

LCD high definition screen  
Tempered glass surface  
**Intelligent WiFi Controller**

The acmelec brand was founded in 2003. We are a high-tech company integrating research and development, production and sales, specializing in the research and development and production of smart home and thermostat. We have obtained many patent product certificates and software copyright certificates. The main products include air conditioner thermostat, floor heating thermostat, fresh air controller, wall-mounted furnace thermostat, smart home equipment, etc.



**1 . Product Introduction**

AE series intelligent controller. It is widely used in families, residential buildings, schools, hotels, hospitals, offices and other environments to achieve ideal room temperature.

Modern design and fashionable appearance.  
The LCD display can be seen clearly even in the dark.  
Tempered glass surface can avoid finger scratch.  
The touch button is easy to operate.

Accurate comfort control can keep the temperature within 1 ° C of your set value.

Data is automatically stored when the power is turned off.  
Modern design is similar to mobile phones.

**2 . Product parameters**

Temperature sensing element	Thermistor
control accuracy	±1°C
Installation hole spacing	60mm(standard)
work environment	0-40°C
Power supply voltage	110~230VAC 50\60Hz
Rated power	5A
Shell material	PC+ABS flame retardant
temperature range	5-35°C(Adjustable)

**3 . Operating instructions**

Switch: Shortly press the "⏻" key to turn on or turn off the thermostat.

Child lock settings: press the "M" key for 3 seconds, turn on or off the child lock function, the thermostat is running normally, and the key function is invalid.

Setting temperature: On power-on, adjust the setting temperature by pressing "▲" or "▼" key, and set the temperature to change by 1 ° C once per key.

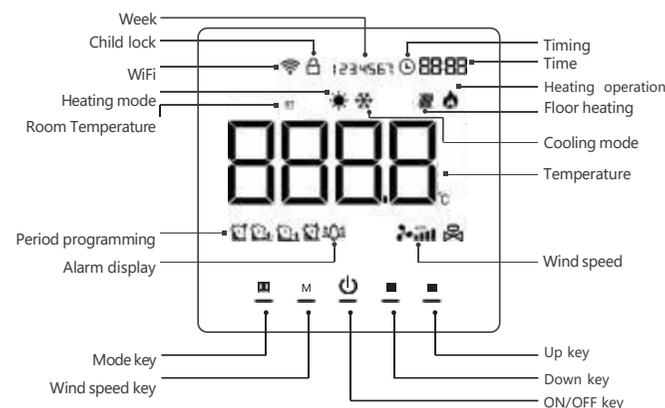
Mode switching: Shortly press "⏻" key to enter cooling and heating mode switching.

Wind speed switching: Shortly press "M" key for high, medium, low and automatic wind speed switching.

Time setting: long press the "▼" key to enter the time setting. Press the "⏻" key to switch between minutes, hours and weeks. When flashing, short press the "▲" or "▼" key to adjust the corresponding time and week.

Manual automatic switching: long press the "⏻" key for 3S to switch between manual mode or automatic mode, and the automatic mode can be programmed.

**4 . Show Introduction**



## 5. Advanced setting

Press and hold the "▲" and "▼" keys for 3 s while shutting down the machine to enter the advanced setting function. The specific operation is as follows: Then briefly press "□" key to switch parameters, press "▲" and "▼" to adjust parameter values, and press "○" key to exit saving.

Numbers	Current display value definition	Range	Explain	Default
00	Correction value of indoor temperature	±10.0°C	Adjust to the correct room temperature	0°C
01	Set the upper temperature limit	60°C	Set the maximum temperature	40°C
02	Set the lower temperature limit	5°C	Set the minimum temperature	5°C
03	Switch deviation setting	0 - 10.0°C	Set output deviation value	1.0°C
04	Low temperature protection function	00 - 01	00 off, 01 on	00
05	Adjust to correct room temperature	00 - 10	0 - 10 second delay output time	00
06	Controlled cooling air volume	00 - 01	0 0 controlled, 0 1 uncontrolled	00
07	Heating air volume controlled	00 - 01	0 0 controlled, 0 1 uncontrolled	00
08	Screen off function selection	00 - 02	0 0 screen off, 0 1 room temperature, 0 2 always on	01
09	Restore factory settings	00 - 01	0 1 Restore factory default	00

## 6. Period programming

In the case of power off, press and hold the "□" key for 3 seconds to enter the time period setting function, and the time flashes at this time. The specific operations are as follows:

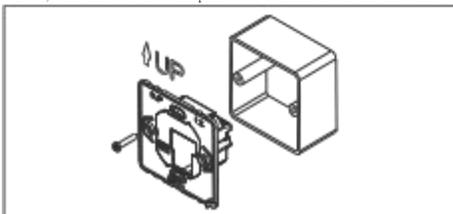
Modification time/temperature	Modify week/time period	Period	Representative symbol	Default time	Default temperature	Modify temperature	
Press the "M" key to switch minutes, hours and temperatures and press the "▲" or "▼" key to adjust the value when flashing.	Continue to press the "□" key to modify the week and time period. When flashing, press the "▲" or "▼" key to adjust the value.	Working day	1		6:00	20°C	Press "▲" or "▼" to adjust
			2		8:00	15°C	
			3		17:00	22°C	
			4		22:00	15°C	
		Off day	1		8:00	22°C	
			2		23:00	15°C	

## 7. Installation method

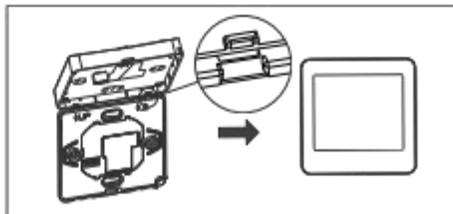
1. Remove the front panel of the thermostat with a screwdriver.



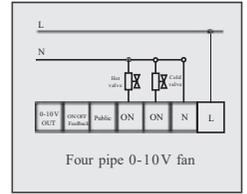
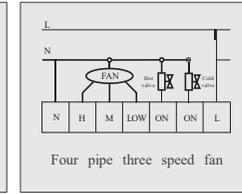
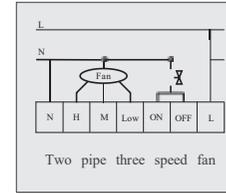
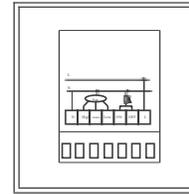
2. Install the rear shell of the thermostat in the cassette on the wall, tighten the screws, and then fix the front panel of the thermostat on the rear shell.



3. Fix the snap at the bottom of the thermostat.



## 8. Wiring diagram



## 9. WiFi connection

WiFi reset: (All products have been reset with WiFi before leaving the factory. To ensure the wifi configuration is smooth or the user misoperation and other reasons, it is recommended that all wifi configurations should be initialized and reset.): In the shutdown state, long press the "○" key of the temperature controller, and 00 will appear. Then press the "▲" key to adjust 00 to 01, and then press the "○" key to save to complete the wifi reset of the temperature controller.



(Figure 1)



(Figure 1)

Connect the device to the APP (first scan the QR code to download the APP, complete the registration, and then follow the following steps to configure the WiFi)

### 1. Bluetooth connection

Turn on the Bluetooth function of the phone, and then open the downloaded APP. Wait a few seconds for the following picture to appear, click "Go to add".



### 2. Search for device

The password appears automatically or manually enter the password. Click "Confirm" to show the percentage connection progress.



### 3. Connection complete

Click on the "+" sign. Connection complete.



### 4. Auto connect

Or choose automatic connection.

Wait for the following picture to appear, click "Next".



### 5. Connection complete

Click "Done" to complete the connection.



iOS



Android

Two-dimensional code of APP