

Weekly circulation digital programming thermostat with LCD touch screen, which has 6-event everyday. Manual mode and programme mode could be selected. The thermostat is recommended for control of electric heating devices or on/off valve actuator used in hydronic floor heating.

**Parameter:**

- Voltage: 220V/230V
- Current: MAX: 16A
- Power consumption: 2W
- Setting range: 5~35°C (can adjust to 30~60°C)
- Limitation setting: 5~60°C  
(Factory setting: 35°C)
- Switch differential: 0.5-10°C adjustable factory setting 1°C
- Ambient temperature: -5~50°C
- Protective housing: IP20
- Housing material: anti-flammable PC

**User operation:**

- 1) On/Off. "O"
- 2) At clock-controlled programme mode, press "▲" or "▼" enter to temporary control.
- 3) UP "▲", DOWN "▼" to adjust the temperature value.
- 4) Press clock "⌚" key for 5 seconds, then enter to clock set, choose modified item by pressing clock "⌚", press UP/DOWN "▲▼" to modify the date and clock, then switch off to quit.
- 5) Press menu "M" to choose manual mode or programme mode.

**Function:**

- On/Off
- Set the daytime
- Wake-up, event 1
- Leave(am), event 2
- Return(am), event 3
- Leave(pm), event 4
- Return(pm), event 5
- Sleep, event 6
- Manual mode
- Clock-controlled programme mode
- Heating on

**Programming:**

When Power is off, press "M" for 3 seconds to enter Time periods mode. Press "M" to select starting time or set temperature of each period.

Press Menu key for 5 seconds to start programming

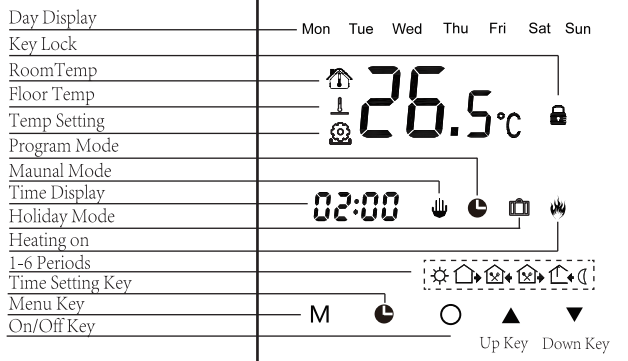
Key	Event	Symbol	Time	Modify	Temp.	Modify
 	Day 1-5	1	06: 00	▲ ▼	20°C	▲ ▼
		2	08: 00		15°C	
		3	11: 30		15°C	
		4	12: 30		15°C	
		5	17: 00		22°C	
		6	22: 00		15°C	
	Day 6-7	1	08: 00	Event Time	22°C	Temp.
		2	23: 00		15°C	

**Note:**

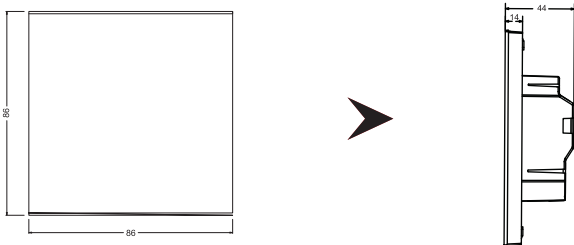
- 1) The pre-programmed setpoint (15°C) for event 3&4 is the same as event 2, please reset it according to your individual requirement.
- 2) Symbol "OFF" will be displayed if the setpoint reaches the minimum set value and the thermostat is switch off in this event.

No.	Description	Default	Range
00	Room temperature calibration	00	-10~10°C
01	Floor temperature calibration	00	-10~10°C
02	Sensor mode	00	00: built-in sensor 01: floor sensor 02: both sensors
03	Max temperature setting	35°C	30~60°C
04	Min temperature setting	5°C	5~15°C
05	Accuracy	1°C	0~10°C
06	Start anti-frozen function in power off	00	00: yes 01: no
07	Set day off mode	00	00: 5/2 day mode 01: 6/1 day mode 02: 7 day mode
08	Delay time of output	00	0~10s
09	Floor limitation setting	35°C	5~60°C
10	Holiday temperature setting	10°C	5~20°C
11	Temperature unit	00	00: °C 01: °F
12	Reset to factory setting	00	00: no 01: reset

**Display symbols**



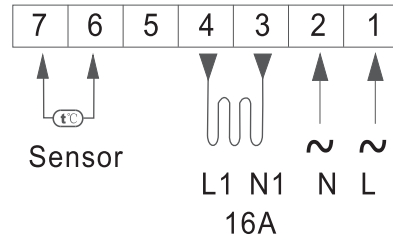
**Dimension:mm**



**Connecting Diagram**

Attention:

The thermostat which connect the electric heating device is apply to full load(3200W) heating cable in 2500m height above sea level, and the rated power of external load should be less than or equal to 80%rated power thermostat when in the 2500m to 4200m height.



**Sensor failure**

E1: Built-in sensor short-circuited or disconnected.  
 E2: External sensor short-circuited or disconnected.  
 When shows E1/E2 error, thermostat must be checked till the error is eliminated.

**Installation Advice**

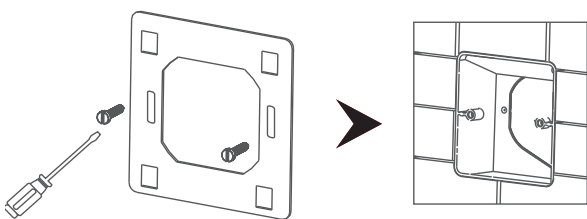
All thermostats shall be installed by a fully qualified electrician.

To avoid electrical shock to prevent damage to the thermostat disconnect the power supply before beginning work.

Electrical wiring regulations prohibit the thermostats from being installed in bathrooms; if using the thermostat in a bathroom install thermostat on an internal wall outside the bathroom as close to mating power supply cables as possible.

**IMPORTANT DO NOT SWITCH ON THE SYSTEM BEFORE THE SUBSTRATE (e.g. CONCRETE) AND FLOOR COVERING (e.g. THE ADHESIVE) ARE COMPLETELY DRY TO AVOID CRACKING.**

1 mounted the backing plate in the wall socket lay .



2 After connect wires see right diagram

