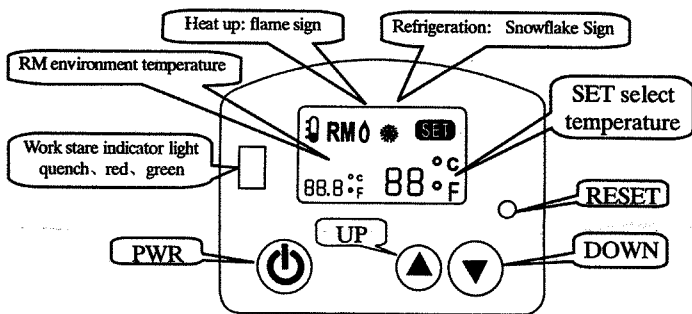# TH-810T Temperature Controller manual

TEMPERATURE CONTROLLER.

Before using your Controller, please read the following instructions carefully. This quality product has been tested and UL/CUL listed.

FEATURES:

1 · Temperature control ranges: 5℃ (40℉) ~30℃ (85℉)。

2 · Press PWR and UP button simultaneously 3Seconds, perform heat and cooling conversion.

3. Press UP and DOWN button simultaneously 3Seconds, perform ℃ and ℉ conversion.

4 · Default statues :

4.1 After reset, RM appearance is environment temperature ,and the default temperature of "SET" is 20℃.

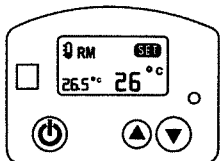4.2 The default of "SET" is 20℃ under low battery state and flash display "LO" (cell can be chargeable battery).

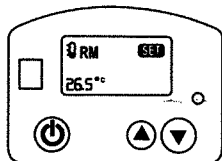

5. Setting:

5.1 Control switch

setting "SET" blank by pressing "PWR" , see figure 5-2, work state indicator light turn off; And output turu off. Press "PWR" again, "SET" temperature display as figure 5-1, work state indicator light display red, output turn off.

Note: Battery don't power supply indicator light

Bi-color indicator light: Leg1# Red positive pole, leg2# Common negative pole, leg3# Green positive pole
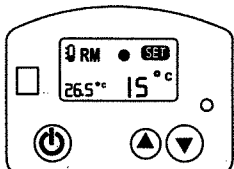

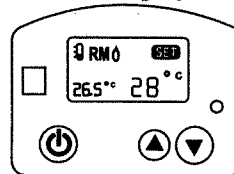〈figure5-1〉   〈figure5-2〉

5.2 Temperature setting:

5.2.1、Cooling:

A. Press "UP" or "DOWN" repeatedly, set "SET" temperature lower 2℃ or more than "RM" temperature. See figure5-3, LCD display snowflake sign after 1-3min, LED display green, output turn on.

B. When "RM" temperature reach "SET" temperature, LED turn to red and snowflake disappear, output turn off.

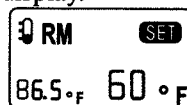C. When "SET" temperature is higher than "RM" temperature, LED display red and output turn off.

〈 figure5-3〉

5.2.2. Heat up :

A. Press "UP" or "DOWN" repeatedly; set "SET" temperature higher 2℃ or more than "RM" temperature, see figure5-4, LCD appear flame sign after 1-3min, LED display green, output turn on.

B. When "RM" temperature reach "SET" default ,LED turn to red; Flame sign disappear and output turn off.

C. When "SET" default temperature is lower than "RM" temperature, LED display red and output turn off.

〈figure5-4〉

5.3 The setting of Celsius and Fahrenheit is same follow figure show Fahrenheit display.

General Specification

1. TH-810T operating voltage: 230V AC/ 50HZ;
2. Load (max):
   16A   3680W   –   Resistive load;
   2A   460W   –   Inductive load.
3. Operating Temperature: -10° C ~ 70° C.
4. Temperature measuring function:
   Temperature measuring ranges: 5° C(40° F)~30° C(85° F);
   Precision:±1° C;
   Measuring period: 10 S.

IMPORTANT SAFETY PRECAUTIONS

Do not use on an extension lead.

Do not plug this timer into another time switch.

Do not plug any device performing mechanical movement directly into the timer.

Fan or other appliances with exposed elements should not be left unattended, and it is recommended that these types of appliances are not connected timers.

Do not insert needles or any other metal objects into mains outlet.

Avoid moisture, extreme temperatures, shock and vibration.

Used indoors only and do not be exposed in sunshine.

Recommended ambient temperature is 10 degree ° C to 40 degree ° C

Do not open the timer. Repaired must be performed by authorized setvice personnel only.

To clean casing and display use a soft cloth. Do not use chemical or scouring agents. Do not submerge in water.

Keep device out of the reach of children.