T6300
Smart WiFi Thermostat And Timer
INSTRUCTION MANUAL

Contents

Introduction

The T6300 is an intuitive programmable thermostat used to control electrical floor heating system or water heating system.In addition, it can also be used as a timer to connect many household devices that need to work on time.

It will keep home at comfortable temp whilst minimizing energy use. Install the app on your smart phone to control heating system remotely with the WiFi thermostat.

TECHNICAL SPECIFICATIONS

Supply voltage: 85-265Vac 50/60Hz
Standby power: <1W
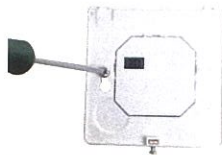*Max load: 16A(electric heating)/3A(water heating)*
IP class: IP21
Cable specification: ≤2.5mm²

Installation

Step 1

Loosen fixing screw located in the bottom of the thermostat to get the front panel.

Step 2

Connect the thermostat according to the Wiring Instruction.

Step 3

Insert the back panel into wall box with provided screws.
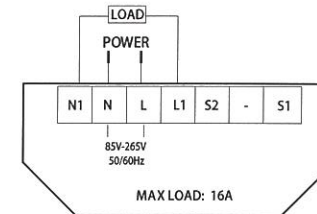
Step 4

Align top part of front panel and back panel to fit these two parts. Then fix them with screw.

Wiring Instructions

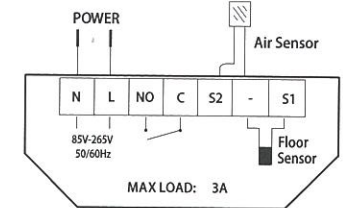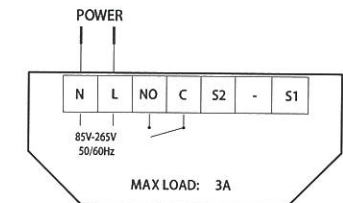**POWER** **Air Sensor**

N1	N	L	L1	S2	-	S1

85V-265V
50/60Hz

Floor Sensor

MAX LOAD: 16A
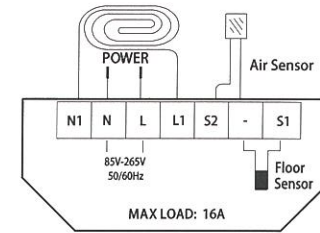
16A: Electric Underfloor Heating

LOAD
POWER

N1	N	L	L1	S2	-	S1

85V-265V
50/60Hz

MAX LOAD: 16A

16A: Timer clock

POWER **Air Sensor**

N	L	NO	C	S2	-	S1

85V-265V
50/60Hz

Floor Sensor

MAX LOAD: 3A

3A: Water Underfloor Heating

POWER

N	L	NO	C	S2	-	S1

85V-265V
50/60Hz

MAX LOAD: 3A
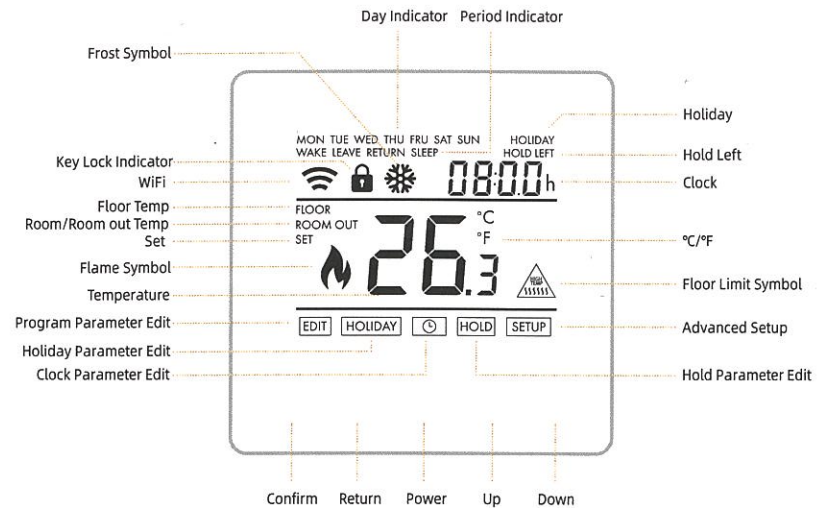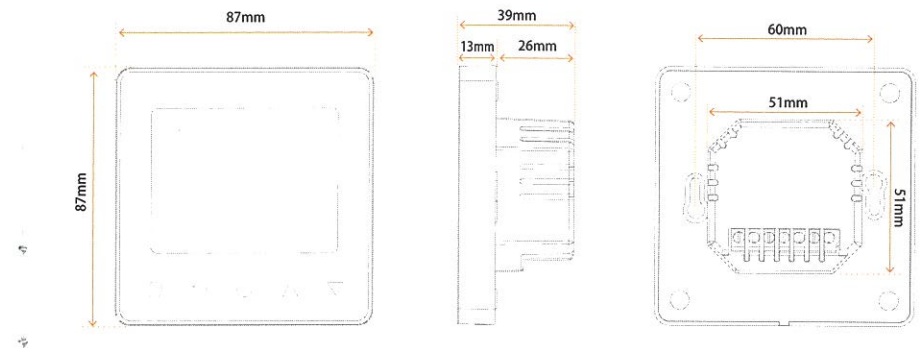
3A: Timer clock

* This product must only be installed by a qualified electrician and comply with local installation regulationsting.

Thermostat Symbols

Frost Symbol

Day Indicator   Period Indicator

Key Lock Indicator
WiFi
Floor Temp
Room/Room out Temp
Set
Flame Symbol
Temperature
Program Parameter Edit
Holiday Parameter Edit
Clock Parameter Edit

MON TUE WED THU FRU SAT SUN   HOLIDAY
WAKE LEAVE RETURN SLEEP   HOLD LEFT

FLOOR
ROOM OUT
SET

26.3 °C °F

EDIT   HOLIDAY   🕐   HOLD   SETUP

Holiday
Hold Left
Clock
°C/°F
Floor Limit Symbol
Advanced Setup
Hold Parameter Edit

Confirm   Return   Power   Up   Down

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Dimensions

87mm

87mm

39mm

13mm 26mm

60mm

51mm

51mm

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WiFi Connections

① Scan the QR code or download from APP store / Google Play.

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.

③ Click 'Add Device' or '+' on the top right to add device.

④ Click 'WiFi thermostat'.

⑤ Operate thermostat. If the WiFi icon flashes quickly, click 'Press to connect'.

⑥ Enter Wifi password, and click 'Confirm'.

⑦ If the device is added successfully, you can change the device name and set region. Then, click 'Done'.

Attention:If failed, confirm the Wifi is 2.4G version and check the Wifi signals, then, use the 'AP mode' in the top right to connect again.

⑧ You can check the actual temperature and set temperature etc. on the control interface.

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Function & Operation

The product can switch two control modes, one is thermostat mode and the other is timer mode.

Press ⏻ to turn Off.

Press and hold ○ to enter mode selection. Press △▽ to set mode.

01: Thermostat mode

02: Timer clock mode (Go to page 12)

Press ○ to confirm selection.

1 Thermostat mode

ON/OFF

Press ⏻ to turn On/Off.

Note: When frost protection is active, the thermostat will maintain the frost protection temp when it is Off.

TEMPORARY OVERRIDE TEMPERATURE

The temporary override temp is only valid at the current event and it will not be saved.

On the actual temp interface, press △▽ to set temporary override temp.

Press ○ to confirm and back to the actual temp interface.

KEY-LOCK

Lock all keys to prevent the settings from being changed. On the actual temp interface, press and hold ⇥ for 3 seconds to lock or unlock all the keys.

SET THE TIME

On the actual temp interface, press ○ then the ⏱ will flash.

Press ○ to enter day setting.

Press △▽ to set day.

Press ○ to enter hour setting.

Press △▽ to set hour.

Press ○ to enter minute setting.

Press △▽ to set minute.

Press ○ to confirm and back to the day setting interface.

Press ⇥ twice to back to the actual temp interface.

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

HOLIDAY MODE

In Holiday Mode, the thermostat will maintain the set temp until the holiday time ends.

On the actual temp interface, press ○ then the ⏱ will flash.

Press △▽ to select HOLIDAY.

Press ○ to enter holiday days setting.

Press △▽ to set holiday days.
Press ○ to enter temp setting.
Press △▽ to set temp.
Press ○ to confirm and back to the actual temp interface.
* Set the holiday days to zero or double press ⏻ to cancel Holiday Mode.

HOLD MODE

In Hold Mode, The thermostat will hold the set temp until you cancel this mode.
On the actual temp interface, press ○ then the 🕐 will flash.
Press △▽ to select HOLD.
Press ○ to enter Hold ON/OFF setting.
Press △▽ to set Hold ON.
Press ○ to enter temp setting.
Press △▽ to set temp.
Press ○ to confirm and back to the actual temp interface.
* Set hold OFF or double press ⏻ to cancel Hold Mode

EDIT SETTING

Edit Setting can set and change the parameters. If you don't choose Holiday Mode or Hold Mode. The thermostat runs according to the parameters of Edit.

On the actual temp interface, press ○ then the 🕐 will flash.
Press △▽ to select EDIT.
Press ○ to enter day selection of Edit Setting.
Press △▽ to select a day.
Press ○ to enter the event selection of the day.
Press △▽ to select a event.
Press ○ to select event's starting time.
Press △▽ to set the hour of starting time.

EDIT SETTING CONT.

Press ○ to enter the minute setting.
Press △▽ to set the minute of starting time.
Press ○ to enter the temp setting.
Press △▽ to set the temp.
Press ○ to confirm and back to the event selection of the day.
* Press ↰ some times or double press ⏻ to back to the actual temp interface.

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

ADVANCED SETTING

These are normally set by technicians during initial installation.
On the actual temp interface, press ○ then the ⏱ will flash.
Press △ ▽ to select SETUP.
Press ○ to enter advanced setting.
Each setting can be accessed by ○ pressing and parameters adjusted by △ ▽ pressing.

No.	Name	Default	Ranges
1	Room temp calibration	0.0°C	-5.0°C -- 5.0°C
2	Floor temp calibration	0.0°C	-5.0°C -- 5.0°C
3	Anti-frozen function	ON	OF(OFF) ON
4	Anti-frozen temp	5.0°C	5.0°C -- 15.0°C
5	Sensor selection	01: Floor sensor	00: Room sensor / 01: Floor sensor 02: Room+Floor / 03:Room out 04: Room out + Floor
6	Floor temp limit	30.0°C	20.0°C -- 50.0°C
7	Temp unit	00: °C	00: °C / 01: °F
8	Output delay	00: 00s	00: 00s / 01: 30s 02: 60s / 03: 90s
9	Temp deviation	01: 1.0°C	00: 0.5°C /01:1.0°C 02: 2.0°C /03: 3.0°C
10	Reverse output	00: OFF	00: OFF / 01: ON
11	Schedule	01: 5 +1+1	00: 7 /01: 5+1+1
12	Adaptive function	00: OFF	00: OFF / 01: ON
13	Reset	00: No	00: No / 01: YES

1. **Room temp calibration:**Calibrate the temp detected by room sensor.

2. **Floor temp calibration:**Calibrate the temp detected by floor sensor.

3&4. **Anti-frozen function:**This option allow you to bring warmth to your plant and pet with a lower temp.❄displays when you turn off the thermostat. In hydronic heating system, it will keep away from freezing.

5. **Sensor selection:**
   00 Room sensor
   01 Floor sensor
   02 Room+Floor: Run by room sensor with floor temp limit.
   03 Room out
   04 Room out + Floor

6. **Floor temp limit:**If you choose both sensors, floor temp limit must be set to protect floor.

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

8. **Output delay:**This option help you avoid inadvertent operation on heating.

9. **Temp deviation:** The deviation is 1°C. The thermostat start to work when the actual temp is 1°C lower than set temp and stop to work when the actual temp is 1°C higher than set temp.

10. **Reverse output:**This function works for the cooling system. When the temp is 1°C higher than set temp, the thermostat will disconnect the cooling system, otherwise it will connect the cooling system.

11. **Schedule:**Select a weekly schedule for the Edit. There are 2 options:
    7: each day from Mon to Sun can be set individually.
    5+1+1: 5 days from Mon to Fri have the same events, Sat and Sun can be set individually.

12. **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.

13. **Reset:**All parameters are restored to default values.

OPEN WINDOW DETECTION

This function only works when room sensor or both sensors is selected. The thermostat with this function will shut off automatically for 15 min when the window opens, as it can detect that the room temp plummets.
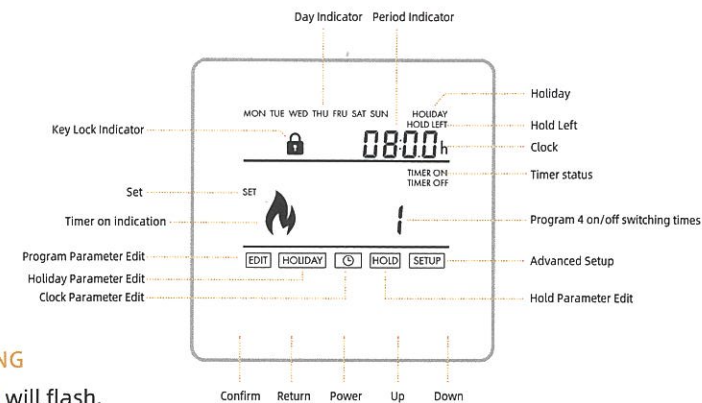
Troubleshooting

E1
Room Sensor Error

E2
Floor Sensor Error

2 Timer clock mode

When used as a timer, only the symbols shown below are used.

Day Indicator Period Indicator

Key Lock Indicator

MON TUE WED THU FRU SAT SUN   HOLIDAY / HOLD LEFT

🔒   08:00h

Holiday
Hold Left
Clock

TIMER ON / TIMER OFF

Timer status

Set — SET

Timer on indication

Program Parameter Edit
Holiday Parameter Edit
Clock Parameter Edit

EDIT HOLIDAY 🕐 HOLD SETUP

Program 4 on/off switching times

Advanced Setup

Hold Parameter Edit

Confirm Return Power Up Down

COUNTDOWN SETTING

Press ○ then the 🕐 will flash.
Press △ ▽ to select HOLD
Press ○ to enter countdown setting.
Press △ ▽ to select minute and hour.
In addition, you can set or override the old timer by pressing △ ▽ key directly.
This is a shortcut.

AUTOMATIC WEEKLY PROGRAM

When the timer mode is entered, the weekly program is executed by default.

The time clock offers three programming methods;

Weekday/ Weekend (5+1+1):

Allows you to program 4 on/off switching times for the weekdays and 4 on/off switching times for the weekend.

7 Day Program Mode:

Each day has 4 on/off switching times that can be programmed independently.

24 Hour Mode:

All days are programmed with the same on/off switching times.

DEFAULT PARAMETERS

Day	Timer 1	Timer 2	Timer 3	Timer 4
Mon-Fri	06:00 ~ 08:00 ON	16:00 ~ 22:00 ON	--:-- ~ --:--	--:-- ~ --:--
Sat/Sun	08:00 ~ 10:00 ON	16:00 ~ 23:00 ON	--:-- ~ --:--	--:-- ~ --:--

EDIT SETTING

Edit Setting can set and change the parameters.

Press ○ then the ⏱ will flash.

Press △ ▽ to select EDIT .

Press ○ to enter day selection of Edit Setting.

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Press △ ▽ to select a day.

Press ○ to enter the first on/off switching times.

Press △ ▽ to select a timer event.

Press ○ to select event's starting time.

Press △ ▽ to set the event's end time.

HOLIDAY TIMING

During holiday timing, the timer is turned off.

Press △ ▽ to select HOLIDAY .

Press ○ to enter holiday days setting.

* Set the holiday days to zero or double press ⏻ to cancel Holiday Mode.

ADVANCED SETTING

These are normally set by technicians during initial installation.

Press ○ then the ⏱ will flash.

Press △ ▽ to select SETUP .

Press ○ to enter advanced setting.

Each setting can be accessed by ○ pressing and parameters adjusted by △ ▽ pressing.

No.	Name
00	Programmming :7 days
01	Programmming :5+1+1
02	Programmming :24 hours
03	Reset

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Download the app

Compatible with
iOS and Android.