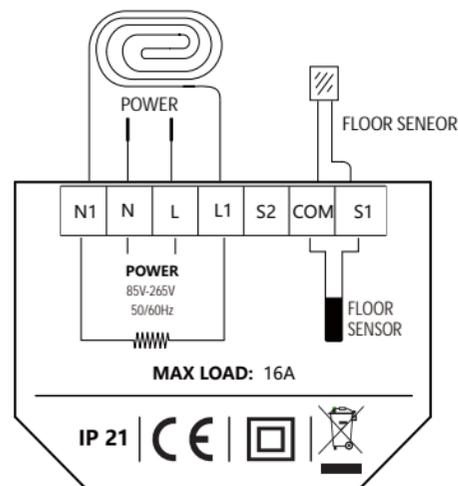
Re-install front panel whilst ensuring the pins engage properly in the circuit board socket.

Step 3

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Step 4

## Wiring instructions



**Suggestion:** Please keep the max load around 90% of 16A to prolong the lifetime.

**Caution:** Ensure power is disconnected when wiring!

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