












[System setting]

Warning: System setting is used to set some important parameters of the system, that's only for professionals. Do not make any improper modification. The item already been debugged and tested by professionals, there is no need to reset.

	double click button to enter the system setting. rotary hand ring to modify the current setting. double click button to back		
rotary ring			
	temperature correction	Adjustment range 5°C ~ 5°C	The default value -2.5°C
	Used to correct the sensor value, screen would show the value needed to be revised when adjusting; the revised value will be displayed after 3 seconds.		
rotary ring			
	The period-time mode	Adjustment range 5+2 / 6+1 / 7	The default value 5+2
	5+2: Monday to Friday is set as the same; Saturday to Sunday is set as the same. 6+1: Monday to Saturday is set as the same. Sunday is individually controlled. 7: Monday to Sunday is set as the same.		
rotary ring			
	Antifreeze	Adjustment range On: Enable / OFF: Disable	The default value OFF
	Low temperature protection, what is suitable for the water system To prevent the pipe from freezing at low temperature.		
rotary ring			
	Sensor or temperature control mode	Adjustment range IN / OUT / ALL	The default value IN
	IN: internal control, room sensor Out: external control, floor sensor ALL: double temperature double control, the internal room temperature sensor, external sensor overheating protecting		
rotary ring			
	External temperature sensor limit	Adjustment range 40-80°C	The default value 50°C
	The sensor is set to ALL, the temperature limit external sensor value		
rotary ring			
	Internal sensor hysteresis	Adjustment range 0.5-4°C	The default value 1°C
	Built-in temperature sensor hysteresis		
rotary ring			
	External sensor hysteresis	Adjustment range 0.5-5°C	The default value 3°C
	External temperature sensor hysteresis		
rotary ring			
	Backlighting status	Adjustment range On: Always on OFF: Auto turn off after 5sec	The default value OFF
	Backlight lighting mode, can be set according to personal preference		
rotary ring			
	Status at re-power	Adjustment range OFF: off status at every time On: the same as previous,	The default value OFF
	Used to control the power state of the boot		
rotary ring			
	Restore factory settings		

[The error and solution of common system]

1. Fault phenomenon : There is no display

Reason & solution:

- 1、Power supply system is having problems or power is supplied incorrectly, please check if the inlet wire is normal.
- 2、If the connection is not right, please wired up as the wiring diagram on the back side.
- 3、Actual temperature is too low, please note the thermostat temperature range. If the temperature is lower than -5 °C, the unit cannot normally display.
- 4、Power supply box and the motherboard Coupling is not connected correctly, please connect correctly.
- 5、Power supply box and the motherboard Coupling are opposite inserted, please mind the direction
- 6、Power supply box and the motherboard Coupling is broken, please don't overexert. Coupling length is 6cm, the installation must be careful. If damaged, no warranty and replacement

2. Fault phenomenon : Display rupture

Reason solution: Display encounters hard objects or sudden force, no replacement and warranty

3. Fault phenomenon : Display a black screen

Reason solution: If the display surface temperature is too high, please note whether there is heater nearby, if so please remove.

4. Fault phenomenon : Display ER0 or ER1

Reason solution:

ER0: If built-in sensor is abnormal, please pay attention to whether the small black dot in temperature sensing window was damaged during removal

ER1: The system is set in the dual temperature control (ALL) mode, or it is not connected with an external sensor, or t external sensor is abnormal.

5. Fault phenomenon : No pen on LCD

Reason solution: Please check whether the iron plate is deformation when installation. If it is deformation, please correct

6. Fault phenomenon : No backlight

Reason solution: Please check whether backlight lamp connection is broken when removing in the panel.

7. Fault phenomenon : Backlight always bright

Reason solution: 1、The ON is set in the system menu bL 2、If it is damaged, please replace it.

8. Fault phenomenon : Large deviation of measurement temperature and the actual temperature

Reason solution: 1、The thermostat should be installed at ventilated place. It can not be installed at the place in direct sunshine or nearby the heater 2、Back connection screw is not locked, causing terminal serious fever

9. Fault phenomenon : Display 0 degrees

Reason solution: It is normal if thermostat display 0 degrees when the actual environment is below 0 degrees.

The above is some of the most common errors, if you can't solve, please contact the local dealer!

[Installation guide]

