

# KL6300W Series Thermostat

User Guide



## Welcome

Your new thermostat will provide comfortable temperature control throughout every room in your property. We bring together technology, craftsmanship and the highest quality materials to provide you with a safe, reliable product combined with sleek, contemporary design.

Please read this installation/ programming manual for comprehensive instructions on installing and operating your thermostat. Please also ensure a suitably qualified person installs your thermostat and complies with all local regulations.

### In the box you will find

Thermostat	1pc	Screws	2pc
User Guide	1pc	Wall plate	1pc
QC Passed	1pc		

### ABOUT YOUR THERMOSTAT

KL6300W series thermostat modern square touch screen room thermostats. switches the fans and valves on/off according to the temperature and setting temperature helping to conserve energy and taking care of your comfort needs.

### MODEL DEFINITION

- A: Two pipe; Control Fan Coil Unit and Two Wired Motorized Valve
- M: Two pipe; Control Fan Coil Unit and 0-10V Motorized Valve
- E: Four pipe; Control Fan Coil Unit and Two Wired Heat Valve and Two Wired Cool Valve.
- N: Modbus RTU communication
- W: Wifi connection
- K: Keypad
- W2: Window
- E: External Sensor
- T: Clock
- P: Programmable

## FEATURES

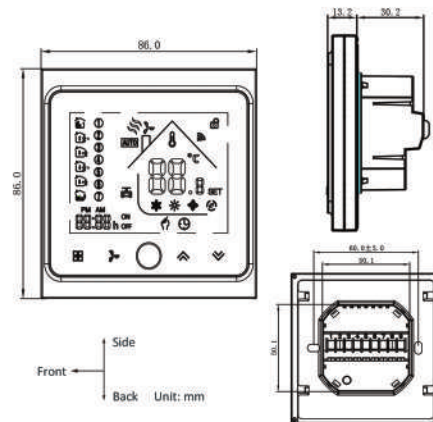
### On Appearance

- Beautiful UI Design.
- Touch buttons for simple operation.
- White Backlight.
- Rotation to connect allows you to easily install.
- 86mm hidden box and European 60mm round box is suitable.

### On Functionality

- Powerful functions are available such as WIFI etc.,
- 0.5°C accuracy keeps temperature within the level you set.
- C° or F° can be customized.
- Data memory when power is off.
- 5+1+1 six periods programmable maximize comfort and economy.
- Temporary programmable.
- All setting languages synchronize your time zone, location and language.
- No limit to add thermostats in App and support Smart Scene..
- Create thermostat group to Centralized control.
- Integrated with Amazon Echo, Google Home, Tmall Genie.

### DIMENSION



### TECHNICAL DATA

Power Supply: 95 ~ 240 VAC, 50 ~ 60Hz  
 Fan Relay Amps Resistance: 5A; Inductive: 3A  
 Valve Relay Amps Resistance: 3A; Inductive: 1A  
 Sensor: NTC3950, 10K  
 Accuracy: ±0.5°C  
 Set Temp. Range: 5 ~ 35°C  
 Display Temp. Range: 5 ~ 99°C  
 Ambient Temp.: 0 ~ 45°C  
 Ambient Humidity: 5 ~ 95% RH (Non Condensing)  
 Storage Temp.: -5 ~ 45°C  
 Power Consumption: <1.5W  
 Timing Error: <1%  
 Shell Material: PC +ABS ( Fireproof)  
 Installation Box: 86 \* 86mm Square or European 60mm Round Box  
 Wire Terminals: Wire 2 x 1.5 mm<sup>2</sup> or 1 x 2.5 mm<sup>2</sup>  
 Protection Class: IP20  
 Buttons: Capacitive Touch Buttons

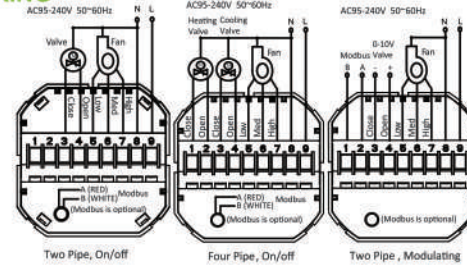
## BEFORE WIRING AND INSTALLING

- Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
- Installer must be a trained and experienced service technician.
- After installation is complete, test product operation as provided in these instructions.

### CAUTION

Electrical Shock or Equipment Damage Hazard. Can shock individuals equipment circuits. Disconnect power supply before installation.

### WIRING

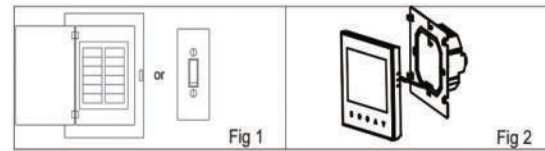


## INSTALLATION

Your thermostat is suitable for installation within a standard 86mm pattress box or European 60mm pattress box.

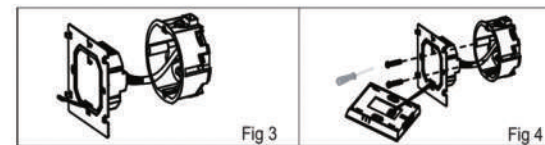
Step 1. Keep the electricity off. See Fig 1.

Step 2. Remove the mounting Plate by rotating the LCD part. See Fig 2.



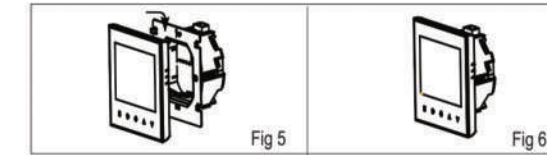
Step 3. Connect power supply, load into the appropriate terminals. (see "Wiring your thermostat" for details and Fig 3).

Step 4. Fix the mounting plate into the wall with screws in the box. See Fig 4.

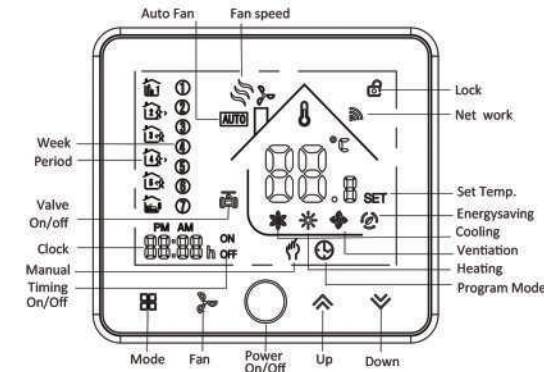


Step 5. Fasten body of thermostat and the mounting plate See Fig 5

Step 6. Installation complete. See Fig 6



## HOME SCREEN QUICK REFERENCE



## OPERATION

### During Power On

- Power On/off:** Press to turn the thermostat on/off.
- Manual & Programmable**

Press and hold , will flash. Press to select manual and press to select weekly programmable.

### 3. Setting Temperature

In the mode of manual, press to set temperature. will display on the bottom of the screen

### 4. Locking Your Thermostat

Press and hold the for 5 seconds to lock/unlock your thermostat. In item 3 of high senior options, you can select full lock or half lock.

### 5. Selecting System Mode

Press to change the system mode HEATING, COOLING and VENTILATION. In the mode of VENTILATION, the valve is off but the fan runs.

### 6. Setting the Fan Speed

Press to select the fan speed AUTO, HIGH, MED, LOW.

### 7. Restore Manufacturer Defaults

Press the **Restore Manufacturer Defaults**, you can reset thermostat. Steps: Open your app - go into your room - click menu on the top right corner - move to the end - Press **Restore Manufacturer Defaults**.

weekday (1 = Monday, 2 = Tuesday etc.) by using the arrows, after 3 seconds the value will be confirmed automatically.

## 9. Adjusting the Weekly Programmable

Press to do the adjustment of weekly programmable.

Then press to change the different items. Press or to set the relative values.

Your thermostat provides six scheduled heating and cooling periods each day – three Comfort periods - 1, 3 & 5 (the temperature required when room is occupied) and three Economy periods – 2, 4 & 6 (the temperature required when room is unoccupied). You can set both the time and temperature for each of these six daily periods. Adjusting/setting the schedules can only be carried out when in program mode; Touch (m to change between manual mode and programme mode. In manual mode, will show in the bottom left screen. Touch the icon for four times until the weekday schedule set appear (1 2 3 4 5 will show along the left of the screen). Use the and arrows to adjust the time for the 1st (Comfort) period Press the icon and use the and arrows to set the temp. for the 1st period. Repeat this process for periods 2 – 6. Press the icon once more to enter the weekend schedule settings (6 & 7 will show also left of the screen). Repeat the above process to set the weekend schedule Press once more to confirm and exit.

### Default settings for program schedule

Time display	WEEKDAY (MONDAY – FRIDAY) (1 2 3 4 5 shows on screen)		WEEKEND (SATURDAY) (6 shows on screen)		WEEKEND (SUNDAY) (7 shows on screen)	
	TIME	TEMPERATURE	TIME	TEMPERATURE	TIME	TEMPERATURE
Period 1	06:00	20°C	06:00	20°C	06:00	20°C
Period 2	08:00	15°C	08:00	20°C	08:00	20°C
Period 3	11:30	15°C	11:30	20°C	11:30	20°C
Period 4	13:30	15°C	13:30	20°C	13:30	20°C
Period 5	17:00	22°C	17:00	20°C	17:00	20°C
Period 6	22:00	15°C	22:00	15°C	22:00	15°C

In the mode of programmable, set temp., time could not be adjusted.

### During Power Off

#### Setting the Functions and Options

When power is off, press and hold and at the same time for 5 sec. in order to reach system function.

Then press to change the different items.

Press and arrows to adjust the relative value.

All settings will be confirmed automatically when power is on.

Code	Function	Setting and options	Default
1	Temperature compensation	-7 to 7°C	-1
2	Fan control	00:When room temp. reaches the set point,the fan will turn off 01:When room temp. reaches the set point,the fan will turn to low speed	0
3	Button Locking	00:All buttons are locked except power button 01:All buttons are locked.	01
4	Heat/cool	00:Cool only 01:Heat/Cool	01
5	Min. Set Temp.	5 to 15°C	05
6	Max. Set Temp.	5 to 35°C	35
7	12/24 hours	00:12h 01:24h	01
8	Display Mode	00: Display both set temp. and room temp. 01: Display set temp. only	00
9	Energy saving Mode	00: Non-energy saving Mode 01: Energy saving Mode,set Temp. keep economy Temp.	00
A	Heating Economy Temp.	10 to 30°C	20
B	Cooling Economy Temp.	10 to 30°C	26
C	Deadband Temp.	1 to 5°C	1



# ABOUT WIFI

## WI-FI CONNECTION

Before using your Wi-Fi thermostat for the first time, you must configure the Wi-Fi signal and settings through your smartphone or tablet. This will allow communication between your connected devices.

### Step 1 Download your APP (Fig1-1)



Fig 1-1



Fig 1-2 iOS



Fig 1-3 Android

Search for "Smartlife" in Apple Store or Google Play or use a browser to scan the QR code above (Figure 1-2), and complete account registration and installation according to the guidance of the APP.

### Step 2. Connect the thermostat

Check the tutorial below to

#### Method 1: Scan the QR code to configure the network guide (Fig 2.1-Fig 2.3)

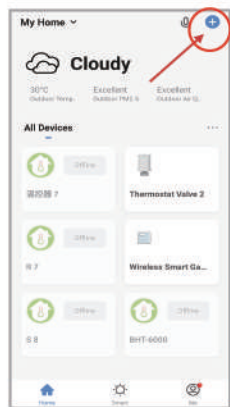


Fig2.1



Fig2.2

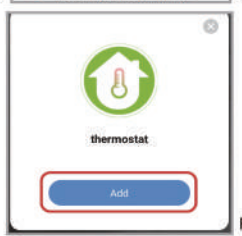


Fig2.3



Scan this QR code

#### Method 2: Ordinary distribution network guidance (Fig. 2. 1& Fig. 2.3-1)



Fig2.3.1

#### Network distribution mode:

1. EZ Mode  
When the thermostat is off, press and hold the "V" icon until the thermostat screen flashes quickly and displays the "Wi-Fi" icon, and then operate according to the following figure (Fig 2.4-Fig 2.7).

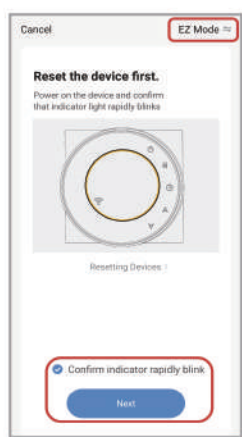


Fig2.4

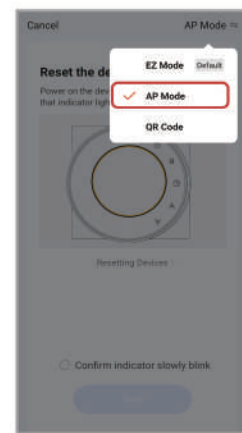


Fig2.8

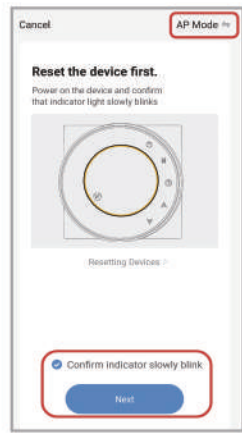


Fig2.9



Fig2.5



Fig2.6

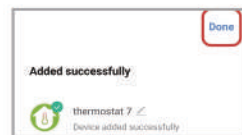


Fig2.7

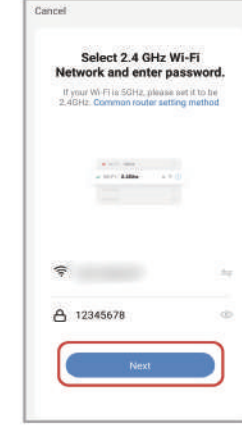


Fig2.10

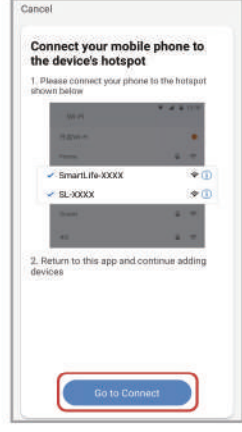


Fig2.11

2. AP Mode  
When the thermostat is off, press and hold the "V" icon until the thermostat screen flashes slowly and the "Wi-Fi" icon is displayed (if the "Wi-Fi" icon appears, continue to press the "V" icon until the thermostat screen flashes slowly and displays the "Wi-Fi" icon), and then operate according to the following figure (Fig 2.8-Fig 2.14).

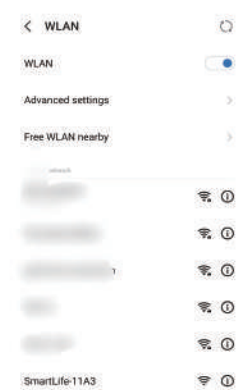


Fig2.12

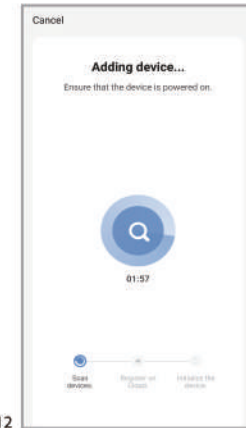


Fig2.13

After connecting to the hotspot, return to the "smartlife" APP

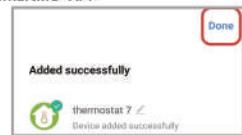
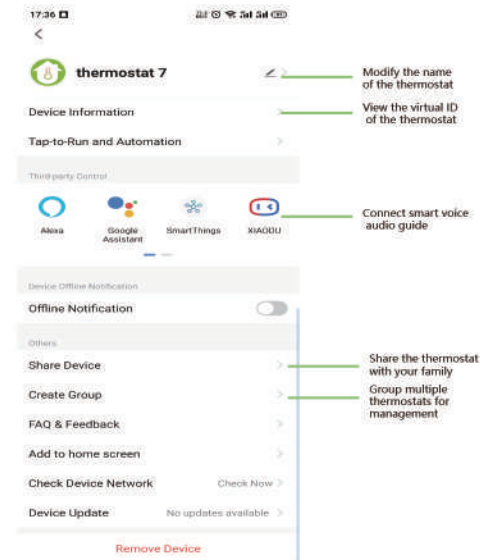


Fig2.14

## APP operation interface description (FCU thermostat)



## More settings



## SIMPLE EXCEPTION HANDLING

No.	Phenomenons	Handling
1	Power is on but without display.	* Check if the terminals between LCD panel and Power Unit Box.
2	Without output but display works.	* Use a new LCD panel or new Power Unit Box to replace the old one.
3	Room Temp. is a little different from the actual.	* Check temperature calibration in item 1 of High options.

## SERVICE

Your thermostat carries a 12 months warranty from date of purchase. Service the warranty period may incur a charge.