code	Description	Set range	Factory
P0	Starting temperature	−50~100℃	00
P1	Stop temperature	−50~100℃	00
P2	Temperature correction	−10~10℃	0℃
P3	Delay to start	−10~10℃	0 minutes

Code and function introduction

PO setting to start-up temperature

Press setting button enter into internal menu. Default setting displayed "PO" then press the setting button again, set temperature by press the up and down buttons.

P1 setting to stop temperature

Press the setting button enter into the internal menu, digital displayed "0" ,change it into "PI" by press up and down buttons then press the setting button again .Stopped temperature by press the up and down buttons.

P2 setting to correct the temperature

Press the setting button enter into the internal menu, Switching into P2 by pressed the up and down button , calibrate the temperature by pressed up and down button again. In the setting ,if detection temperature higher 0.4 ℃ than actual temperature， the calibration temperature need to be −0.5℃,if detection temperature lower 1 ℃than actual temperature ,the calibration temperature need to be 1℃,Detection temperature+ calibration temperature=actual temperature.

P3 Set delayed start

Press the setting button enter into the internal menu , switching into P3 by pressed the op and down button. Then press the setting button again and set delayed time (Unit: minute) by pressing up and down button . The function delay to start is used to compressor refrigeration. it need to set value if use to refrigerator freezer. Usually it set to 3-6 minutes according to the back return size of compressor. If it is not use to compressor or no need this delay time function just skip this item.

Heating mode setting

Main points of Setting, start-up temperature ＜stop temperature (producer automatic judging the heating mode)

Setting mode: Press setting button enter into the internal menu ,started-up temperature by setting value of "PO" ,Stop temperature by setting value of "PI" .

Use case :

Control water heater ,stopped the temperature when heating up to 50 ℃.restart the heating when temperature fall back to 40 ℃.The instruction as follow,

STEP 1:Make sure the mode of work is heating , start-up temperature ＜Stop temperature

STEP2:Press the setting button enter into the internal menu .choose "PO" and press setting button to set value of "PO" to 40 ℃.

STEP3:Press the setting button enter into the internal menu ,choose "PI" and press setting button to set value of "P1" to 50 ℃.

Cooling mode setting

Main point of setting :Start-up temperature ＞Stop temperature(producer automatic judging the cooling mode)

Setting mode: Press setting button enter into the internal menu .started-up the temperature by setting value of "PO" , stop temperature by setting value of "PI" .

Use case:

Control the cabinet radiator, stop working at heat dissipation 26℃.starting radiator when temperature come back 30 ℃.The instruction as follow,

STEP1:Make sure the work mode is cooling ,started-up temperature＞stop temperature

STEP2:Press the setting button enter into the internal

menu ,choose "PO" and press the setting button to set value of "PO" at 30℃

STEP3:Press the setting button enter into the internal menu to set value of 'PI" at 26℃

Common fault

If user accidentally set the temperature value upside down ,the input light will bit bright and the load not work, if in this situation .please check whether the value of setting temperature have been upside down. Factory setting solution.

Under the situation of electricity, press the up and down button three seconds, when digital tube displaying '888' ,It will transfer into temperature detection automatically. And recovered to factory setting.

Digital tube display "HHH" :

If it displaying "LLL" when using. It means sensor failure and need to repair or replace.

Digital tube display "HHH"

If it displaying "HHH" , it means temperature is higher than detection range and need to change working environment.