

**Feature**

Radio frequency 433 MHz, one-to-one or many-to-one.

A variety of solutions.

A potential-free connected controlling port.

Special for underfloor heating or boiler heating.

2 pieces size AA batteries to ensure the power of one heating season.

Adopt magnetic latching relay, low power consumption.

24 events every day, 7-day programmable controller.

Energy-saving temperature and comfort temperature selectable.

Parameter memory anti frozen function.

Key-lock function, low battery indicator.

Touch screen thermostat.

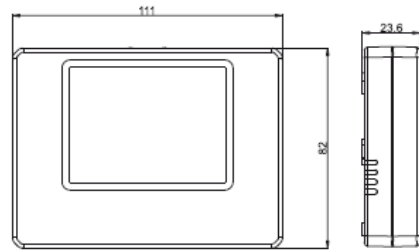
Large LCD screen with white backlight.

Wall surface mounted.

**Parameter**

Power supply: DC3V, 2 pieces size AA batteries  
 Wireless frequency: 433MHz  
 Measuring range: 0 ~ 95°C  
 Setting range: 5 ~ 90°C  
 Switching differential: 0.5 ~ 5°C adjustable (factory setting: 1°C)  
 Sensor: internal NTC sensor  
 Measuring quantity: 1 pcs  
 Potential free output: Max5A (AC220V resistance load)

**Dimensions (mm):**

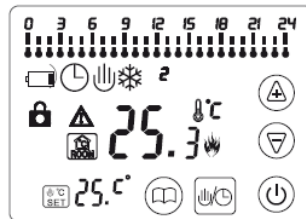


**Selection table**

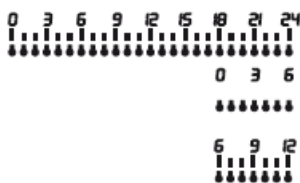
Model	color	output
9006-15(1) (black)	black	potential free output Max.5A
9006-15(1) (blue)	blue	
9006-15(1) (red)	red	
9006-15(1) (ivory)	ivory	
9006-15(1) (baking silver)	baking silver	
9006-15 (ivory)	ivory	433MHz wireless frequency output
9006-15 (silver)	silver	

**Symbol explaining**

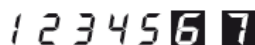
Simple touching key, large LCD screen with white backlight



Touching keys:



24-hour events, energy saving and comfort mode display.  
 0 ~ 24 number is for 24 hours each day.  
 In energy saving (low temperature) event.  
 In comfort (high temperature) event.  
 Weekly programming 7 days for one week.  
 Shows Monday to Sunday.






Control mode: Programming mode, Manual mode, Anti-frozen mode


Symbol: Low batteries Key-lock Heating

**Three control modes:**


**Manual temperature control, periods programming control, anti-frozen protection control.**

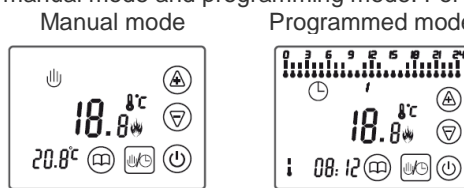
-  Manual temperature control: thermostat will control room temperature according to current set temperature value, it has nothing to do with time (event).
-  Event programming control: 24 event for 24 hours each day, every single event can be set as energy saving temperature or comfort temperature, which can set event and temperature according to individual habits. Event programming control is circulated by 7 days, so it is called weekly programming control.
-  Anti-frozen function: set temperature is 5°C to ensure room temperature is not lower than 5°C to avoid frozen caused by low temperature (only used in water-based heating). When used in electric cable heating please close this function in advanced setting. Factory setting: anti-frozen function usual closed, if necessary, please modify it in advanced setting.


**Simple operation steps:**


-  **On/Off:**  
 Press on/off key to choose on/off.  
 Switch on: display the full screen firstly, then recover to last work mode before switch off.  
 Switch off: display OFF. If has anti-frozen protection function, it will enter anti-frozen mode automatically when switch off, symbol as following:




-  Press this key can change manual mode and programming mode. For example:






-  **Setting value decrease key (-).**  
 Press this key one time will enter to manual mode to adjust temperature value.  
 Press once again, setting value will decrease 0.5°C every step.  
 Press this key above 3 seconds, the value will be decreased by 0.5°C step in quickly.

-  **Setting value increase key (+).**  
 Press this key one time will enter to manual mode to adjust temperature value.  
 Press once again, setting value will increase 0.5°C every step.  
 Press this key above 3 seconds, the value will be increased by 0.5°C step in quickly


-  **Adjust date and clock:**  
 Press this key for 5 seconds till date symbol twinkles, press + or – key to adjust date  
 Press this key one time, hour symbol twinkles, press + or – key to adjust current hour.  
 Press this key on time, minute symbol twinkles, press + or – key to adjust current minute.  
 Please adjust date and clock after replacing the batteries.

**Key-lock function**

-  **Key-lock mode:** press any key that will be invalid when key locked this function avoid children or unprofessional person to modify setting value of controller.

-  **Key lock:** press + and – key simultaneously till display  symbol

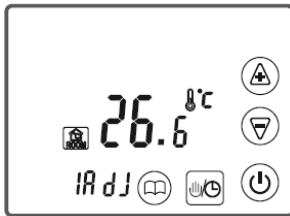


- Key unlock:** press + and – key simultaneously till display  symbol

## Advanced setting (qualified person preferred)

Usually finished at mounting thermostat.

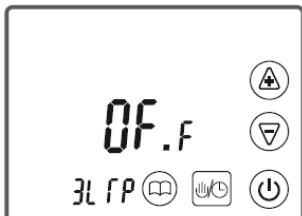
Press menu key simultaneously switching on the thermostat to enter advanced setting.



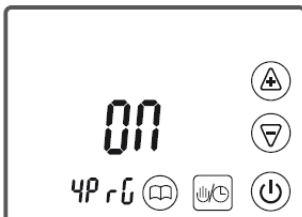
1ADJ: Temperature calibration.  
Press + or – key to adjust present checked value.  
Adjustable scale:  $\pm 9.9$  °C.  
Re-press menu key to enter next advanced setting step.



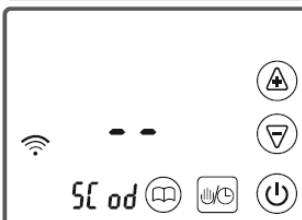
2DIT: Switch differential setting.  
Press + or – key to change switch differential  
Setting range: 0.5 ~ 5.0°C  
Re-press menu key to enter next advanced setting step.



3LTP: Start anti-frozen function in power off.  
Press + or – key to change the present anti-frozen state.  
Re-press menu key to enter next advanced setting step.



4PRG: Open / close programme and clock function.  
Press + or – key to open/close the programme and clock function.  
Re-press menu key to enter next advanced setting step.




5COD: Start to check code.  
Press + or – key to start check code with receiver  
Re-press menu key to enter next advanced setting step.



6PA: Wireless frequency power choosing.  
Press + or – key to modify the wireless frequency power.  
Setting range: 0~3, 0 Min, 3 Max.  
Re-press menu key to enter next advanced setting step.



Reset to factory setting.  
Press  key for 5 seconds till display – reset to factory setting.  
Re-press menu key to enter next advanced setting step.  
  
Press Off key to quit advanced setting for saving.

**Energy-saving and comfort temperature setting**

- Ⓜ When in work mode energy-saving and comfort temperature setting as following.  
Press menu key one time to enter to set mode.

Set comfort temperature, the LCD screen as following:



Press + or - key to adjust the comfort temperature.  
The factory setting is 20°C.

Press menu key again to enter energy-saving temperature,  
LCD screen as following:



Press + or - key to adjust the energy-saving temperature.  
The factory setting is 16°C.

**Factory pre-set programs (P1...P6). Operation method.**

- Ⓜ There are 6 factory pre-set programs which is convenient to user.  
If P1...P6 pre-setting meets the user's requirement, then only need to choose corresponding program code and you don't need to set program by yourself.  
Operating way: Press menu key more than 5 sec. in usual power on working mode to enter event programming mode. At this time press + or - key to choose factory pre-setting programs (P1...P6).

No.	Work day programme	Rest day programme	Application description
P1		Rest day same as work day	All work mode Comfort operating
P2			Weekend work mode for residential
P3			Single dayoff works mode for residential
P4			Double dayoff works mode for office
P5			Single dayoff works mode for office
P6		Rest day same as work day	All work mode for energy saving operating



**Programme number specification of factory pre-setting:**

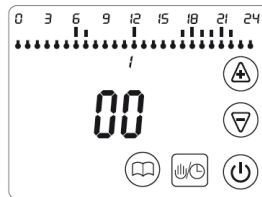
- P1 1~7 day (one week) is all works mode, 24 hours a day are in comfortable temperature, that is suit for mall, hotel, machine room and so on. This programme is more power-wasting than P2...P6. P1 is default setting of clock programming control, we advice to choose more suitable programming when in using.
- P2 Used in residential place which can meet to comfortable and energy saving effect. Monday to Friday are work day, Saturday and Sunday are rest day, this is double dayoff works mode.
- P3 Used in residential place, which can meet to comfortable and energy saving effect. Monday to Saturday are work day, Sunday is the rest day, this is single day off works mode.
- P4 Used in work place, Monday to Friday are work day, during works daytime is comfortable temperature. Saturday and Sunday are rest day, this is double dayoff works mode, and which can enter to anti-frozen protection mode when in weekend.
- P5 Used in work place, Monday to Saturday are work day, during works daytime is comfortable temperature. Sunday is the rest day, this is single dayoff works mode, and which can enter to anti-frozen protection mode when in Sunday.
- P6 Similar to P1, which is used to the place is not high comfortable requirement and is energy-saving works mode.

## Clock-controlled programme

Programme set: If the factory setting (P1...P6) programme can't satisfy the user's requirement, the user can modify the P7 as self set programme.

Operate ways:

- 1) Press menu key more than 5 sec. in regular works condition, enter to even choose mode then choose P7.
- 2) Press  key 5 seconds till enter to self set programme.
- 3) Press menu key again to choose programme date number.
- 4) Press  key to enter anti-frozen mode and programme mode for change.
- 5) The temperature sensor symbol change to "0...24" hour event in programme mode.



- 6) Press + key one time to enter to comfort temperature (high temp.).  
Press + key once more to confirm to enter to next programming event.
- 7) Press - key one time to enter to energy-saving temperature (low temp.).  
Press - key once more to enter to next programming event.
- 8) Press menu key again to enter next day programme set.  
Do it like above to finish the weekly programme set.

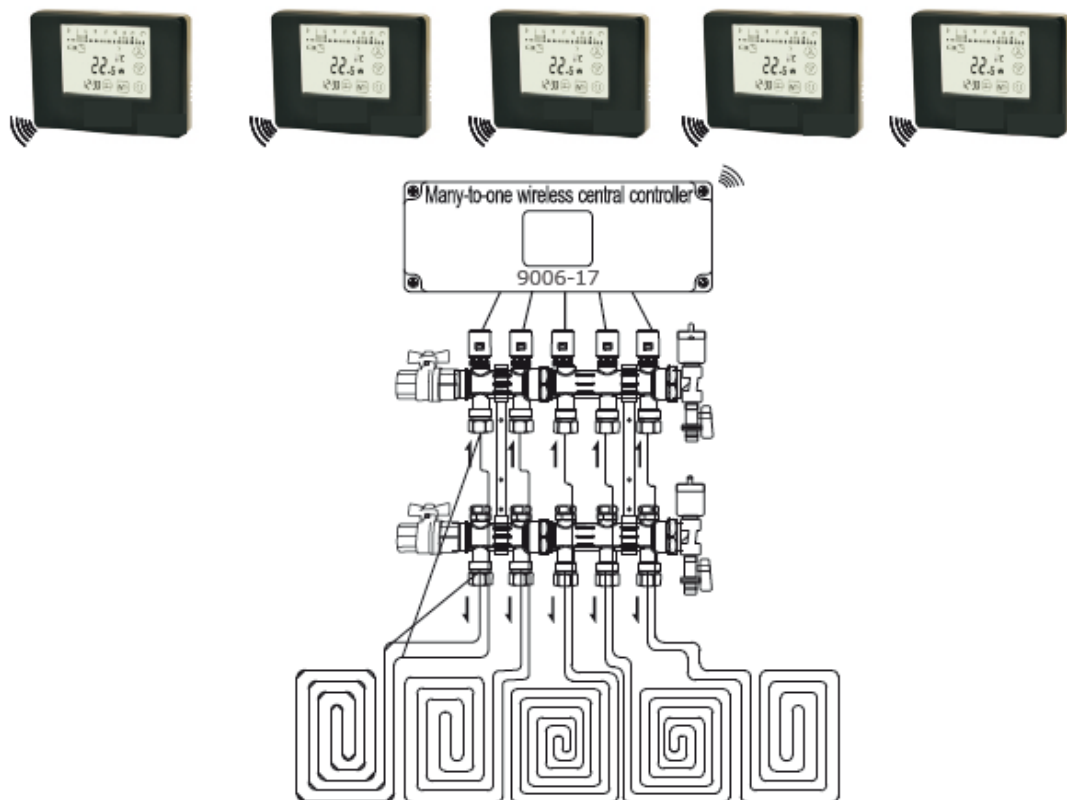
Application I: Apply to 9006-15(1) (wireline) mode.



**Application II: Apply to 9006-15 thermostat (wireless) mode.**



**Application III: 9006-15 wireless thermostat many- to- one, which applies to temperature controls for separate room.**



Mounting:

