

Thermostat Instruction

KTF0155A KTF0155B KTF0155C White
KTF0163A KTF0163B KTF0163C Black



KTF0155 KTF0163 series is smart thermostat used to local or remote control floor heating system to keep your home at comfortable temperature while minimizing energy use.

Inside the box

 Thermostat 1pcs  Screws 2pcs  User manual 1pcs

 3m external sensor 1pcs (only KTF0155A KTF0163A include)

Contents

I English manual

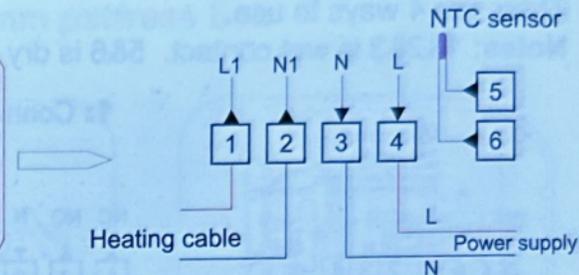
Wiring diagram-----	1
Installation-----	3
LCD display-----	4
Connect to App -EZ mode -----	5
Connect to App -AP mode -----	6
App function -----	8
Touch key function-basic settings-----	9
Touch key function-advanced settings--	11
Touch key function-----	13
II Deutsches Handbuch -----	15
III manuel en français -----	23
IV Manual en español -----	28
V manuale italiano -----	33

made in China



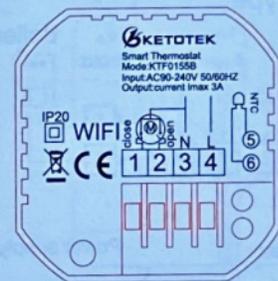
info@cnketotek.com www.cnketotek.com

❖KTF0155A, KTF0163A -- Electric heating thermostat 16A.

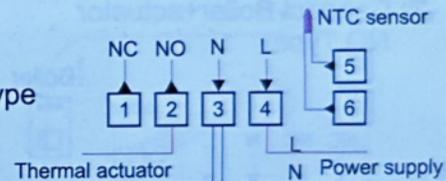


❖KTF0155B, KTF0163B -- Water heating thermostat 3A.

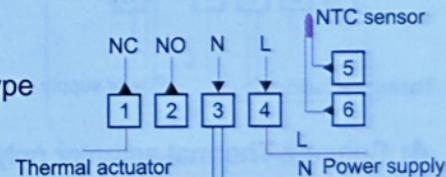
Connect thermal actuator to 1&3(2 wires NC Type) or 2&3(2 wires NO Type) or 1&2&3(3 wires)



NO Type

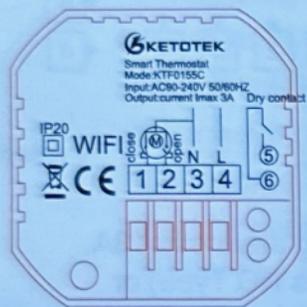


NC Type

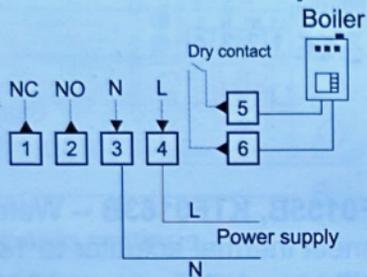


❖ **KTF0155C, KTF0163C** -- Water and gas boiler thermostat 3A
 There are 4 ways to use.

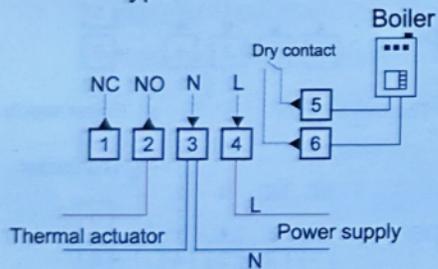
Notes: 1&2&3 is wet contact. 5&6 is dry contact.



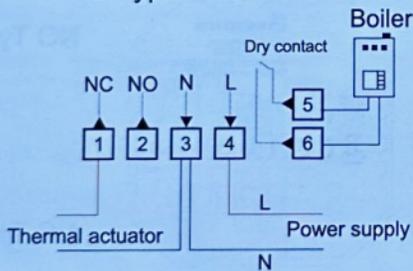
1: Connect Boiler only



2: Connect Boiler+actuator NO Type

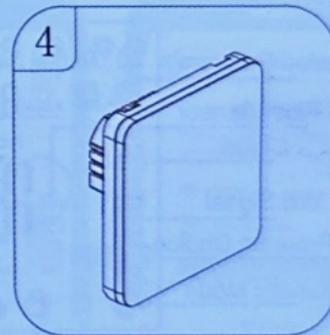
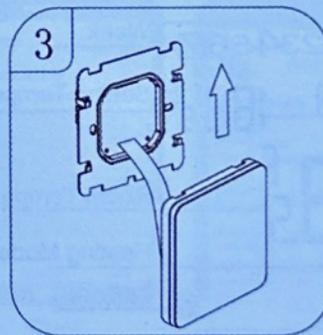
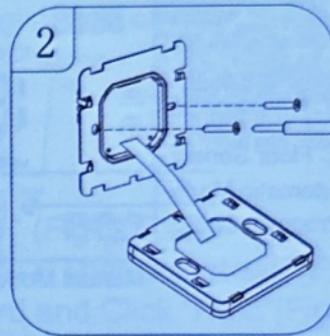
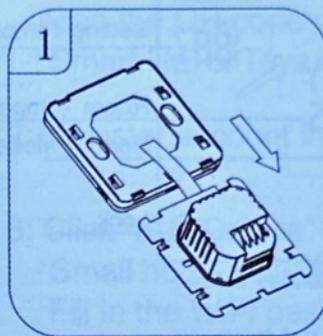


3: Connect Boiler+actuator NC Type



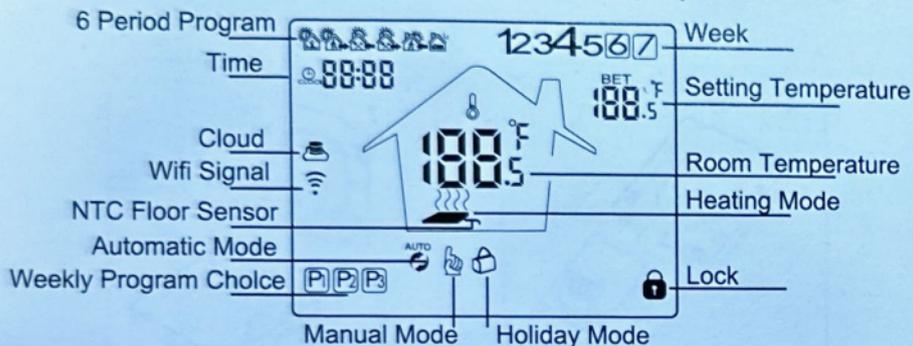
4: Connect Thermal actuator only (can replace KTF0155B 163B)

Installation - suitable for standard 86mm or European 60mm pattress box

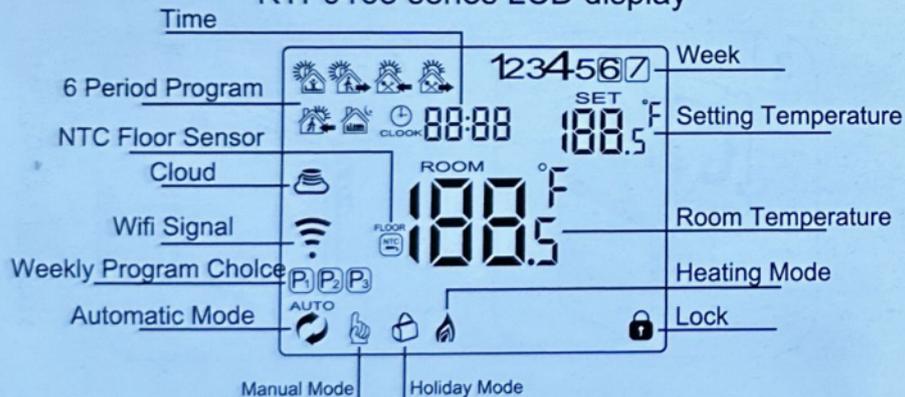


Display

KTF0155 series LCD display



KTF0163 series LCD display



WIFI CONNECTION

Step 1: Phone connect to 2.4Ghz WiFi. scan the QR code or download "Smart life" or Tuya in APP store.



Step 2: Register account in APP.

Step 3: Click "Add Device" or "+" (Fig1). Click "Small home Appliance" ->"Thermostat wifi"(Fig2) Fill in the WiFi password and Click "Next"(Fig3).



Fig1



Fig2



Fig3

Step 4: Press and hold **SET** and **OK** at the same time for several seconds until  blinking fast together (Fig4).

Step 5: Click "Blink Quickly" (Fig 5).The App will search and connect with thermostat (Fig6).

Step 6: Open control panel to adjust settings (Fig10 Fig11).

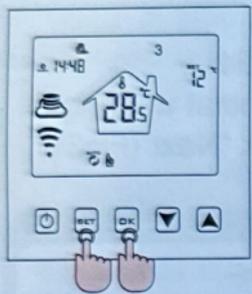


Fig4

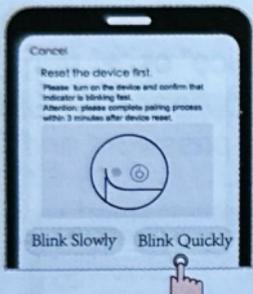


Fig5



Fig6

If fail to connect APP. Try following way:

Step ①: In step 5(Fig5) ,Click "Blink Slowly"(Fig7).

Step ②: Press and hold **SET** and **OK** at the same time until  blinking fast (Fig4).

Step ③: On the APP click "Reconnect"(Fig8) to connect phone to hotspot"SmartLife-xxxx"(Fig9).

Step ④: Return to the APP (Fig8) and continue adding device automatically.(Fig10 Fig11)

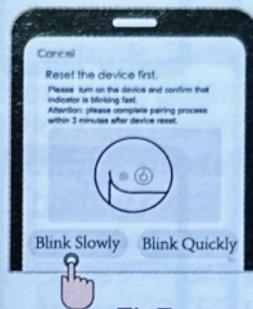


Fig7



Fig8



Fig9

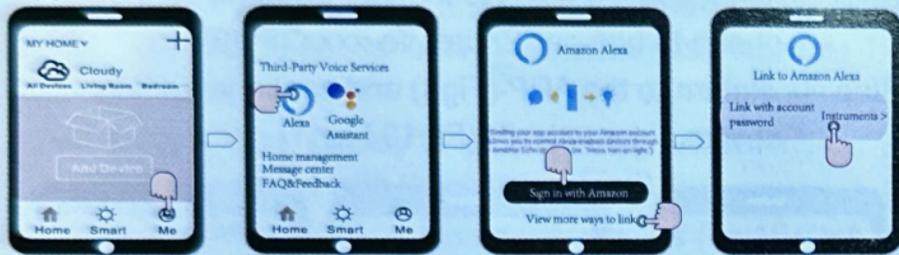


Fig10

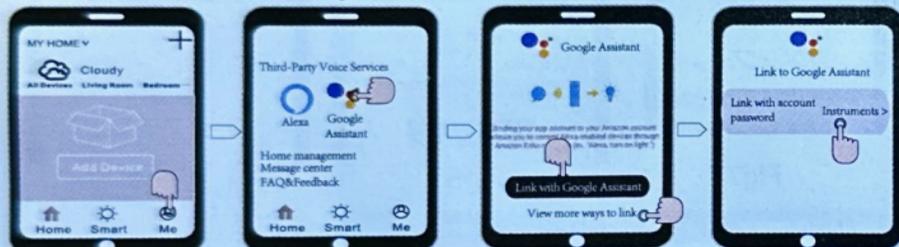


Fig11

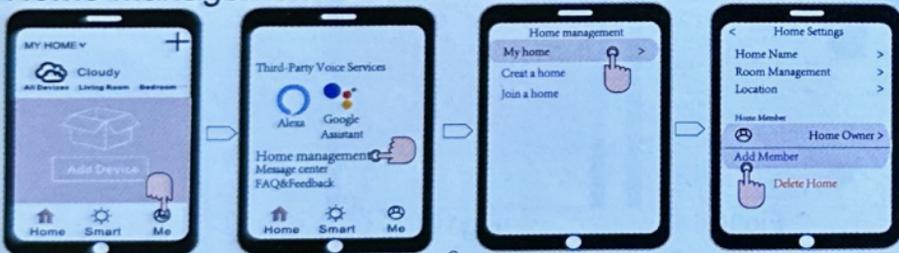
App Connect to Amazon Alexa:



App Connect to Google Assistant:



Home Management: add member to share thermostat



TOUCH KEY FUNCTIONS - BASIC SETTING

Set time and week

Press **OK** to choose hour minute and week. Press **▼** or **▲** to adjust each value.

Set the temperature: In normal status . Press **▼** or **▲** to adjust setting temperature.

Key-lock: Setting Key-lock can prevent children from changing thermostat parameters. In normal status, press **▼** for 3 seconds to lock the thermostat. Press for 3 seconds to unlock.

Holiday mode

In holiday mode, the KTF0155 KTF0163 will maintain the preset temperature until the holiday end.

1. Press **OK** for 3 seconds to enter into holiday mode setting. Appear "OFF", Press **▼** or **▲** change to ON.
2. Press **OK**, holiday days flashing. Press **▼** or **▲** to select holiday days.
3. Press **OK**, holiday temperature flashing. Press **▼** or **▲** to select holiday temperature.
4. Press **OK** to save.  display.

Note: Press **SET** to exit holiday mode.

Window Ventilation mode

When sensor detects the indoor temperature drops to threshold sharply, the valve will be closed for 10-20 minutes.

Once the time is up, it will immediately return to the original operation Mode.the valve will be fully opened to achieve rapid temperature rise. If the temperature still less than the thresholds, the actuator will continue to run in ventilation mode. Note:This mode is closed in default.you can open this mode in advance setting AC

PROGRAMMABLE SETTING

KTF0155 KTF0163 use weekly circulation digital programming mode.7 days as a circulation.6 times period in each day. There are 5+2(default), 6+1 and 7days three program types. When choose 5+2 program type,the parameters are the same from Monday to Friday and the same from Saturday to Sunday.

1. Long press **SET** for 3 seconds to enter programming setting.
2. The screen shows first time period of Monday - Friday.
Press **SET** to choose: hour,minute and temperature. Press **▼** or **▲** to adjust each data.
3. Press **SET** to go into next time period and set data one by one.
4. After finish setting, wait 10 seconds to save and exist.

Wake up	Out door	Back home	Out door	Back home	Sleep
6:00 20°C	8:00 15°C	11:30 15°C	13:30 15°C	17:00 15°C	22:00 15°C

6 time period parameter table (initial value)

TOUCH KEY FUNDTION - ADVANCED SETTING

Notice: normally set by technicians during initial installation. Turn off thermostat, long press **SET** for 3 seconds to access A advanced setting. Press **SET** to choose from A1 to AE. adjust data by **▼** or **▲**. Press **SET** to switch next option.Wait 10 seconds to auto save and exist.

no	Name	Ranges	Default
A1	Temperature Calibration	-9 ~+9°C	0°C
A2	Internal sensor return difference	0.5-2.5°C	0°C
A3	Children lock	0:half lock 1:full lock	0
A4	Device state On Power	0: Keep State (Power with memory function) 1: Device Close when power on 2: Device Open when power off	0
A5	Backlight time	5-30 seconds	10
A6	Weekly Program Type	0: 5+2 1: 6+1 2: 7	0: 5+2
A7	Min Setting temperature limit	1-10°C	5°C
A8	Max Setting temperature limit	20-70°C	35°C
A9	LowTemp Protection (External sensor)	1. Setting range 1-10°C 2. Set exceed 10°C, display [-] to close protection	5°C

AA	HighTemp Protection (External sensor)	1. Setting range 35°C - 70°C 2. Set below 35°C, screen display [-] to close protection	45°C
Ab	HighTemp Protection return difference	1-9°C External sensor limit temperature control return difference	2°C
AC	Window ventilation mode	display --- ---, Press ▲ to set temperature: 10 - 20°C	--- ---
Ad	ventilation mode Working time	10-20minutes	10
AE	Restore factory setting	Display A o, press and hold OK until it reset	

Press **○** to turn off thermostat, long press **OK** for 3 seconds to access B advanced setting.

bN	Sensor selection	N1:Internal sensor (HighTemp Protection close) N2:External sensor (High Temp Protection close) N3:Internal + External sensor	N1
bC	Descaling function	0:Close 1:Open(valve will be opened for 3 minutes every 100 hours)	0
bo	Product information	No function	

Return difference : The default external sensor hightemp protection value is 45°C. The default external sensor return difference is 2. When external sensor temperature > 45°C, the relay stop working and high temperature protection alarm. When external sensor temperature decline to 43°C, the relay continue to work and stop the alarm.

Fault Code: E1 = Internal sensor short-circuit or disconnected.
E2 = External sensor short-circuit or disconnected.

○	Turn ON/OFF: Short press to turn on/ turn off
SET	1. Short press SET to switch automatic mode and manual mode 2. Turn on thermostat, long press SET for 3 seconds to enter into programmable setting 3. Turn off thermostat, long press SET for 3 seconds to enter into A advanced setting
OK	1. Short press OK to set time and week 2. Turn on thermostat, long press OK for 3 seconds to enter into holiday mode setting. 3. Turn off thermostat, long press OK for 3 seconds to enter into B advanced setting
▼	1. Decrease key 2. Long press to lock /unlock
▲	1. Increase key 2. Long press to inquire external sensor temperature

Tips: The way to change the settings on the product may be cumbersome. It is much easier to use APP only. You can choose any way to use.

Warranty

Ketotek warrants this product for one years from the date of purchase by the consumer. If the product is defective, please either,

(i) return it or (ii) contact Ketotek. We will determine whether the product should be returned or replaced.

Contact Us

www.cnketotek.com Email: info@cnketotek.com