T5100 is modern design flush-mounting thermostat equipment with large stylish TN screen. It is used for electric, water, boiler heating. Carefully study this manual and make sure it is installed by qualified electrician.

Parameter

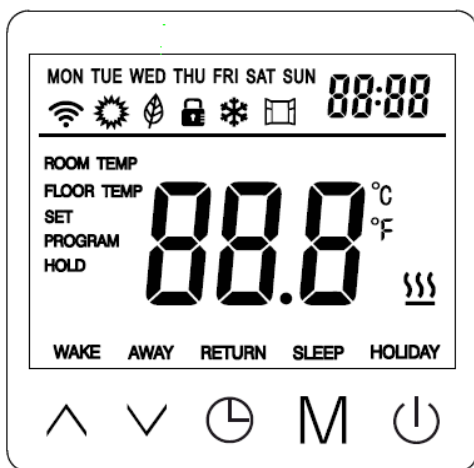Voltage: 220V/230V

Power consumption: 1W

Setting range: 5-40°C

Temp deviation: 0.5,1,2,3

Protective range: IP21

Material: Anti-flammable ABS

Application: Built-in sensor, floor sensor

Symbols display

☀ Comfort mode		⊘ Eco Mode	
PROGRAM Program mode		**HOLD** Temporary mode	
HOLIDAY Holiday Mode		**WAKE AWAY** Period	
88:88 Time		MON TUE WED THU FRI SAT SUN Days	
88.8 Temperature		**ROOM TEMP** Room temperature	
SET Set temperature		**FLOOR TEMP** Floor temperature	
🔒 Lock	⊡ Open Window	❄ Anti-freeze	∭ Heat
M Mode	⏱ Clock	⏻ On/off	⋀ Up ⋁ Down	⤢ WIFI

Operation

1. On/OFF: press ⏻ key to turn on, press again to off

2. Lock: on main screen, press ⋀ key 3 second to lock, press 3 second again to unlock

3. Floor temperature check: on main screen, Press ⋁ 3 second to check floor temperature at air sensor mode

4. Mode: on main screen, press M key to choose mode program-comfort-eco-holiday mode

At Comfort mode: press ⋀ or ⋁ to set temperature, need not to confirm, thermostats will always operate under set-temperature. Default 23°C, max 35°C

At eco mode: press ⋀ or ⋁ to set temperature, need not to confirm,

thermostats will always operate under set-temperature. Default 18°C, max 35°C

At program mode: thermostat will operate under standard program indicated in settings F2.

Temporary mode: at program mode, press ⋀ or ⋁ to set temperature, thermostats enter into temporary mode, thermostats will operate under set-temperature until next heating period.

At holiday mode: press ⋀ or ⋁ to set temperature, need not to confirm, thermostats will operate under set-temperature according to days set in advanced setting F4. Default 10°C, max 20°C.

4. Date and time: press ⏱ to go to week and time screen. Use ⋀ and ⋁ to select value, use M to confirm.

Setting

Press ⏻ for to turn off thermostat, press M to go F1. use ⋀ and ⋁ to select F1, F2, F3, F4, F5.

Item	Setting	Explanation
F1	Date,Time setting	Modify date, time
F2	Program	Modify time, temperature of 4 program period
F3	Read operation time	Read working time per day, month, year
F4	Advanced setting	Modify advanced setting
F5	WIFI connection	000: No reset 001: Reset and WIFI in EZ mode 002: Reset and WIFI in Ap mode

F1: Date, Time Setting

Select F1, press M to enter, press ⋀ or ⋁ to set day, hour, min, press M to confirm. After finish setting, press to leave or thermostats will go back main screen 5 second late.

F2: Program

Select F2, press M to enter, press ⋀ or ⋁ to select day and program period, press M to enter, use ⋀ or ⋁ to set time and temperature, use ⏻ to exit or thermostats will go back main screen 5 second late.

Standard program:

DAY	🏠1	🏠2	🏠3	🏠4
Mon-Fri	WAKE 06:00 20°C	LEAVE 08:30 15°C	BACK 17:00 20°C	SLEEP 23:00 15°C
Sat-Sun	WAKE 06:00 20°C	LEAVE 08:30 20°C	BACK 17:00 20°C	SLEEP 23:00 15°C

F3: Read operated time

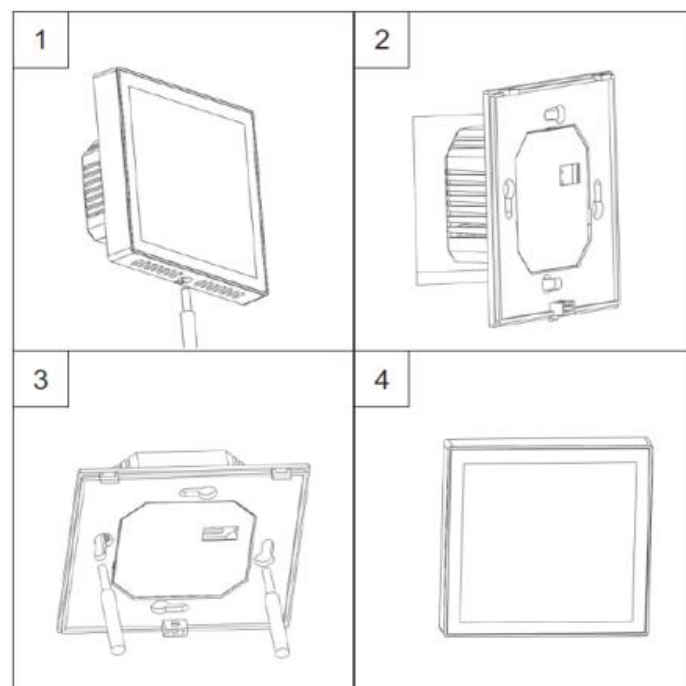Select F3, press M to enter, press ⋀ or ⋁ to see operation time per day,month,year.

Eg: 10:17 03 mean thermostat totally operate 3 days 10hours 17mins. Press M to leave.

F4: Advanced setting

Note: Menu here should be modified by installer or qualified people.

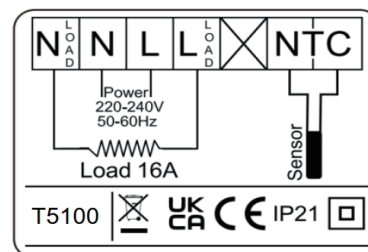Select F4, press M to enter, Use M to select item, Use ⋀ or ⋁ to modify value. press ⏻ to leave.

Item	Default Value	Range
01: Sensor Selection	01	01: Built-in& floor limit 02: built-in sensor 03: Floor sensor
02: Room temperature calibration	0℃	-5℃~5℃
03: Floor temperature calibration	0℃	-5℃~5℃
04: Floor. Limit	35℃	5℃~60℃
05: Schedule	5-1-1	5-1-1/7
06: Adaptive start	OFF	ON/OFF
07: Adaptive start time	20mins	0-40mins
08: Open window	OFF	ON/OFF
09: Sensor type	10K	3K/5K/6.8K/10K/12K 15K/20K/22K/33K/47K
10: Anti-freeze function	OFF	ON/OFF
11: Holiday time	1 day	1-99 days
12: Temp deviation	1℃	0.5℃,1℃,2℃,3℃
13: Display Precision	0.5℃	0.5℃,0.1℃
14: Operation step	0.5℃	0.5℃,0.1℃,1℃
15: Reset	No	No/Yes
16: Display when thermostat OFF	02	01: Show OFF 02: Show Temperature 03: Nothing
17: Temperature unit	℃	℃/℉
18: Thermostat state at power-on (after power-off)	01	01: Same to state before power off 02: Turn off thermostat 03: Turn on thermostat & work with mode before power drop

F5: WIFI connection-not available for non-wifi thermostat.

Mounting Steps:

Wiring Diagram:

Note: the thermostats should be only applied full load 3200W in 2500m height above sea level