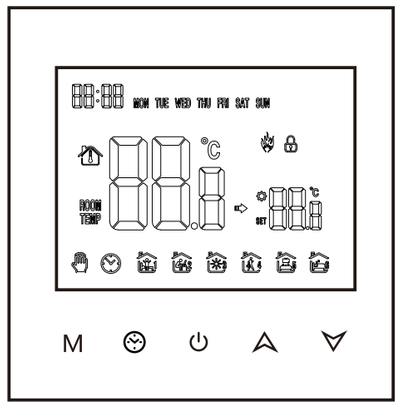
WT-100 Series Thermostat User Guide



This thermostat is used for water heating, electric heating, or gas boiler.

Welcome

Thank you for your trust and support!
We have adopted advanced technology and perfect craftsmanship so that your new thermostat will provide you with a suitable temperature environment every day in the future. It makes your life more pleasant and artistic and making your living environment more fashionable aesthetic.

For detailed instructions on installing and using this thermostat, please read this manual carefully.
Please get in touch with a professional to install the thermostat for you. Besides, please install and use this product within the scope of the law.

Application

The intelligent digital humidity controller is a floor heating system suitable for room temperature control and household temperature control. It controls the operating status of the floor heating equipment by sensing the comparison between the ambient temperature and the set temperature. While improving comfort, it achieves the purpose of energy saving.

The digital thermostat adopts microcomputer control technology and has an elegant design, and is easy to use. Moreover, it has manual and automatic functions, programmable functions, and state memory functions.

Product packaging

Thermostat host 1 PCS
Certificate of conformity 2PCS
Sensing line (optional) 1PCS
Guide/manual 1PGS
screw 1PC

Product parameters

GA: Water heating 3A;
GB: Electric heating 16A
GC: Linkage; M:Gas boiler 3A

Electrical Specifications:

1.Temperature Sensor :NTC
2.Temperature accuracy :±1°C
3. Display screen:LCD
4.Working environment:-5-50°C
5.Self-consumption power:<1W
6.Temperature setting :5~60° C
7.Display range: 0-51°C
8.Load current: water heater 3A (resistive) electricheater 16A (resistive) 02
9.Voltage :AC95-220V,50/60Hz
10.Electrical safety standards:GB14536.1-2008

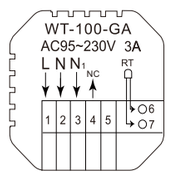
User Instructions

1. Read this manual carefully. A general operation may damage the product or cause a dangerous situation.

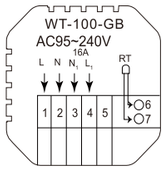
2. The installation personnel must be well-trained and experienced service technicians.

3. After the installation is complete, please close this manual carefully and operate this product following the user guide. Note: There is a risk of electric shock or equipment damage.

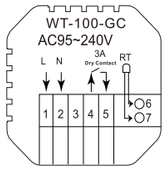
Wiring Diagram



GA : Water heating

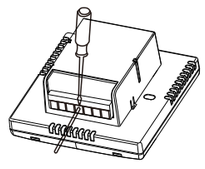


GB: Electric heating

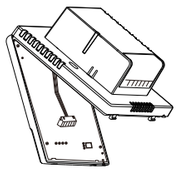


GC: Gas boiler heating

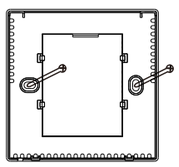
Mounting steps



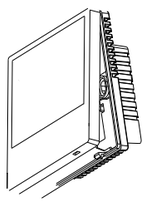
1. Connect the power box according to the wiring diagram



2. Separate the power supply from the control board cable

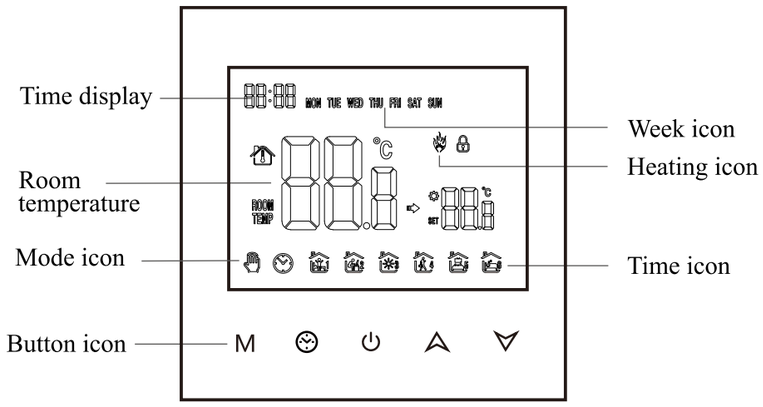


3.Screw the power supply into the box of 86



4. Connect the power board to the control board line , and align the buckle at 30 degrees to complete the installation.

Icon description



Operation Guide

1. Power on/off: press the ⏻ key to turn on/off the thermostat.

2. Press the M key to switch between manual and automatic modes.

3. In the automatic mode, press the ∧ key or ∨ key to adjust the temperature, and it will enter the automatic mode, which only runs for a while.

4. Press the ⏲ key to enter the clock setting, press the mode key M to switch the setting options, and press the up and down keys to adjust each parameter value.

5. Simultaneously press and hold the up and down keys for 5 seconds to add or cancel the child lock.

Time programming instructions

Long press the M key to enter the programming setting, short press the M key to switch options, press the up or down key to adjust the parameters of each option, and press the ⏻ key to exit and save mode.

key	Options		Icon	Time	Time Adjustment	Defaults	Temperature adjustment
⏲	Working days	1		06:00	∧	20℃	∧
		2		08:00		16℃	
		3		11:30		16℃	
		4		12:30		16℃	
		5		17:00		22℃	
		6		22:00	∨	16℃	∨
	Holidays	1		08:00		22℃	
		2		23:00		16℃	

Advanced Option Setting

In the shutdown state, press the M key and ⏲ key. Press for 5 seconds to enter the advanced option setting

Press the M key to enter thenext option, then press the up and down key to adjust options , and press the ⏻ key to exit the advanced option setting mode.

01	Temperature compensation	The default value of the calibration room temperature is -2 degrees Celsius. Press the up or down key to adjust the range from 9.9° C to -9.9° C.
02	Sensor selection	The temperature sensorselection defaults to IN. Press the up key or the down key to adjust it respectively as IN internal sensor selection. ALL means all internal sensors are selected; OUT means external sensors are set.
03	Limit temperature value modification	The limit temperature value is 35℃ by default. Press the up or down key to adjust the range from 5℃ to 60℃.
04	Temperature difference setting	The default setting temperature difference start is 1℃; press the up or down key to adjust the range from 0.5℃ to 10℃.
05	Antifreeze function	Set the antifreeze function as OFF by default; press the up key to turn on the antifreeze function.
06	Rest day selection and closing week programming	The default setting of rest days is double rest; press the up or down key respectively to be double rest (1-5), single-day rest (1-6), and no rest (1-7).
07	Main and auxili reverse selection (optional)	Set the main and auxiliary reverse to 0 by default. Press the up or down key to adjust 0 to turn o ffthe main and additional reverse function, and 02 to indicate the auxiliary reverse.
08	Passive linkage output delay time (optional)	Set the passive linkage delay time as 0 by default. Press the up or down key to adjust the range of 0-5 minutes.
09	Set temperature upper limit	Set the upper limit of the temperature to 60°C; press the up or down key to adjust the range from 35°C to 95°C.
10	Reset	Set to restore factory settings The default display is "-," press the up key to display "---," and then press the enter key to restore the factory settings.