Timer and temperature controller TC-100

Instructions:

TC-100 is a new one of developed timer and temperature controller series products which are applied to aquarium and reptile market.

One channel for temperature controlling,

One channel for timer controlling.

Main Function:

1. Big LCD display, friendly interface, easy to read, operates, and set the parameters.

2. Using real-time clock to control the light, simulating the day and night as real environment.

3. Small and elegant appearance, can adopt attached on the glass, or stand on the table, or install into the aquarium and terrarium, fit for different operating requirements of users.

Main Functions and Parameters:

- ◆Controlling range: 0~50°C   ◆Measuring range: 0~50°C
- ◆Resolution: 0.1°C   ◆Accuracy: ±1°C
- ◆Temperature difference: 1°C   ◆Over heat alarm: 1-5°C
- ◆Time unit: hour in 24:00 format   ◆Relay Capacity: 7A/220V
- ◆Product consumption: ≤3W
- ◆ Control load: ≤1200W/220VAC
- ◆ Input voltage: 220V±15%(VAC),50HZ~60HZ

Buttons and Symbol:

Buttons:

∧: Upward;   ∨: Downward;   SET: Setup;

Symbol:

❄ Icon flashing: Cooling output;   ♨ Icon flashing: Heating output;

☀ Icon flashing: The light is on;

♨ Upper aqueous vapour of icon rapid flashing: Alarm status over temperature

☼ & ☾ Icon flashing: Daytime from 6:00am to 18:00pm, the rest is Nighttime

Menu Instructions:

Menu item	Set	Default value	Remark
HEAT/COOL (MODE)	COOL /HEAT	HEAT	
Temperature (SET)	0~50°C	25°C	
Temperature difference (DL)	0~10	3°C	
Alarm status over temperature	0~5	5	
Timing control FROM: timing starting time, OFF: timing ending time	Timing range: 00:00~24:00	18:30~7:30	Disabled if FROM and TO are same
Real Timer	00:00~24:00	Real-time	