

T210 - Digital Room Thermostat



1、General

Room proportional thermostat with output of 0-10vdc and or 2-10vdc (option). Each series of the proportional thermostat is using 3950Ω inner and or 3435Ω external integrated temperature sensor (option)

2、Specifications

Set-point range:	7-120°C	Power supply:	50Hz AC24V
Accuracy:	±1°C	Dimension:	86×86×13
Loading Current:	1A	Installation size:	60 (Standard)
Power consumption:	<1.5W	Display:	LCD

3、Button Instruction

- (1) : Power ON/OFF button
- (2) : Mode: order heating and cooling changeover
- (3) : Function: SLEEP mode button, for each pressing button; first is to set the time, second is for turn on timer, third is for turn off timer and fourth is for return display condition
- (4) ▲: UP for increase the set-point of the temperature or changes on the other function
- (5) ▼: DOWN for decrease the set-point of the temperature or changes on the other function

4、Operation Instruction

- (1) For setting the temperature
 - “▲”UP for increase
 - “▼”DOWN for decrease
- (2) COOL/HEAT settings
 - “” Press MODE button to choose COOL/HEAT mode
- (3) SLEEP function settings
 - “” Press the FUNCTION button until the SLEEP character shown on the LCD

display, then press “▲” to confirm and “▼” to cancel

(4) Timer ON/OFF settings(optional)

Setting to turn on timer: Press the Function button until timer ON shown on the LCD display. “▲” or “▼” button for changes. After make the changes, leave it for 5 seconds and it will be automatically confirmed

Setting to turn off timer: Press the Function button until timer OFF shown on the LCD display. “▲” or “▼” button for changes. After make the changes, leave it for 5 seconds and it will be automatically confirmed

(5) Time setting

“⊗” Press the Function button until change to time setting state shown on the LCD display. “▲” or “▼” button for changes. After make the changes, leave it for 5 seconds and it will be automatically confirmed

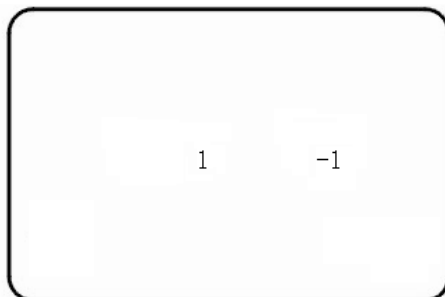
5. Turn-on automatically after the power back (optional)

While the system is in process, and the power cut off suddenly, it will memorize all the existent data and run according to previous data after the power back, as well as the Fan Speed and Mode.

The function is popular at Hotel, Power house etc.

6、Room temperature value adjustment

In the first installation of thermostat due to difference environment and conditions, user may need to adjust on the current room temperature or make correction or compensation to the system. Therefore, please follow on how to make temperature compensation on the thermostat below:



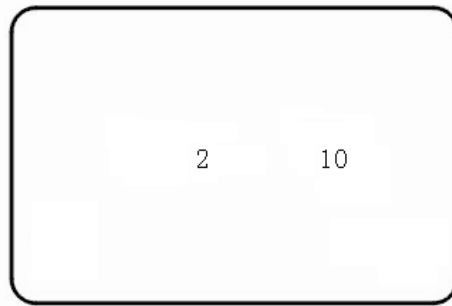
At power off state, press keys of Mode and Fan Speed at the same time for 3 seconds, and then press MODE button once to Setting 1(shown as the left number on the display).

“▲”UP for increase the temperature compensation

“▼”DOWN for decrease the temperature compensation

Temperature compensation settings range are from -9°C~9°C(the best operation is at -1°C)

7、 “P”, Proportional settings



At power off state, press keys of Mode and Fan Speed at the same time for 3 seconds, and then press MODE button twice to Setting 2(shown as the left number on the display).

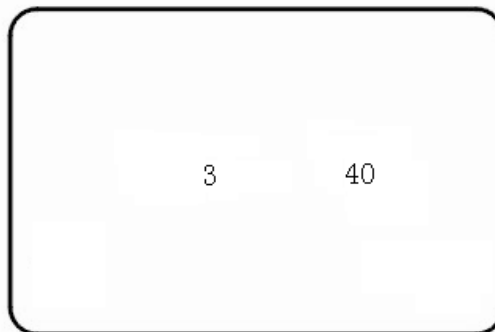
“▲”UP to increase the proportional temperature

“▼”DOWN to decrease the proportional temperature

Selection of Proportional temperature available are; 4°C、6°C、8°C、10°C(the best operation is at 10°C)

(After make adjustment on “I”, when the thermostat is at power on state, everything will be automatically set)

8、“I”, Integrated time settings



At power off state, press keys of Mode and Fan Speed at the same time for 3 seconds, and then press MODE button thrice to Setting 3(shown as the left number on the display).

“▲”UP to increase the timing

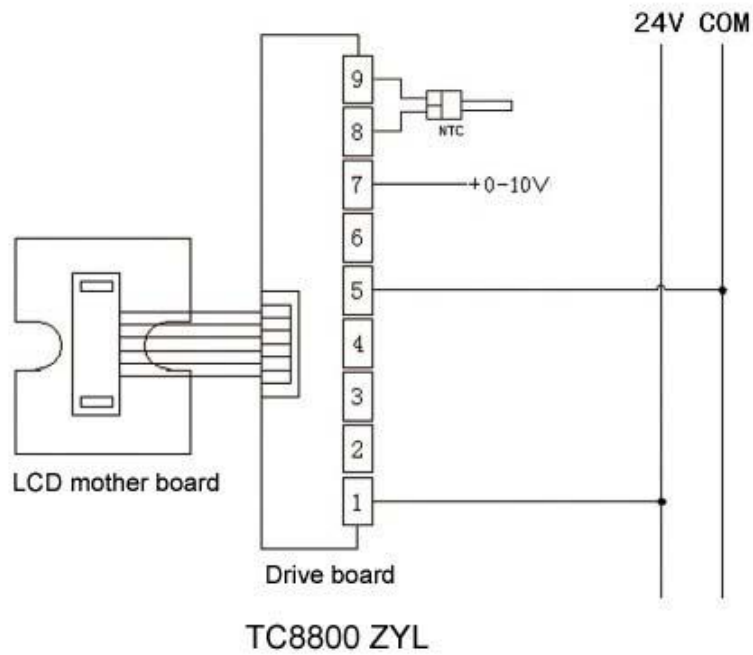
“▼”DOWN to decrease the timing

Integrate time can be select from 1 to 59 seconds (the best operation is at 40 seconds)

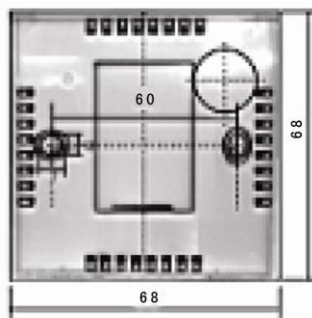
(After make adjustment on “I”, when the thermostat is at power on state, everything will be automatically set)

Using inner integrated NTC temperature sensor with no time function.

9、Wiring Diagram



10、Installation



Size: 86X86X13mm



Size: 61X61X39mm

NOTIFICATION: For installation, please make sure to follow the wiring diagram, water leak from wall and others which may be entering inner thermostat product will cause damage to the product.