Product description

RT226-TC series proportional integral thermometer adopts the most advanced microcomputer control chip in the world. The NTC sensor inside (external) of the thermostat detects the ambient temperature and compares it with the temperature set by the user in real time to control the angle actuator or valve And other equipment to adjust the amount of water valve opening, in order to achieve the effect of air conditioning control water flow constant temperature.

RT226-TC proportional integral intelligent temperature controller can be divided into four minutes, six minutes, eight minutes of motor process (settable)

Technical index

Self power consumption: <1.5 w
Temperature control range: 5 ℃ ~ 120 ℃
Load current: <1A
Timing error: <1%
Temperature control accuracy: ± 1 ℃
Overall dimensions: 86mm x 86mm x 13mm (height x width x thickness)

 : On key, press this key to select the system on or off status

 : Mode key, press this key to enter cooling and heating mode settings

 : Menu key, press this key to enter sleep function selection--clock setting--timed startup setting--timed shutdown setting--return to the original state

 : Set the temperature increase key or adjust the working mode set value

 : Set the temperature drop button or adjust the working mode set value

Menu function operation flow

1. Adjustment of set temperature

Press "▲" temperature plus   Press "▼" temperature minus

2. Key lock setting

 Key lock status, press "▲" "▼" keys simultaneously for more than 5s to lock the panel, and then press more than 5s to unlock

3. Cooling, heating and ventilation settings

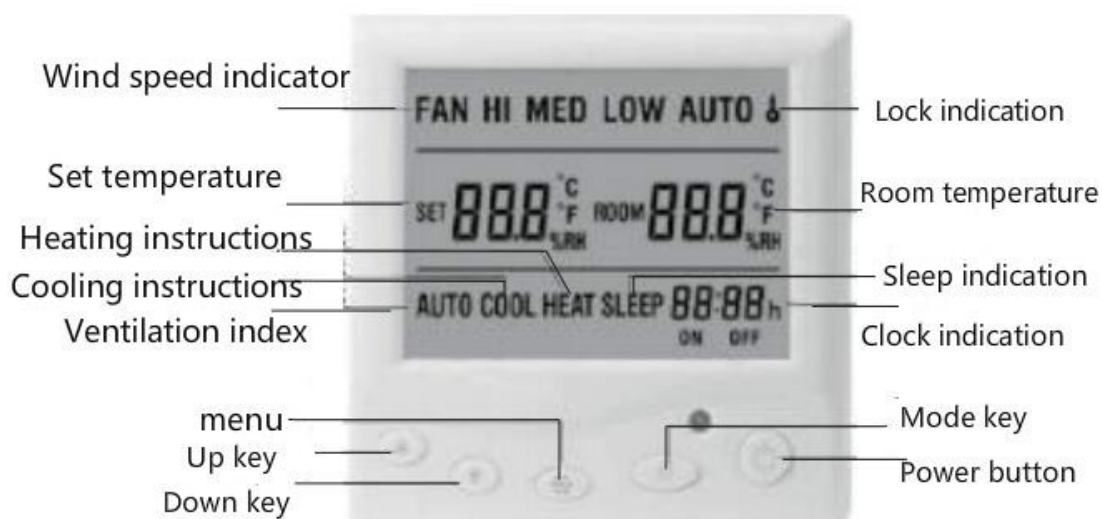Press **M** key to switch between cooling and heating status

4.Clock setting (optional)

Press and hold the "⊗" key for 3s to switch to time adjustment. Press "▲" to set time

Press "▼" to set the time down. After adjustment, automatic confirmation after 5s

5. Timing startup settings

Press "⊗" key to switch to timing switch. Press "▲" to set the time up and press "▼" to set the time down. After adjustment, it will be confirmed automatically in 5s

Wind speed indicator — FAN HI MED LOW AUTO — Lock indication

Set temperature — SET 888℃ ROOM 888℃ — Room temperature

Heating instructions

Cooling instructions — AUTO COOL HEAT SLEEP 88:88h — Sleep indication

Ventilation index — ON OFF — Clock indication

menu

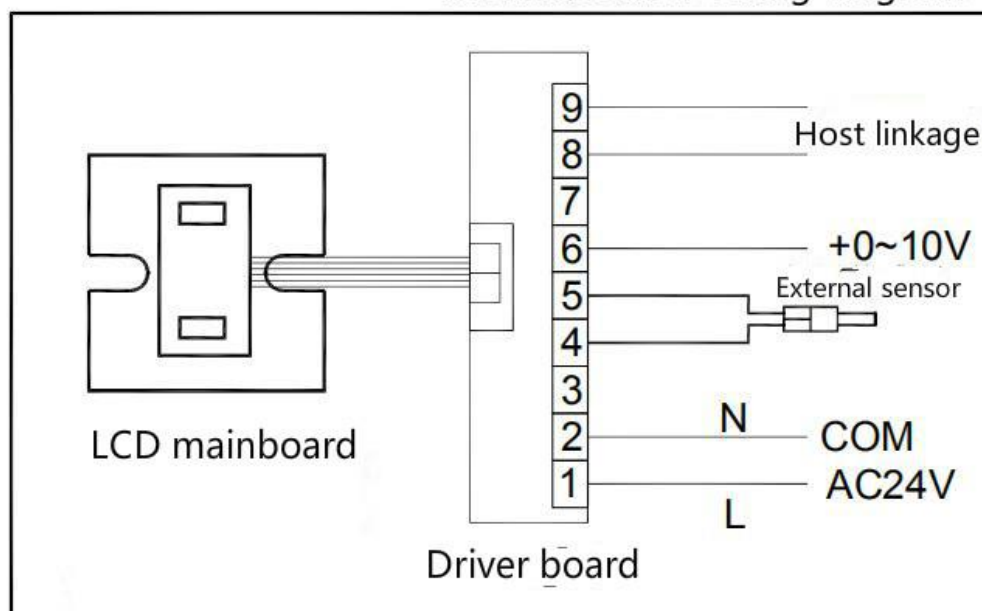Up key — Mode key

Down key — Power button

Advanced options

Hold the **M** and "⊗" keys for more than 3s in the off state to enter the advanced option setting mode, which can correct the temperature, set the p value (proportion value) and I value (integral value). After entering the mode, press the **M** key to switch Various options, automatic confirmation after turning on after adjustment.

Display symbol	Option content	"▲" or "▼"
1	Temperature compensation	-9 ° C ~ + 9 ° C (default and best is -1 ° C)
2	P value setting	Selection range 4°C, 6 °C, 8°C, 10 °C (10°C is the best by default)
3	I value setting	Selection range 1s ~ 59s (default is preferably 40s)
4	Clock indication area options	0, timing switch 1, display the opening value
5	Control type options	0, temperature control 1. Opening degree control
6	485 communication IP high	00-FF
7	485 communication IP low	00-FF

TC8800Z-B External sensor wiring diagram

TC8800Z-C Host linkage wiring diagram

Instructions

1 — Fix the mounting plate to the cassette with screws

2 — Connect the control board to the power box cable properly

3 — First hang the two hooks of the upper plate at a 30-degree angle, press firmly on the lower sides and clamp the upper case.

4 — Finished